OFFSHORE HELICOPTER SAFETY INQUIRY

November 17, 2009 Tara Place, Suite 213, 31 Peet Street St. John's, NL

November 17, 2009

PRESENT:

John F. Roil, Q.C./ Anne FaganInquiry Counsel
Amy Crosbie Canada-Newfoundland and Labrador Offshore
Ian Wallace/
D. Blair PritchettSuncor (Petro-Canada)
Alexander C. MacDonald, Q.CHusky Oil Operations Ltd.
Michael CohenCougar Helicopters Inc.
Lewis Manning/Nick Schultz
Laura Brown Laengle/Government of Newfoundland and Labrador Rolf Pritchard
Geoffrey Spencer Helly Hansen Canada Limited
Jamie MartinFamilies of Deceased Passengers
Kate O'BrienDavis Estate (Pilot) andagent on behalf of Douglas A. Latto for Lanouette Estate (Co-pilot)
V. Randell J. Earle, Q.CCommunications, Energy and Paperworkers Union Local 2121
David F. Hurley, Q.C Offshore Safety and Survival Centre, Marine Institute

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1 November 17, 2009	1 EARLE, Q.C.:
2 COMMISSIONER:	2 Q. So you see it as perhaps being a little
3 Q. Good morning, ladies and gentlemen. Mr.	a earlier down the decision chain, if you will?
4 Barnes, you're ready, I presume.	4 MR. BARNES:
5 MR. BARNES:	5 A. Yes.
6 A. Yes.	6 EARLE, Q.C.:
7 COMMISSIONER:	7 Q. Okay then. Now at this point in time, if we
8 Q. Mr. Earle.	8 could establish a status base, what was your
9 MR. PAUL BARNES - EXAMINATION BY MR. RANDELL EARLE, Q.C.:	9 understanding in February of 2000 as to the
10 EARLE, Q.C.:	use of these escape breathing devices in the
11 Q. Good morning, Mr. Barnes.	case of the use of helicopters? There was
12 MR. BARNES:	some suggestion that the military was using
13 A. Good morning, Mr. Earle.	them at that point in time.
14 EARLE, Q.C.:	14 MR. BARNES:
15 Q. As promised, we have red stickies. If we	15 A. Yes.
16 could go to the letter from C-NLOPB, February	16 EARLE, Q.C.:
17 25th, 2000.	17 Q. What was your understanding of who was using?
18 ROIL, Q.C.:	18 MR. BARNES:
19 Q. On the breathing apparatus?	19 A. It was our understanding that at least one oil
20 EARLE, Q.C.:	20 and gas company was using such a device in the
21 Q. Pardon?	21 UK, and we had at that point no other
	22 understanding as to if other oil and gas
22 ROIL, Q.C.: 23 Q. On the breathing apparatus?	23 companies were contemplating using it, or if
24 EARLE, Q.C.:	24 they were being used by any other industry.
25 Q. On the breathing apparatus, yes, a little	25 EARLE, Q.C.:
Page	Page 4
while ago on the breathing apparatus. It's	1 Q. So you didn't have any understanding as to use
2 page two of 1.1. Now, Mr. Barnes, would you	2 by the military?
agree with me that the request of C-NLOPB	3 MR. BARNES:
4 oh, I see, at that point in time they were	4 A. Not to my recollection at that point in time.
5 only CN.	5 EARLE, Q.C.:
6 MR. BARNES:	6 Q. So just one other oil and gas company and that
7 A. Yes.	7 would have been Shell?
8 EARLE, Q.C.:	8 MR. BARNES:
9 Q. Was to discuss the matter with the Safety	9 A. That would have been Shell in the UK, yes.
10 Committee and advise of decisions made?	10 EARLE, Q.C.:
11 MR. BARNES:	11 Q. The C-NLOPB says they understand that several
12 A. That's right.	companies in the North Sea have adopted the
13 EARLE, Q.C.:	use of escape breathing devices. You had and
Q. And would you agree that there's a message in	understanding of one company?
that that C-NLOPB expects you to make a	15 MR. BARNES:
decision on the use of escape breathing	16 A. That's right.
devices?	17 EARLE, Q.C.:
18 MR. BARNES:	18 Q. And there's an invitation to contact Mr. Peter
19 A. I wouldn't say the use. I would say that the	Noel about it. Did you follow up with Mr.
20 request was to have a discussion and to advise	Noel to determine what companies were using
21 as to decisions made regarding the next steps.	21 it?
22 EARLE, Q.C.:	22 MR. BARNES:
23 Q. Okay.	23 A. I don't recollect calling Mr. Noel after that
24 MR. BARNES:	24 letter.
25 A. It could be research, it could be use.	25 EARLE, Q.C.:
25 71. It could be rescuren, it could be use.	El IREE, Q.C.,

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1 Q. So on May 15th, some two and a half months	1	part of their responsibility.
2 later, you write as follows, "We have recently	2 EARI	LE, Q.C.:
3 discussed the issue within our Safety	3 Q.	Okay, so you say they're management. They
4 Subcommittee and are proposing the following",	4	would not be senior management, though?
5 and we'll get into that, but your Safety	5 MR. 1	BARNES:
6 Subcommittee at that time, who was it, who	6 A.	They would be probably they would be senior
7 made up that Committee and what was their	7	management within the safety role of their
8 expertise?	8	organization locally.
9 MR. BARNES:	9 EARI	LE, Q.C.:
10 A. I don't have the list of the exact companies	10 Q.	Senior management within safety, not senior
with me at the moment as to who were on that	11	management within the organization?
committee at that point in time in 2000, but I	12 MR. I	BARNES:
imagine it's the same companies that are on	13 A.	That's correct.
there today with the exception of one or two	14 EARI	LE, Q.C.:
companies that may have left Newfoundland or	15 Q.	So none of these people would have had
Nova Scotia since that time, and their	16	particular expertise in the area of helicopter
expertise would be safety professionals from	17	transportation?
our member companies.	18 MR. I	BARNES:
19 EARLE, Q.C.:	19 A.	I don't know the answer to that.
20 Q. Yes, but I notice in some of the documents	20 EARI	LE, O.C.:
21 that you have reviewed in your direct evidence		Well you say you don't know the answer to
22 that, you know, various titles for these	22	that. I take it that that I mean, as that
people, Esq, and all sorts of letter	23	committee was constituted, can you ever recall
designations which make it pretty well	24	at the Safety Subcommittee of the Atlantic
impossible to remember what any one of them	25	Canada Executive Policy Committee, anyone
1 2		
Daga 6		Daga 8
Page 6		Page 8
are because it seems every company uses a	1	being on that committee who had a particular
1 are because it seems every company uses a 2 different thing, but my understanding is that	1 2	being on that committee who had a particular expertise in the area of helicopter
are because it seems every company uses a different thing, but my understanding is that these people who have have multiple	1 2 3	being on that committee who had a particular expertise in the area of helicopter transportation?
are because it seems every company uses a different thing, but my understanding is that these people who have have multiple responsibilities. They have environmental	1 2 3 4 MR. I	being on that committee who had a particular expertise in the area of helicopter transportation? BARNES:
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training, the business of helicopter	1 A. Because our members would be able to
2 operations, these indeed the business of	2 investigate within their own organizations
health services, these are all things that are	that operate in the North Sea the use of such
4 contracted out?	4 devices.
5 MR. BARNES:	5 EARLE, Q.C.:
6 A. Yes, for the most part.	6 Q. Yes, I can appreciate that, but surely the
7 EARLE, Q.C.:	7 issues of safety are not proprietary, surely
8 Q. The core expertise of your production	8 anyone in the business of having their
9 companies is the production of oil?	9 employees travel to offshore installations by
10 MR. BARNES:	helicopter would have been happy to share this
11 A. That's correct.	information with you?
12 EARLE, Q.C.:	12 MR. BARNES:
13 Q. So this is who you've got looking at this	13 A. Yes.
1	
issue and is it not fair to say from your evidence that, and it seems to be a bit of a	14 EARLE, Q.C.:
1	15 Q. Then you say, "Discuss the issue with
disconnect with the correspondence, that it	manufacturers of the survival suits currently
wasn't until 2004 that this generalist safety	being used on the east coast. This discussion
group passed over the task of dealing with the	will focus on equipment interface with
19 HUEBA to a more specialized group?	existing suits and potential opportunities for
20 MR. BARNES:	20 future research and development, discuss the
21 A. With extra specialized expertise, yes.	21 issue with representatives of local safety
22 EARLE, Q.C.:	training institutions to elicit their
Q. Yes. Nevertheless, on May 15, 2000, you	feedback/advice, discuss the issue with
24 indicated that you had already gathered	potential end users of the equipment, and
information from member companies on the	25 undertake a cost benefit analysis of the use
Page 1	Page 12
device, and have had numerous discussions at	of the device", and you then go on to say,
2 the Safety Subcommittee table on this topic.	2 "Once the information from this investigation
3 So you already had done some information	is obtained, we would like to share it with
4 gathering?	4 the Boards", and I notice you use the plural,
5 MR. BARNES:	so I take it you're already thinking that this
6 A. Yes.	6 is not just C-NLOPB, but this is C-NSOPB as
7 EARLE, Q.C.:	7 well?
8 Q. Correct?	8 MR. BARNES:
9 MR. BARNES:	9 A. Yes, and we copied the Chief Safety Officer of
10 A. Yes.	the C-NSOPB on the letter.
11 EARLE, Q.C.:	11 EARLE, Q.C.:
12 Q. And then you set an agenda for yourselves.	12 Q. "And subsequently meet to further explore the
You said, "Over the next six months, we will	topic". Now my question for you is, you set a
investigate this issue further and take the	six month time frame. Did you in that six
following steps", and you list them as	months tick off the agenda?
investigating the use of devices by member	16 MR. BARNES:
companies who have operations in the North	17 A. We began working on all those items, or at
Sea. Member companies, I take it, would be	least three of those items within that agenda,
19 CAPP member companies?	and it did take longer than six months before
20 MR. BARNES:	20 we
21 A. CAPP member companies, yes.	21 EARLE, Q.C.:
22 EARLE, Q.C.:	22 Q. So you didn't do it in six months?
23 Q. Why would you have restricted yourself to CAPP	· ·
24 members?	24 A. No.
25 MR. BARNES:	24 A. NO. 25 EARLE, Q.C.:
23 MIN. DAKNES.	22 EANEE, Q.C

·	19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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1 Q. You began working on those items.	1 EARLE, Q.C.:
2 MR. BARNES:	2 Q. Well
3 A. Yes.	3 MR. BARNES:
4 EARLE, Q.C.:	4 A. And the research that we undertook on these
5 Q. Did you at any time ever report to C-NLOPB,	5 items formally in the next letter in my
6 okay, we have now finished those items that we	6 exhibit list, June 19, 2001.
7 said we would do in our May 15th 2000	7 EARLE, Q.C.:
8 correspondence, and this is what we found?	8 Q. What about your discussion with end users?
9 MR. BARNES:	9 MR. BARNES:
10 A. The next time that we formally communicated	10 A. We left that discussion with our member
with the Petroleum Board was June of the	companies and they would have that discussion
following year, but we likely had informal	with their joint occupational health and
communication with them because at least twice	safety committees.
a year we would have joint meetings with both	14 EARLE, Q.C.:
Petroleum Board's Chief Safety Officers and	15 Q. Mr. Barnes, as you sit here today, can you
our Safety Committee where we talked about the	tell us that that end discussion ever took
various safety issues that the Committee was	17 place?
18 working on.	18 MR. BARNES:
19 EARLE, Q.C.:	19 A. We would assume it did, but I can't say for
20 Q. Yes, but that's the whole range	20 sure.
21 MR. BARNES:	21 EARLE, Q.C.:
22 A. That's correct.	22 Q. You assume it did?
23 EARLE, Q.C.:	23 MR. BARNES:
24 Q. Of safety issues that involve these people,	24 A. Yes.
25 right?	25 EARLE, Q.C.:
25 11ght.	25 LineL, Q.e
D 114	D 16
Page 14	
1 MR. BARNES:	1 Q. I suggest to you, and if you turn to your
1 MR. BARNES: 2 A. That's correct.	1 Q. I suggest to you, and if you turn to your 2 letter of June 19, 2001, which is at page six
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	The second of th
Page 17	Page 19
in time that we got that information from our	1 EARLE, Q.C.:
2 discussions with the training institutes.	2 Q. And I want to take this back to what I was
3 EARLE, Q.C.:	asking you yesterday about the relationship
4 Q. So isn't it true that really 16/17 months	4 with C-NLOPB, and is it clear who's making the
5 after first contacted by C-NLOPB, what you	5 decision on whether we're going to have the
6 really achieved is a literature survey and an	6 HUEBA or not? Did you at that time have a
7 identification of issues arising out of the	7 clear understanding as to who would be making
8 literature survey?	8 that decision?
9 MR. BARNES:	9 MR. BARNES:
10 A. Well, we certainly gathered information from	10 A. Yes, it was our understanding that this would
not only the literature survey, but from	be an industry decision, not a regulatory
discussions our members had with their own	decision.
companies that operate in the North Sea, and	13 EARLE, Q.C.:
presumably other stakeholders would have	14 Q. Okay. Now you've said a couple of times in
provided the information that we have in our	your evidence that cost was not an issue.
16 attachment.	16 MR. BARNES:
17 EARLE, Q.C.:	17 A. Cost was not an issue that was discussed
18 Q. Now in your letter of June 19, 2001, in the	within our association committees.
19 second paragraph, you say, "It is CAPP's	19 EARLE, Q.C.:
20 position to delay making any final decisions	20 Q. But if I take you to page four of the
21 with respect to the implementation and use of	21 attachment to your letter
helicopter EBS on the east coast pending the	22 MR. BARNES:
outcome of", and you indicate two studies that	23 A. Uh-hm.
you want to look at of the United Kingdom	24 EARLE, Q.C.:
25 Civil Aviation Authority literature review,	25 Q. Items 5 and 6, and first focus on Item 5,
Page 18	Page 20
Page 18 and the Norwegian Oil Industry Association	Page 20 1 requiring life jacket manufacturers to
-	
and the Norwegian Oil Industry Association	1 requiring life jacket manufacturers to
and the Norwegian Oil Industry Association initiative on new survival suits standard	requiring life jacket manufacturers to redesign the life jacket to include pocketry
and the Norwegian Oil Industry Association initiative on new survival suits standard specifications?	requiring life jacket manufacturers to redesign the life jacket to include pocketry would be time consuming and costly.
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Page 21 Page 23 A. Yes. 1 EARLE, O.C.: 2 EARLE, O.C.: Q. So who was using it in 2003? Q. So then we go to the letter of February 12, 3 MR. BARNES: 3 2003, from C-NLOPB and that's at page 12, A. There were two others. I don't have them in 4 Document 1.4. I'll give people who are 5 5 front of me at the moment. I believe Talisman hunting for it a few moments. Now this is was one and -- Talisman Energy, and there was 6 6 what I would describe as a pointed letter. another one. We have that information, I just 7 7 8 Would you agree with that? don't have it in front of me. 9 MR. BARNES: 9 EARLE, O.C.: A. Yes, I would. Q. Yeah, I believe Talisman is a CAPP member, 10 10 isn't it? 11 EARLE, Q.C.: 11 12 Q. And they make it very clear in the second 12 MR. BARNES: 13 sentence, "Both these documents clearly A. Talisman is a CAPP member, and the other company was a CAPP member as well. indicate the importance we place upon this 14 14 issue and our desire for a prompt decision". 15 15 EARLE, Q.C.: 16 MR. BARNES: Q. So you have -- you now have -- is Shell a CAPP 16 member? A. Uh-hm. 17 17 18 EARLE, O.C.: 18 MR. BARNES: Q. So would you agree that this is a very clear A. Yes. message that the regulator is expecting a 20 20 EARLE, Q.C.: decision from you? 21 21 Q. So you now have three CAPP members using the 22 MR. BARNES: 22 technology? A. Yes, that's correct. 23 MR. BARNES: A. Correct. Actually, I'll correct that, there 24 EARLE, O.C.: 24 Q. Further the writer expresses in the second are -- the three companies that were using it 25 25 Page 24 Page 22 last sentence, "I view helicopter underwater were Shell, BP, which stands for British 1 1 2 escape breathing devices as a mature and 2 Petroleum, and Conoco. All three of those tested technology and would hope that we can companies had operations in the North Sea and 3 3 achieve implementation in relatively short all three of those companies had operations in 4 4 5 order". Now by that time what users were you 5 Canada and were members of CAPP. aware of with respect to the technology? This 6 EARLE, Q.C.: 6 7 is 2003 now. 7 Q. So the operating company in the North Sea might have been a different division, but they 8 MR. BARNES: 8 A. We were only aware, I believe at that point in have divisions operating in Canada who are 9 9 time, of three oil and gas companies using the CAPP members? 10 10 11 device in the UK North Sea, and possibly the 11 MR. BARNES: military. I say possibly. 12 12 A. Correct. 13 EARLE, Q.C.: 13 EARLE, Q.C.: Q. Sorry, could you repeat that? 14 I had 14 Q. So Mr. Noel had formed the opinion that it was a mature and tested technology. The three difficulty hearing you. 15 15 CAPP members were using it in their 16 MR. BARNES: 16 operations. Bluntly put, what's the big hang 17 A. In 2003, we were aware of only three oil and 17 gas companies using that device in the North up? 18 18 Sea. 19 MR. BARNES: 19 A. The big hang up was whether the devices that 20 EARLE, O.C.: 20 those companies were using in the North Sea Q. So the use had increased since your initial? 21 would be -- would be able to be used in east 22 MR. BARNES: 22 coast Canada and perform to their A. Yes, initially when we started to discuss this 23 23 item, this issue, this initiative, we were specification or to the function that we're 24 24 only aware of one company, Shell. 25 hoping that they would be performing to. 25

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P	age 25	Page 27
1 EARLE, Q.C.:	-	lon't have the answer to that question.
2 Q. Now one of the phrases that the paper use is	2 EARLE, Q	Q.C.:
the "cold water conditions of Atlantic Canada	3 Q. Yo	ou're not sure?
4 offshore", and there's no doubt about it, I	4 MR. BAR	NES:
5 mean, we're dealing with very cold water.	5 A. I'r	n not sure.
6 However, the North Sea might be degrees warm	er 6 EARLE, Q).C.:
7 in average temperature, but it would still be		I take you a little later on, I think, to
8 considered a cold water environment, would it		me indications in your September 2002
9 not?	<u> </u>	scussion paper that, in fact, it was
10 MR. BARNES:	<u> </u>	mplete. In any event, on the 20th of March,
11 A. In certain parts of the North Sea, yes.		u write back to C-NLOPB and you say, "Over
12 EARLE, Q.C.:		e past 18 months we have investigated the
13 Q. Yes, parts where oil companies are operating?		e of an EBS in other offshore jurisdictions
14 MR. BARNES:		d have noted that the current research seems
15 A. Yes.	15 to	indicate that the use of an EBS, if
16 EARLE, Q.C.:		rrectly deployed in a survivable impact on
17 Q. So what did you see as being the big		ater, will allow helicopter passengers to
difference between the North Sea and our		tend their breathing capability such that
19 coast?		e risk from drowning is reduced and their
20 MR. BARNES:		ances of survival increased". So I take it
21 A. With respect to the decision to use such a		u have come to a conclusion that the EBS is
22 device?	1	good thing?
23 EARLE, Q.C.:	23 MR. BAR	
24 Q. Yeah.	24 A. Ye	
25 MR. BARNES:	25 EARLE, Q	
	age 26	Page 28 and this is March 20th, 2003?
A. Well, there was the North Sea had only	_	•
three companies using the device. The devi-		
they were using was a simple rebreather. It		
was felt that that device had limitations with		C ·
respect to cold water usage, and the though		nd then you say, "In order for an EBS
6 was why should we implement that type		plementation to be fully supported and
device here if it had limitations and wouldn'	<u> </u>	anaged through to a successful conclusion, we
be an adequate safety device for use here.	<u> </u>	lieve there are a number of critical issues
9 Many of the other companies operating in t		at require resolution", and you identify the
North Sea had the same view.		sues as; certain design aspects of the
11 EARLE, Q.C.:		vice, training, health and hygiene, and
12 Q. Mr. Barnes, doesn't that sort of give rise to	<u> </u>	eir use in cold Atlantic Canada waters.
the question, okay, the device had		ell, I've already asked you about the
limitations, but it's probably a heck of a lot		mparison between the North Sea and our
better than nothing? I mean, didn't that kind		aters, but what were your identified issues
of thought go through your collective heads	<u> </u>	th respect to the design of the device?
17 MR. BARNES:	17 MR. BAR	
18 A. I don't recall any discussion of that nature.	<u> </u>	would be contained in the attached
19 EARLE, Q.C.:		scussion paper, and the design of the device
20 Q. By this point in time, had the UK Civil		ould be everything from in the case of the
Aviation Authority work been done?	21 rel	preather, the design of the rebreather, as I
	1	

22

23

24

25 EARLE, Q.C.:

mentioned yesterday, was almost like a plastic

bag, and so we knew there would be issues in

such a design for its use in Atlantic Canada.

A. In 2003? We were waiting for that work to be

done through 2002. Whether it was done by

February, 2003, I don't have the information.

22 MR. BARNES:

23

24

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Page 29	Page 31
1 Q. Well, it's different language, Mr. Barnes, but	1 MR. BARNES:
2 isn't the discussion paper which is September,	2 A. And a representative from CAODC.
3 2002, only a reiteration of your research	3 EARLE, Q.C.:
4 summary?	4 Q that was described as the HUEBAI have to
5 MR. BARNES:	5 go a long way ahead to get their name HUEBA
6 A. I believe it's more details other than that,	6 Task Group.
7 and some recommendations from the consultant	7 MR. BARNES:
8 that pulled the paper together.	8 A. Yes.
9 EARLE, Q.C.:	9 EARLE, Q.C.:
10 Q. So similarly, your training, health and	10 Q. HUEBA Task Force, is that the same group?
11 hygiene issues are identified in your	11 MR. BARNES:
discussion paper. Is that what you're saying?	12 A. Yes.
13 MR. BARNES:	13 EARLE, Q.C.:
14 A. Yes, it would seem that's the case.	Q. What happened to your worker representative?
15 EARLE, Q.C.:	15 MR. BARNES:
16 Q. So you then say "in order for an	16 A. It was decided by our member companies that
implementation to be fully supported and	the best way to engage their workforce would
managed through to a successful conclusion, we	be that they would engage them through their
believe that there are a number of critical	occupational health and safety committees.
20 issues"sorry, next paragraph. "To	20 EARLE, Q.C.:
facilitate a successful implementation of EBS,	21 Q. It was decided that the workers should be
it is paramount that an implementation	engaged through occupational health and safety
committee be commissioned to oversee that the	23 committees?
recommendations and findings in a discussion	24 MR. BARNES:
paper we have prepared on this issue are	25 A. Correct.
Page 30	Page 32
researched, understood and resolved," and then	1 EARLE, Q.C.:
2 you say "this committee should be comprised of	2 Q. That there would not be a worker
a east coast operators who have helicopter	3 representative on your implementation
4 contracts, a representative from CAODC, a	4 committee?
5 worker representative, a safety representative	5 MR. BARNES:
from the Board, as well as other operating	6 A. Yeah.
7 companies who have an interest and knowledge	7 EARLE, Q.C.:
8 of EBS." Now, we know that C-NLOPB's response	8 Q. Mr. Barnes, what assurance was your CAPP
9 was "good, and Mr. Noel will be our	9 Safety Committee given that these matters had
representative on the implementation	gone back to the occupational health and
committee." Who were the other people on the	safety committees?
implementation committee, and when was it	12 MR. BARNES:
13 struck?	13 A. Well, from time to time, our members that sit
14 MR. BARNES:	on our CAPP Safety Committee would indicate
15 A. It was struck in the year following this	that they had discussed the matter within
letter.	their joint occupational health and safety
17 EARLE, Q.C.:	committees and we were told that in those
18 Q. It was struck the year following?	various meetings that our Safety Committee
19 MR. BARNES:	would have, and any feedback -
20 A. Yes, and it included representatives from the	20 EARLE, Q.C.:
operating companies, the helicopter operators,	21 Q. So would that be recorded in your minutes that
the training institutes and I believe that's	22 I've asked for?
23 all. I'll just double check that.	23 MR. BARNES:
24 EARLE, Q.C.:	24 A. I would assume that would be the case. Some
25 Q. Is this the same committee -	of our meeting minutes are just action items
	,

November 17, 2009 Offshore Helicopter Safety Inquiry Page 33 Page 35 and they don't go into a great amount of 1 1 EARLE, O.C.: 2 detail, but some do. Q. 34 of--I guess it's of the exhibit, and 17 of the report. 3 EARLE, Q.C.: 3 Q. Mr. Barnes, the discussion paper attached to 4 MR. BARNES: your correspondence, if you could go to 5 5 A. Okay. September--this is the September 2002 6 6 EARLE, Q.C.: discussion paper, go to page 32. Q. You'll see that there are reports reviewed, 7 8 MR. BARNES: 8 and CAA paper on EBS, and operational view from the regulator given at the Offshore A. 32? 9 10 EARLE, Q.C.: 10 Emergencies Conference in Aberdeen by Brian Q. Not 32 of the discussion paper now. 32 of the Hodge and CAA preliminary study of the 11 11 order of the exhibits. It's page 15 of the implementation and use of emergency breathing 12 12 discussion paper. You see there, the question systems, Coleshaw, May 2002. So would you 13 13 is "is there a need for technical standard for agree with me that the CAA appears to have 14 14 design and performance?" and then the response completed its work? 15 15 16 is "the CAA paper delivered by Coleshaw 16 MR. BARNES: include an example of a draft technical 17 17 A. Well, in the second bullet it says a preliminary study. So I don't know if I would standard and in a subsequent paper presented 18 18 by Hodge, UKOOA" and is that offshore agree that it's completed its work, but it 19 19 operators association? certainly was well underway and complete in 20 20 21 MR. BARNES: 21 some areas. A. Yes, that's an association very similar to 22 22 EARLE, O.C.: CAPP in the UK. 23 23 Q. It would appear from the portion which I addressed you to on page 32 of the exhibit, 15 24 EARLE, O.C.: 24 of the paper, that your UK equivalent had come 25 Q. Yeah, "has given an indication that they will 25 Page 34 Page 36 not be developing a CAA technical standard to the conclusion that "the various testing 1 1 2 based on the document. Rather, they believe 2 and research reports generated would enable that the combination of the draft example operators to discharge their responsibilities 3 3 with respect to the design and use of EBS and technical standard and various testing and 4 4 5 research reports would enable operators to 5 satisfy a duty of care to passengers." Is discharge their responsibilities with respect that correct? 6 6 7 to the design and use of EBS and satisfy a 7 MR. BARNES: duty of care to passengers." So if you 8 A. Yes. What page are you referring to again? 9 remember that you were looking back in one of 9 ROIL, Q.C.: your earlier pieces of correspondence, back in Q. He's asking you what page you're referring to. 10 10 11 2001, for the completion of the CAA study. It 11 EARLE, Q.C.: appears that that study has been completed, Q. Page 32, 15 of the document. 12 12 13 doesn't it? 13 MR. BARNES: 14 MR. BARNES: 14 A. And sorry, what was your question again? A. I'm assuming that is the same study that's 15 EARLE, Q.C.: 15 referenced in the earlier document. CAA was Q. It would appear that your UK equivalent in the 16 16 offshore had come to the conclusion that 17 just we were looking at a number of aspects 17 with respect to the device in the UK. This sufficient testing and research had been done 18 18 19 particular paragraph talks about a technical to enable them to "discharge their 19 responsibilities with respect to the design standard. 20 20 and use of EBS and satisfy of duty of care to 21 EARLE, O.C.: 21 Q. Well, just go to page 34 then, because it passengers." 22 22 23 MR. BARNES: appears that -23 24 MR. BARNES: 24 A. The way I would read that paragraph is the

25

CAPP equivalent in the UK decided, based on

A. 34 of the exhibit?

Page 37	Page 39
the research, that they wouldn't be developing	1 Q. Okay. So this was a health and safety manager
2 a technical standard.	2 from your industry, a former health and safety
3 EARLE, Q.C.:	3 manager from your industry put this discussion
4 Q. Well, it's a little more than that, isn't it?	4 paper together for you?
5 Because they say, and it's a quote in your	5 MR. BARNES:
6 discussion paper that "it will enable	6 A. That's correct.
7 operators to discharge their responsibilities	7 EARLE, Q.C.:
8 with respect to the design and use of EBS"	8 Q. And at this point in time, this is still being
9 MR. BARNES:	9 dealt with by your general safety
10 A. Um-hm, so no technical standard was necessary,	10 subcommittee?
it was felt at that time, and the operators,	11 MR. BARNES:
it was felt, would be discharge their	12 A. Yes, with occasional discussion at our
responsibilities themselves.	Executive Policy Group as well, with respect
14 EARLE, Q.C.:	to work being done by the Safety Committee.
Q. With respect, it seems to me that in 2002,	15 EARLE, Q.C.:
your UK equivalent is saying the research is	16 Q. So that's up the line?
done, the testing is done, let's get on with	17 MR. BARNES:
18 it.	18 A. Yes.
19 MR. BARNES:	19 EARLE, Q.C.:
20 A. Yes, that's correct.	20 Q. We're still not into the specialists?
21 EARLE, Q.C.:	21 MR. BARNES:
22 Q. And you fellows are, as we'll see from your	22 A. We're still not into the specialists with
23 end piece on the next page, your	respect to implementation.
recommendation is CAPP to agree in principle	24 EARLE, Q.C.:
25 with a philosophy of requiring all EBS devices	25 Q. And if you look at that page 33, we see that
Page 38	Page 40
to meet a Canadian standard.	they were now consulting with some people
I 2 MD DADNEC.	
2 MR. BARNES:	2 outside, but for instance, we're not talking
3 A. Um-hm.	3 to the local training people, are we?
3 A. Um-hm. 4 EARLE, Q.C.:	3 to the local training people, are we? 4 MR. BARNES:
3 A. Um-hm. 4 EARLE, Q.C.: 5 Q. So you're saying, well, we're going a	 to the local training people, are we? MR. BARNES: A. Certainly not in the author of this research
3 A. Um-hm. 4 EARLE, Q.C.: 5 Q. So you're saying, well, we're going a 6 different route than the UK. We're going to	3 to the local training people, are we? 4 MR. BARNES: 5 A. Certainly not in the author of this research 6 paper.
 3 A. Um-hm. 4 EARLE, Q.C.: 5 Q. So you're saying, well, we're going a 6 different route than the UK. We're going to 7 look for a standard to be developed. 	 3 to the local training people, are we? 4 MR. BARNES: 5 A. Certainly not in the author of this research 6 paper. 7 EARLE, Q.C.:
3 A. Um-hm. 4 EARLE, Q.C.: 5 Q. So you're saying, well, we're going a 6 different route than the UK. We're going to 7 look for a standard to be developed. 8 MR. BARNES:	3 to the local training people, are we? 4 MR. BARNES: 5 A. Certainly not in the author of this research 6 paper. 7 EARLE, Q.C.: 8 Q. And there's no -
3 A. Um-hm. 4 EARLE, Q.C.: 5 Q. So you're saying, well, we're going a 6 different route than the UK. We're going to 7 look for a standard to be developed. 8 MR. BARNES: 9 A. That was one of the recommendations in the	3 to the local training people, are we? 4 MR. BARNES: 5 A. Certainly not in the author of this research 6 paper. 7 EARLE, Q.C.: 8 Q. And there's no - 9 MR. BARNES:
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Page 41	Page 43
level of progress some six months later in	for our participation." Does such a document
2 response to a sharp letter saying "what the	2 exist?
3 heck are you fellows doing with this issue?"	3 MR. BARNES:
4 MR. BARNES:	4 A. No, it was never developed.
5 A. The Board was aware, informally, of our	5 EARLE, Q.C.:
6 progress on this issue and the fact that we	6 Q. Why not?
7 had engaged an outside consultant to do this	7 MR. BARNES:
8 paper for us, but we didn't formally	8 A. It was decided that the committee would be
9 correspond with the Board until the March	9 struck to eventually implement the device. It
letter, and provide them with the actual copy	didn't need a formal terms of reference.
of the report.	11 Industry would continue with its
12 EARLE, Q.C.:	implementation without the Board being a
13 Q. Well, Mr. Barnes, I would have thought that if	formal member and the need of a formal terms
you had given that discussion paper to C-	of reference.
15 NLOPB, who after all werePeter Noel is	15 EARLE, Q.C.:
listed as one of the first people you	16 Q. Did you get any feedback from C-NLOPB on the
17 consulted.	absence of these terms of reference?
18 MR. BARNES:	18 MR. BARNES:
20 EARLE, Q.C.:	20 indicated to us that they were okay with the
Q. One of two things can happen. He would have	21 industry action plan for moving forward.
been satisfied that you were active and not	22 EARLE, Q.C.:
written the sharp letter, or he did receive it	Q. This was being handled, up to this point in
and is saying, you know, "you've got your	time, by your Safety Committee?
discussion paper. You know where things are	25 MR. BARNES:
Page 42	Page 44
Page 42 in the UK. Why are you not doing something	Page 44 1 A. That's right.
Page 42 in the UK. Why are you not doing something with it?" Which of those is it or is it	
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Page 45 Page 47 the industry on an every five or six weeks 1 1 EARLE, O.C.: 2 meeting. How can you consider this to be an Q. Would it have gone to the Executive Policy? appropriate level of response to the stated 3 3 MR. BARNES: urgency that has been expressed by C-NLOPB? A. I would expect so, given the tone of the 4 They're saying "we want this dealt with." 5 5 letter. They've said it on three different occasions 6 6 EARLE, Q.C.: formally in letters. Q. So when did you put your task force in place? 7 Because there doesn't appear to be a document 8 MR. BARNES: 8 which tells us that. You say 2004, but -A. Um-hm. 10 EARLE, Q.C.: 10 MR. BARNES: Q. One of which was quite pointed. How can you A. Yeah, the second half of 2004. 11 11 consider that to be an adequate level of 12 12 EARLE, Q.C.: response to have a dozen-be one of a dozen Q. So you go from April 2003 to the second half 13 of 2004 before you put a task force in place? issues dealt with by a committee on an every 14 14 five or six weeks basis? 15 15 MR. BARNES: 16 MR. BARNES: A. Yes. A. Well, even though the committee only meets on 17 17 EARLE, Q.C.: every five or six week basis, they would 18 O. Is that correct? undertake activity or work in between those 19 19 MR. BARNES: meetings and since this was one of the high A. That's correct. 20 20 priority items for the committee, they would 21 21 EARLE, Q.C.: 22 be working on that item on a constant basis. Q. What takes so long, Mr. Barnes? 23 EARLE, Q.C.: 23 MR. BARNES: Q. Well, for instance, there seems to be a pretty A. There was a period of time in that 2004 24 24 fair lag between you getting a letter from Ctimeframe that our members wanted to take this 25 25 Page 46 Page 48 NLOPB and you responding. Is that because issue outside of our association and had 1 1 2 before you could respond, it would have to go 2 internal discussions about it within their own before the committee? 3 3 organizations, and that was an extended period of time. After having those discussions, they 4 MR. BARNES: 4 A. Generally any letters that we would write the 5 then brought it back to the association for 5 regulator would have to be drafted, reviewed further work, including the construction or 6 6 7 by the committee, and depending on the issue 7 the implementation--the formation of an being discussed would also have to be reviewed implementation committee. 8 8 9 by Executive Policy Group before being sent to 9 EARLE, Q.C.: the Board. Q. Seems rather a long time for that, Mr. Barnes, 10 10 11 EARLE, O.C.: 11 doesn't it? Q. So if we, for instance, look at the recent 12 12 MR. BARNES: 13 sequence, you received a letter from Mr. Noel, A. It took a period of time, yes, I would admit. as I call the sharp letter, on February 12th, 14 14 EARLE, Q.C.: 15 2003. You responded on March 20th, 2003, 15 Q. Tell me, you spoke in your direct evidence which is pretty well dead on five weeks later. about these people as volunteers. What do you 16 16 17 MR. BARNES: 17 mean by that? A. Um-hm. 18 MR. BARNES: 18 A. I mean that the individuals that sit on our 19 EARLE, Q.C.: 19 committee are obviously not paid individuals Q. That's a fair lag to respond to a letter. 20 20 and that they would volunteer their services Would you take it from that, that letter 21 21 22 would have had to have gone at least to your 22 from their member companies. Our member Safety Committee? companies would volunteer their services to 23 23 24 MR. BARNES: 24 sit on our committee. A. Yes, at least. 25 EARLE, O.C.:

Page 49 Page 51 at this point in time, was tasked to run this Q. But surely this is the work of these companies 1 2 every bit as much as, you know, seeing to it 2 project? that the gen set on the Terra Nova FPSO is 3 MR. BARNES: 3 functioning properly. I mean, the regulator A. No, it was a collective operation, collective 4 wrote you in 2003 and said "if you're not management of the issue. 5 5 going to do it as an industry group, we're 6 6 EARLE, Q.C.: going to start going to the companies Q. And is that the means by which you deal with 7 8 individually." 8 all your safety issues? 9 MR. BARNES: 9 MR. BARNES: A. That's correct. A. It is, because the safety issues that we deal 10 10 with as an association are industry wide 11 EARLE, Q.C.: 11 issues, and as an industry, we--if we decide Q. A pretty strong indication that the regulator 12 12 considers it part of the obligations of these as an industry to manage or to tackle those 13 13 issues, we do so as an industry and in a 14 companies. 14 consensus basis go with that consensus basis 15 MR. BARNES: 15 A. Yes. 16 goal. 16 17 EARLE, Q.C.: 17 EARLE, Q.C.: 18 Q. Surely then, these people aren't volunteers. Q. Now you've worked in this industry? They're doing the work of their company. 19 19 MR. BARNES: A. Yes. 20 MR. BARNES: 20 21 A. Yes. 21 EARLE, Q.C.: 22 EARLE, O.C.: 22 Q. Worked with the regulator, you worked with CAPP. You know the industry. That's not the Q. Through the vehicle of CAPP. 23 way this industry deals with production 24 MR. BARNES: 24 issues, is it? 25 A. Yes, that's correct. 25 Page 50 Page 52 1 MR. BARNES: 1 EARLE, Q.C.: Q. How long would your committee meet typically A. Well, what do you mean by production issues? in one of these every five or six week 3 EARLE, Q.C.: 3 Q. Well, I suggest to you that if a drill rig is meetings? 4 4 5 MR. BARNES: 5 not functioning well, there is a task group assigned to deal with the issue. There is a A. Each meeting is two hours in length. 6 7 EARLE, Q.C.: 7 leader to the issue. There are strict time O. Two hours? lines and deliverables established and if the 8 project is not delivered by a certain time, 9 MR. BARNES: 9 somebody up the ladder wants to know why. A. Yes, and on occasion we would meet between 10 10 11 those five and six week regular standing 11 MR. BARNES: committee meetings if there was an issue that A. Yes. 12 12 we had to deal with between the meeting dates. 13 13 EARLE, Q.C.: I don't want to leave the impression that the 14 14 Q. That's the way this industry operates. only time the committee talked was between Wouldn't you agree that that's your 15 15 the--or at the meeting dates. experience? 16 16 17 EARLE, Q.C.: 17 MR. BARNES: Q. Tell me, is there anyone driving this agenda A. Yes, on some of those operational issues. 18 at this point in time? 19 19 EARLE, Q.C.: O. And that is a marked contrast to how this 20 MR. BARNES: 20 HUEBA issue was dealt with. Just a totally 21 A. The industry as a collective was driving the 21 agenda of implementation of this device. different way of doing things, isn't it? 22 22 23 EARLE, Q.C.: 23 MR. BARNES: Q. Collective drivers often lead to a very 24 A. You know, the--well, it's the committee 24 diverse route. Was there an individual who, 25 process that we work on as a collective 25

November 17, 2009 Page 53 Page 55 industry on a number of these issues. 1 1 EARLE, O.C.: 2 EARLE, Q.C.: Q. So you're basically saying it's systemic lag? Q. Mr. Barnes, how did we then get to a situation 3 MR. BARNES: 3 where in 2005 when training was identified in 4 A. It is the process that unfolded in those 2003 as an issue and hygiene was identified in 5 5 years. an issue, that in 2005, we're doing a risk 6 6 EARLE, Q.C.: assessment on the training -Q. I see we're at quarter to 11, Mr. 7 8 MR. BARNES: 8 Commissioner. A. Yes. 9 COMMISSIONER: 10 EARLE, Q.C.: Q. Okay then, we'll take a break now. 10 Q. - which is the document that starts at page 38 (BREAK) 11 11 12 of the exhibit. 12 EARLE, Q.C.: 13 MR. BARNES: Q. Mr. Barnes, I just want to be clear on 13 something. The 2003 to 2005 lag, did you say 14 A. Sorry, you had a question on that risk 14 assessment? that the members decided to take the EBS 15 15 16 EARLE, Q.C.: 16 project away from CAPP for a period of time there? Q. How is it that if you've identified training 17 17 as being an issue, your March 20th, 2003 18 18 MR. BARNES: letter identified design, training, health and 19 A. I said that when--I guess I should just clarify that. The members of CAPP decided hygiene, along with use in the cold Atlantic 20 20 waters as being issues that have to be that the Safety Committee of CAPP should stop 21 21 22 resolved, and then it appears that, I think it 22 working on this issue and that they, as was January 30th or 31st of 2005, you're doing individual operators, would take the issue 23 23 a risk assessment on training for EBS use? away and have further discussion within their 24 24 own companies. So the Safety Committee, for a 25 MR. BARNES: 25 Page 54 Page 56 A. Yes, decision was made period of time in 2004, stopped working on the 1 1 2 EARLE, O.C.: 2 issue. Q. How does it take you from identifying the 3 3 EARLE, O.C.: issue in 2003 to the beginning of 2005, a year Q. So it came off the agenda essentially? 4 5 and a half plus, how does it take you that 5 MR. BARNES: long to get to the simple step of doing a risk A. Well, it stayed on the agenda, but there was 6 6 no work being done for a period of time in 7 assessment on training? 7 2004. 8 MR. BARNES: 8 A. Because in 2003, when we had the discussion 9 9 EARLE, Q.C.: paper, it identified all the issues, including Q. How long a period of time was that? 10 11 training, as you mentioned. What followed 11 MR. BARNES: that was a discussion with our Executive A. Eight months, six to eight months. 12 12 13 Policy Group regarding the actual device that 13 EARLE, Q.C.: we would select for the east coast, and that 14 14 Q. And how did it get back on the agenda? 15 device was the compressed air device. Also, 15 MR. BARNES: in that timeframe, our members, as I A. Our members basically brought the issue back 16 16 to CAPP and said, "okay, we've had some 17 mentioned, took this issue away from our 17 association for a period of time, most of internal discussions. We're going in the 18 18 19 2004, to have discussions internally within right direction that we want to go in. Please 19 their organizations, and then after those proceed with implementation." 20 20 discussions took place, it was brought back 21 21 EARLE, Q.C.: 22 into the CAPP safety committee and there was a Q. Did you inform the regulator during that 22

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24

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period of time that your members would be

dealing with the issue individually rather

than it being dealt with as an industry wide

and the issues around that device.

23

24

25

decision made then to undertake the risk

assessment of using the compressed air device

November 17, 2009	Multi-Pa	ige TM	Offshore Helicopter Safety Inquiry
Pa	age 57		Page 59
1 initiative by CAPP?	1	su	are we haven't missed anything from
2 MR. BARNES:	2	di	scounting it.
3 A. There was no formal discussion with the	3	EARLE,	Q.C.:
4 regulator, and I don't recall any informal	4	Q. W	Vell, the Hybrid was the preferred device?
5 discussion on that issue either.	5	MR. BAF	RNES:
6 EARLE, Q.C.:	6	A. T	he compressed air device was the preferred
7 Q. So January 30th and 31st of 2006, you have	e a 7	de	evice that we were working towards
8 workshop?	8	in	nplementing in eastern Canada.
9 MR. BARNES:	9	EARLE,	Q.C.:
10 A. Yes.	10	Q. A	nd if we go back to your earlier document, so
11 EARLE, Q.C.:	11	yo	ou're talking about the Hybrid as preferred.
12 Q. What's the idea of having the workshop?	12	MR. BAF	RNES:
13 MR. BARNES:	13	A. In	one of the discussion papers in 2002, the
14 A. Industry was proceeding with the	14	co	onsultant recommended going with the Hybrid
implementation of the compressed air device	ce 15	R	ebreather, yes.
and it was decided, because there were som	ne 16	EARLE,	Q.C.:
medical aspects around the use of the device	e 17	Q. A	nd then in this, at this workshop, you say
and the use of the device in training that	18	th	e compressed air device is the preferred
19 needed to be further understood that were	19	Ol	ne?
identified in the risk assessment that took	20	MR. BAF	RNES:
place in 2005 and through some other research	rch 21	A. In	2004, our members made a decision to go
that took place in the years following that we	e 22	to	wards compressed air device and to work
needed to bring in some external expertise	23	to	wards implementation of that device and in
from other international jurisdictions that	24	th	e timeframe of this workshop, which was
25 had some knowledge about risks, especiall	ly 25	20	006, we want to discuss the medical
Pa	age 58		Page 60
along the lines of medical risks.	1	in	nplications and risks associated with not
2 EARLE, Q.C.:	2		nly the compressed air device, which was the
3 Q. At page 70, you state the objective, in the	3		ecision we had made of the device to use, but
4 second paragraph there.	4		e also included Hybrid rebreather or the
5 MR. BARNES:	5		ebreathers as well, just so that we didn't
6 A. Um-hm.	6		iss any information by discounting those two
7 EARLE, Q.C.:	7		evices. Because even at that point in time,
8 Q. The objective of the workshop was to provide			ne devices weren't in widespread use in the
9 stakeholders with accurate medical training		U.	
and operational EBS information that would		EARLE,	
allow CAPP members to make an informed			in 2004 there's a decision to go with the
decision on which type of device should be			ompressed air, and this is the wonders of
implemented in east coast Canada.	13		oing backwards, because September 2002,
14 MR. BARNES:	14	_	ou're in the discussion paper, Hybrid seems
15 A. Yes.	15	-	be the way to go.
16 EARLE, Q.C.:		MR. BAF	•
17 Q. So we're still selecting the device six years	17		hat was the recommendation of the consultant,
18 -	18		es.
19 MR. BARNES:		EARLE,	
20 A. No, the general direction in 2004 was to go			There's the decision making process that led
with a compressed air device, but the though			compressed air in your exhibits?
was if we had the medical providers or		MR. BAF	-
23 medicalinternational medical expertise	23		occurredthere's nothing in our exhibits.
24 available for this workshop that they should			occurred in our Executive Policy Group, one
also look at the other davice, just to make	25		f their meetings in 2004

25

of their meetings in 2004.

also look at the other device, just to make

110101111111111111111111111111111111111	Tuge Offshore Hencopter Surety Inquiry
Page 61	Page 63
1 EARLE, Q.C.:	1 A. Again, the workshop's primary objective was to
2 Q. So there was a decision by the Executive	2 look at medical risks and other risks
3 Policy Group?	associated with the device, compressed air,
4 MR. BARNES:	but because we had the international medical
5 A. Yes.	5 experts in the room in the workshop, we
6 EARLE, Q.C.:	6 broadened it to all EBS devices, just so we
7 Q. Was there a discussion paper that went up to	7 understood all the medical risks and
8 the Executive Policy Group?	8 implications of all three devices, even
9 MR. BARNES:	9 though, as an industry, we had made the
10 A. There was a discussion paper of 2002 and any	decision and we're going towards
other material that we had produced prior to	implementation of a compressed air device.
that or during the timeframe.	12 EARLE, Q.C.:
13 EARLE, Q.C.:	Q. So this really is a mistake?
14 Q. I mean, as you've described to me, your Safety	14 MR. BARNES:
15 Committee does the work and makes	15 A. Well, it's probably a poor choice of words in
recommendations to your Executive Policy Group	that paragraph you're referring to.
if they needthen if they need to make a	17 EARLE, Q.C.:
18 decision.	Q. And who would have been the participants in
19 MR. BARNES:	this workshop?
20 A. Yes.	20 MR. BARNES:
21 EARLE, Q.C.:	21 A. I believe the workshop participants are listed
22 Q. So was there something went forward to the	there, I may be wrong. It appears that the
Executive Policy Group in 2004 to make this	workshop material doesn't include a complete
24 decision?	list of participants.
25 MR. BARNES:	25 EARLE, Q.C.:
	, ,
Page 62	Page 64
Page 62	Page 64
Page 62 1 A. Yes, there was the work that the Safety	Page 64 1 Q. Well, let me ask you this. Is the workshop
Page 62 1 A. Yes, there was the work that the Safety 2 Committee had undertaken in the months and	Page 64 1 Q. Well, let me ask you this. Is the workshop 2 addressed to CAPP members?
Page 62 1 A. Yes, there was the work that the Safety 2 Committee had undertaken in the months and 3 years prior to it, prior to that date. So it	Page 64 1 Q. Well, let me ask you this. Is the workshop 2 addressed to CAPP members? 3 MR. BARNES:
Page 62 1 A. Yes, there was the work that the Safety 2 Committee had undertaken in the months and 3 years prior to it, prior to that date. So it 4 would have been the discussion paper and some	Page 64 1 Q. Well, let me ask you this. Is the workshop 2 addressed to CAPP members? 3 MR. BARNES: 4 A. It was because we organized the workshop, but
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Page 65 Page 67 operational one, in the sense that if there 1 1 EARLE, O.C.: 2 were UK workers coming to Newfoundland to do Q. All right. Okay, go to page 107, and if you work, they would not have been trained on such could rotate that clockwise? The very first 3 3 item, "in 2002, Offshore Petroleum Board a device. 4 4 suggested industry should examine the use of 5 EARLE, Q.C.: 5 Q. This is not a decision making forum? HUEBA devices." Where did the two years go? 6 7 MR. BARNES: A. No, this was an informational workshop. 8 A. That was probably a typo, given the fact that it's 2000 that was the first time that we 9 EARLE, O.C.: 9 Q. This is an information--so could you tell us, 10 received a letter from the Board. 10 other than the compressed--to go with the 11 11 EARLE, O.C.: compressed air device, what decisions had been 12 Q. It's a fairly substantial typo, Mr. Barnes. 12 made by the beginning of 2006? So if we go to page 110? The indication here 13 13 is that "in the fall of 2005, a draft EBS 14 MR. BARNES: 14 A. At the beginning of 2006 was, again, the compressed air protocol was developed to 15 15 16 decision to move towards implementation of a 16 address concerns raised during the training compressed air device, subject to further risk assessment." 17 17 understanding of the risks associated with 18 18 MR. BARNES: using that device and in training of that 19 A. Yes. device. 20 20 EARLE, Q.C.: 21 EARLE, Q.C.: 21 Q. And then you see that there is absence of 22 Q. Yeah, that's your 2004 decision, isn't it? 22 consensus on the draft medical protocol. Now 23 this is all about training, isn't it? 23 MR. BARNES: A. 2004 decision, yes, basically it was, but it 24 24 MR. BARNES: was information that was needed after that 25 A. It was all about associated with training, Page 66 Page 68 decision was around the medical risks, so yes. 1 1 2 that, and the training risks. So that 2 EARLE, Q.C.: information still had to be gathered, plus all 3 Q. Because the real world is that we're not 3 the other aspects of implementation, producing worried about the medical risks, in terms of 4 4 5 videos, ensuring training institutes were 5 use in an emergency because the risks are ready to be trained, et cetera. But the outweighed by the benefit in the emergency 6 6 primary concern in this timeframe that we're situation. The risks we're talking about here 7 7 8 talking about here was to understand the are risks that would be incurred during 8 medical risks associated with primarily 9 training, so in training, we try and screen 9 training, but also its use. people who might have problems with breathing 10 10 11 EARLE, Q.C.: 11 compressed air, so on and so forth, right? Q. If we could look at your--when I say "your" I 12 12 MR. BARNES: mean the CAPP presentation. A. Yes, that's correct. 13 13 14 MR. BARNES: 14 EARLE, Q.C.: A. Which one are you referring to? Q. Under your next steps, page 112, "the CAPP 15 HUEBA Task Force will meet shortly after the 16 EARLE, O.C.: 16 workshop to review the meeting outcomes and 17 Q. Helicopter Underwater Escape Apparatus 17 Workshop. It's the make a recommendation to the CAPP Safety 18 18 19 Committee on EBS use in east coast Canada." 19 MR. BARNES: Are we saying that it's still up in the air in A. Is that dated January 31st, 2006? 20 21 EARLE, Q.C.: 21 2006? Q. It's the presentation that was made by CAPP at 22 MR. BARNES: 22 the workshop. A. It's possible. The direction obviously in 23 23 24 MR. BARNES: 24 2004 was to go with compressed air, and there A. Yes, okay. 25 was, obviously, some doubts as you work

Page 69 Page 71 Q. And if you go to the second paragraph, "the through the workshop and other material 1 1 implementation of the compressed air HUEBA for 2 whether that was the best device, but still 2 the direction that the industry collectively offshore east coast personnel is estimated to 3 3 was going through was compressed air. But the begin during the fourth quarter of 2007." 4 4 HUEBA Task Force still wanted to have some 5 5 MR. BARNES: further discussion on the other device, with A. Yes. 6 the intent of possibly making some other 7 EARLE, O.C.: 7 8 recommendation around it. Q. And that is "subject to the completion of the following tasks"? 9 EARLE, O.C.: Q. But all these doubts were focused on--appeared 10 MR. BARNES: 10 to be focused on medical risks during A. Yes. 11 11 12 training? 12 EARLE, Q.C.: 13 MR. BARNES: Q. And I note number two, "CAPP's Medical A. Yes. Advisory Subcommittee is revising the CAPP 14 14 medical assessment for fitness to work 15 EARLE, O.C.: 15 Q. I'm sorry I don't have the page for this. 16 guidelines to incorporate the HUEBA associated 16 Your material is somewhat voluminous and amendments, as well as appropriate changes to 17 17 difficult to handle in paper, Mr. Barnes, but medical screening and status of health 18 18 if you could go to the March 13th, 2007 letter 19 19 sections." from C-NLOPB, and that's Section 1.9 of the 20 MR. BARNES: 20 21 documents. 21 A. Yes. 22 ROIL, Q.C.: 22 EARLE, O.C.: Q. Page 193. Q. This is 2007. Aren't those the issues that 23 23 24 EARLE, Q.C.: were identified in the workshop at the 24 Q. 193. Now this is a letter to the head of your beginning of 2006? 25 25 Page 70 Page 72 organization from the head of the C-NLOPB, 1 MR. BARNES: 1 right? A. Yes, that's correct. 2 3 MR. BARNES: 3 EARLE, Q.C.: A. That's correct. Q. And they were still unresolved 15-16 months 5 EARLE, O.C.: later? Q. And it says "the Canada-Newfoundland and 6 MR. BARNES: 6 7 Labrador Offshore Petroleum Board places the 7 A. Yes, that's correct. There was no consensus highest priority on safety and believes that 8 8 among a number of medical professionals. the introduction of this additional safety 9 9 EARLE, Q.C.: equipment will help to make helicopter Q. And this is relative to training? 10 11 transport safer for all our offshore workers. 11 MR. BARNES: I would like to receive, at your earliest A. Yes. 12 12 convenience, an update on the status of this, 13 13 EARLE, Q.C.: along with a target date for its 14 14 Q. In any event, you set a fourth quarter 2007 implementation." Now at this point in time, 15 15 deadline for implementation, subject to these isn't it fair to say that you've missed five items? 16 16 17 several targets along the way? 17 MR. BARNES: 18 MR. BARNES: A. Yes. 18 A. Yes, that's correct. 19 19 EARLE, Q.C.: Q. And you missed it again this time. We'll 20 EARLE, O.C.: 20 allow that the downtime on flying interfered. 21 Q. So let's look at your response, and I think 21 it's just a couple of pages along. You missed it again by two years. Two years 22 22 23 MR. BARNES: from this letter, 16-18 months from your 23 A. Response came in a May 22nd, 2007 letter. 24 estimated time. 24 25 EARLE, Q.C.: 25 MR. BARNES:

Page 73 Page 75 A. That's correct. We had thought we would be 1 1 EARLE, O.C.: able to implement it much quicker than we 2 Q. But the full amount that is required under the legislation to be spent has not been spent? actually did. 3 3 4 EARLE, Q.C.: In fact, your industry spent a couple of years 4 Q. The question I have for CAPP is this. What litigating with the province over its 5 5 review have you undertaken of this process to obligation? 6 6 answer the questions why has this taken nine 7 MR. BARNES: 7 8 years and what do we do different to make sure A. Yeah, that's correct. that a future safety advance doesn't take nine 9 9 EARLE, O.C.: 10 years to implement? 10 Q. Now let's turn to the suits. The suit task force was formed in April of 2009, right? 11 MR. BARNES: 11 A. Yeah, that's a good question, and we have not 12 MR. BARNES: 12 undertaken that review, but it is our intent A. Yes. 13 to do a lessons learned type review to review 14 14 EARLE, Q.C.: this whole issue and its implementation with 15 15 O. And that was -16 the aim of, as you said, shortening decision 16 MR. BARNES: making on other safety matters like this. A. You say the suit task force, this was the 17 17 Helly Hansen E-452 suit task force I'm 18 EARLE, Q.C.: 18 19 Q. I noticed at one point, in terms of the 19 assuming? process, in your evidence you indicated that 20 20 EARLE, Q.C.: the Marine Institute applied to, what I took 21 Q. Yes. 21 22 to be, an industry fund for funding to pay for 22 MR. BARNES: some of the training, development of the A. Yes, okay. 23 23 training changes. Did I get that right? 24 24 EARLE, Q.C.: 25 MR. BARNES: Q. Now that suit had been in use how long? Page 76 Page 74 A. That's correct. 1 MR. BARNES: 1 A. It was implemented sometime in 2007. Our 2 EARLE, O.C.: 2 association wasn't involved in that Q. Why don't you people just pay for it? 3 implementation. 4 MR. BARNES: 4 A. Pay for? 5 EARLE, Q.C.: 6 EARLE, Q.C.: Q. And as a matter of interest, when it was 6 Q. Pay for having the training for your workers 7 implemented, that suit has the pockets or 7 developed. Why have they got to go apply to a whatever you want to call it, the design to 8 8 carry the HUEBA, doesn't it? fund? 9 10 MR. BARNES: 10 MR. BARNES: 11 A. I have no answer for that, other than that's 11 A. To carry the compressed air device, yes. 12 how it occurred. 12 EARLE, O.C.: Q. Yes. So that was available with the 13 EARLE, Q.C.: 13 Q. Isn't it true that your members, under the implementation of this suit in 2007? 14 14 Accord legislation, have an obligation to 15 MR. BARNES: 15 spend money on research and development in A. That's right. 16 17 this province? 17 EARLE, Q.C.: Q. Now this suit task force, well, there's no 18 MR. BARNES: 18 A. Yes. 19 other way to say it than this task force was 19 formed as a result of the concerns that were 20 EARLE, O.C.: 20 21 Q. And isn't it true that in fact the money has 21 being voiced very loudly about this suit as of not been spent to date? the days following the crash of the Cougar 22 22 helicopter, right? 23 MR. BARNES: 23 A. There has been money spent to date on research 24 MR. BARNES: 24

25

A. The task group was formed to address issues

and development.

November 17, 2009	Multi-Page Offshore Hencopter Safety Inquir
	Page 77 Page 7
1 that arose in that time frame.	earlier than that, there were more than 150 on
2 EARLE, Q.C.:	the no-fly list, right?
3 Q. Yes.	3 MR. BARNES:
4 MR. BARNES:	4 A. Possible. I don't know the number.
5 A. Yes.	5 EARLE, Q.C.:
6 EARLE, Q.C.:	6 Q. Now why were they on the no-fly list?
7 Q. However, your members were aware of	ssues 7 MR. BARNES:
8 with respect to the fit of those suits prior	8 A. Because they didn't have a properly fitted
9 to the crash, weren't they?	9 survival helicopter passenger survival suit.
10 MR. BARNES:	10 EARLE, Q.C.:
11 A. I believe so.	11 Q. Their suit didn't fit?
12 EARLE, Q.C.:	12 MR. BARNES:
13 Q. And your presentation on this -	13 A. That's correct.
14 MR. BARNES:	14 EARLE, Q.C.:
15 A. Which document are you referring to?	Q. And this suit had been in service since 2007?
16 EARLE, Q.C.:	16 MR. BARNES:
17 Q. I got to locate it amongst my own docum	nts 17 A. Yes.
now, Mr. Barnes.	18 EARLE, Q.C.:
19 ROIL, Q.C.:	19 Q. So the conclusion is that we have 150 people
20 Q. The document they sent to Standards Bo	rd? 20 who have been flying on the helicopters with
21 (Inaudible).	suits that are supposed to fit that don't fit,
22 EARLE, Q.C.:	right?
23 Q. Your presentation, it's another one of thes	23 MR. BARNES:
slide shows on the suit, to theI believe	24 A. That's quite possible.
it's to the regulators.	25 EARLE, Q.C.:
	Page 78 Page 8
1 MR. BARNES:	1 Q. What do you mean, quite possible? Isn't that
2 A. Okay.	2 in fact the case?
3 EARLE, Q.C.:	3 MR. BARNES:
4 Q. Want to get that up?	4 A. I can't say for sure because we, as an
5 ROIL, Q.C.:	5 association, myself, were not involved in any
6 Q. Exhibit No. 62.	6 of the -
7 MR. BARNES:	7 EARLE, Q.C.:
8 A. Assume it's this one here, this is the status	8 Q. But you made the presentation, didn't you?
9 report presentation to the Board in October	9 MR. BARNES:
10 EARLE, Q.C.:	10 A. Yes, and -
11 Q. Yes.	11 EARLE, Q.C.:
12 MR. BARNES:	12 Q. Well, I would assume you were informed.
13 A. Yes. October 2nd, 2009.	13 MR. BARNES:
14 EARLE, Q.C.:	14 A. And the presentation simply says as of
15 Q. Let me go to the second page, beyond th	
16 next page.	that did not have a properly fitted suit.
17 MR. BARNES:	17 EARLE, Q.C.:
18 A. This one here, the fit process?	18 Q. And these 150 were150, you break it out
19 EARLE, Q.C.:	between regular full-time people going to the
20 Q. Yeah. There we go. Statistics, 150 on	platform, people who don't work a regular
21 current no-fly list.	rotation but frequently go, and then people
· ·	
22 MR. BARNES:	22 who go on, I guess you'd call it, an
22 MR. BARNES: 23 A. As of September 30th, yes.	infrequent basis, right?
22 MR. BARNES:	infrequent basis, right?MR. BARNES:

Multi-Page TM November 17, 2009 Offshore Helicopter Safety Inquiry Page 81 Page 83 A. I can't say that for certain. It all depends 1 EARLE, O.C.: Q. So we have 150 people who have been flying to 2 on the desire the platform from 2007 to September 30th, 3 3 EARLE, O.C.: 2009. Was there any other suit available for 4 Q. As of this date, Mr. Barnes. these people, other than the Helly Hansen 452? 5 5 MR. BARNES: 6 MR. BARNES: A. As of this date, that's not on our action A. Not to my knowledge. 7 plan, no. 8 EARLE, Q.C.: 8 EARLE, Q.C.: O. No. so we have this suit, that's what's Q. How do things get on the action plan of your available to them, and at least as of 10 Safety Committee? 10 September 30th, we know that there's 150 of 11 11 MR. BARNES: 12 them for whom the suit does not fit? A. Generally members bring it to the attention of 12 13 MR. BARNES: the committee and wish to work on it as a 13 collective or the regulator brings the issue 14 A. Right. 14 to the attention of industry. 15 EARLE, Q.C.: 15 Q. And I suggest to you that it is a reasonable 16 EARLE, Q.C.: 16 inference that it did not fit on September Q. As the industry association, have you heard 17 17 29th or for some period before September 30th. from C-NLOPB on these questions? Have they 18 18 19 MR. BARNES: 19 asked you what are you doing to see how it was that 150 people were allowed to fly with suits A. Yes, I would assume that as well. 20 20 that didn't fit? 21 21 EARLE, Q.C.: 22 Q. Now what has your industry done about finding 22 MR. BARNES: out how it is that these people were flying on 23 A. No, the Offshore Petroleum Board has not asked 23 helicopters in suits that didn't fit? us that question. 24 24 25 MR. BARNES: 25 EARLE, Q.C.: Page 82 Page 84 A. As an association, we have not been involved Q. Just to a point for clarification, the CORD 1 1 in investigation of that issue in any way. I 2 study on egress or ingress, I guess, of water 2 don't know if our members may have into the suit. The condition precedent for 3 3 individually, but certainly within our that testing was that the suit properly fit, 4 4 5 association, we have not undertaken any of right? that activity. 6 MR. BARNES: 6 7 EARLE, Q.C.: A. Yes. Q. So you have no involvement? 8 EARLE, O.C.: Q. Now you indicated that there is likely to be 9 MR. BARNES: some further testing of the E-452 for thermal A. That's correct. 10 11 EARLE, Q.C.: 11 properties? Q. So you will not be, as an association, as the 12 12 MR. BARNES: 13 industry-wide group that has a task force on A. Yes, that's correct. 13 rectifying the problem, you will not be 14 14 EARLE, Q.C.: looking at how it was that this problem Q. Why is that? Are there some questions about 15 15 existed in the first place? the thermal properties of the E-452? 16 16 17 MR. BARNES: 17 MR. BARNES: A. Certainly not a part of our current action A. There has been some issues raised with respect 18 18 to thermal properties that it was decided that 19 plan. 19 we should undertake some additional testing. 20 EARLE, O.C.: 20 21 Q. And I take it from that, that you will 21 EARLE, Q.C.:

22

23

25

24 MR. BARNES:

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Q. Do we know how long this problem with the

gloves has existed?

A. No, I do not.

likewise not be looking at how it was that

detected or acted upon until after the crash?

this problem and the need to remedy it was not

22

23

24

25 MR. BARNES:

	onshore Hencopter Sarety Inquiry
Page 85	Page 87
1 EARLE, Q.C.:	1 A. I have never received it as an association.
2 Q. The gloves that are being modified, are they	2 EARLE, Q.C.:
3 the gloves that were issued with the E-452	3 Q. Okay.
4 when it was brought into -	4 MR. BARNES:
5 MR. BARNES:	5 A. Results of the survey were given to individual
6 A. Into service in 2007?	6 operators that work offshore Newfoundland.
7 EARLE, Q.C.:	7 EARLE, Q.C.:
8 Q into service? That's the word I'm looking	8 Q. Now your August 28th, 2009 letter on the
9 for, thank you.	9 training in the HUET, could we have that
10 MR. BARNES:	brought up, please?
11 A. Yes.	11 MR. BARNES:
12 EARLE, Q.C.:	12 A. August 2009 letter on the training in the
Q. So there has not been a change in the gloves	13 HUET? Do you have the -
since the E-452 came into service, other than	14 EARLE, Q.C.:
these most recent changes?	15 Q. It's -
16 MR. BARNES:	16 ROIL, Q.C.:
17 A. That's right.	17 Q. Under the BST course review.
18 EARLE, Q.C.:	18 EARLE, Q.C.:
19 Q. And I take it that CAPP is not engaged in any	19 Q. Yes, 4.1 is the -
20 reviews or studies to see how it was that	20 MR. BARNES:
21 these problems with the gloves could have	21 A. I'm sorry, I don't know the exhibit you're
	22 referring to.
_	
not appear to have been a successful mechanism to address it?	23 EARLE, Q.C.:
	Q. Document 4.1, August 28th, 2009 CAPP letter,
25 MR. BARNES:	plus final draft EER Guide.
Page 86	Page 88
1 A. You're correct. Our association has not been	1 MR. BARNES:
1 A. You're correct. Our association has not been	1 MR. BARNES:
1 A. You're correct. Our association has not been involved in that discussion.	1 MR. BARNES: 2 A. Okay.
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 A. You're correct. Our association has not been involved in that discussion. EARLE, Q.C.: Q. Now Helly Hansen did a survey in the third 	1 MR. BARNES: 2 A. Okay. 3 ROIL, Q.C.: 4 Q. (Inaudible).
 1 A. You're correct. Our association has not been 2 involved in that discussion. 3 EARLE, Q.C.: 4 Q. Now Helly Hansen did a survey in the third 5 quarter of 2008 on the suits? 	1 MR. BARNES: 2 A. Okay. 3 ROIL, Q.C.: 4 Q. (Inaudible). 5 UNKNOWN SPEAKER:
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1 A. I think you must be referring to another issue	_	sure that the HUET is a good representation of
2 other than the CER Guide, but		what the individual will be travelling in.
3 EARLE, Q.C.:		What procedures are there to make sure that
4 Q. Maybe that's the problem because it doesn't		the two match up?
5 appear to be that.	5 MR. BA	-
6 MR. BARNES:		There's certainly no procedures within our
7 A. Yeah, sorry. To answer your question what		association to undertake that activity.
1		Whether the Marine Institute undertakes it or
8 stroking seat is 9 EARLE, Q.C.:	-	someone else, I'm not sure.
10 Q. Yes.	10 EARLE	
11 MR. BARNES:	1	Is CAPP the interface between the industry and
12 A. In helicopters, the passenger seat has the		the trainers?
ability upon impact, if a helicopter happens	13 MR. BA	
to ditch in water, it compresses, the seat		Sometimes, only in the sense that the trainers
compresses slightly to absorb some of the		set on the Training Qualification Committee of
impact.		CAPP, and we discuss items of mutual interest
17 EARLE, Q.C.:		in that committee discussion, but quite
18 Q. Okay.		frequently our members who use the Marine
19 MR. BARNES:		Institute for training of their own personnel
20 A. So the point I was referring to when I made		would have interaction with that institute
that in my presentation was that when we did	1 21	directly.
the course quality review at the Marine	22 EARLE	E, Q.C.:
23 Institute, the chairs that are used in their	23 Q.	It seems to me that if it is not CAPP, because
helicopter underwater escape trainer does not	24	the training is intended to be transferable
stroke like the chairs used in the helicopters	25	from employer to employer, maybe really on the
Pa	ge 90	Page 92
1 offshore.	-	east coast covering at times as many as 7, 8,
2 EARLE, Q.C.:		or 9 operators, that for transferability
3 Q. That's what I understood you to be saying in		reasons that the interface should be industry
4 that, and I thought it was this August 28,		wide. Would you agree with that?
5 2009, letter that you'd referred me to, but I	5 MR. BA	
6 got the impression that you had conducted yo		I would agree.
review and as you were writing the letter, it	7 EARLE	
8 was recognized that there was this stroking		But that is not formalized, it's something
9 seat issue and although it had not been looked		that happens if your members want it?
at in the review, you felt that you should add	10 MR. BA	**
it in?		That's correct.
12 MR. BARNES:	12 EARLE	
13 A. Yes.		So you would not be able to tell us, for
13 A. 1es. 14 EARLE, Q.C.:		instance, if when Cougar put this auxiliary
15 Q. Have I got that right? 16 MR. BARNES:		fuel tank in the helicopters, there was any
		training response to that change in the
17 A. That's correct.		helicopter?
18 EARLE, Q.C.:	18 MR. BA	
Q. So tell me what procedures are there in place		There was certainly no discussion within any
such that when there is a new helicopter		of the CAPP committees or processes to that
brought into service, or when there is a		effect.
modification made to the helicopter, such as	22 EARLE	
the stroking seat, that the HUET underwater		Now you also touched on your committee on the
emergency trainer, as I understand, is	24	standard practise for training and
compared to the actual in-service unit to be		qualifications?

Page 02	Poss 05
Page 93	Page 95
1 MR. BARNES:	1 MR. BARNES:
2 A. Yes, that's basically the Training	2 A. Yes, the certificates that individuals that
3 Qualifications Committee. That committee	3 are helicopter landing officers, the
4 maintains the standard practise document.	4 certificates that they require are listed in
5 It's one of the main one of the main	5 the standard practise.
6 activities of that committee.	6 EARLE, Q.C.:
7 EARLE, Q.C.:	7 Q. I understand that you have recently modified 8 the course for the helicopter landing officers
8 Q. And I understand from what you said that that	1
9 committee operates within a regulatory	9 from two days to one day. Are you aware of
framework, that it is essentially a delegate	10 that?
of the regulator in the sense that it develops	11 MR. BARNES:
the standards of practise for training and	12 A. I don't have documentation to that effect, but 13 there was a modification to that course that
qualifications under a specified mandate from	
the Offshore Board, brings it back to the Offshore Board for ratification, and then	will be reflected in the next version of the
· · · · · · · · · · · · · · · · · · ·	guide. I can't say specifically because again I don't have it in front of me if that was
those standards become part of the license of	
the operators, is that correct?	
18 MR. BARNES:	18 EARLE, Q.C.: 19 Q. And I'm also given to understand that under
19 A. Yes, part of the work authorization process. 20 It becomes a condition of the work	Q. And I'm also given to understand that under this standard practise for training and
	21 qualifications, when these changes are made,
	they're supposed to go to the JOHS committees?
license. So individual operators are given an authorization to undertake work offshore.	23 MR. BARNES:
24 EARLE, Q.C.:	24 A. That's correct.
125 O I h-hm	25 FARIE O.C.
25 Q. Uh-hm.	25 EARLE, Q.C.:
Page 94	Page 96
Page 94 1 MR. BARNES:	Page 96 1 Q. And do you know if this recent change for
Page 94 1 MR. BARNES: 2 A. That is exploration work or production, and	Page 96 1 Q. And do you know if this recent change for helicopter landing officers has gone to the
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24 EARLE, Q.C.:

25

Q. But what mechanisms do you have in place to

Q. What about helicopter landing officers.

24 EARLE, Q.C.:

November 17, 2009 Mul	u-Page	Offshore Hencopter Safety Inquiry
Page 97	7	Page 99
see that the requirements, of what is after	1	members, oil and gas companies, for their use
2 all a delegated regulatory scheme, are	2	in the JOHS Committee meetings.
3 followed?	3 EARI	LE, Q.C.:
4 MR. BARNES:		Mr. Commissioner, this is clearly a matter
5 A. The mechanism we have in place is simply that	5	within the jurisdiction of this Inquiry. I
6 our members report back to the Training and	6	mean, the training and qualifications of the
7 Qualifications Committee that that activity	7	helicopter landing officer, so I think it's an
8 was done, and the regulators have, I guess, a	8	appropriate area for you to go, but beyond
9 second activity, if they wish to undertake it,	9	that, I think it also is something that we
and that is they sit on the Training	10	should look at in terms of seeing how these
Qualifications Committee as well, and they	11	mechanisms work. Do they, in fact, in
have access to the minutes of the JOHS	12	practise, flow out to the safety committees,
13 Committee meetings. So they can make a	13	is there a good verification system so that we
quality check if they so choose to see if that	14	can be assured that they go out to the safety
15 activity was actually done.	15	committees and the feedback comes back. So I
1		
16 EARLE, Q.C.:	16	would ask that Mr. Barnes be asked to produce
Q. You said the Safety Committee members have	17	for your Inquiry the documents on that
18 access to the minutes of the JOHS	18	particular recent change in the training for
19 MR. BARNES:	19	helicopter safety officers, again so you can
20 A. No, the Petroleum Board members.	20	explore how these mechanisms are working.
21 EARLE, Q.C.:		MISSIONER:
22 Q. The Petroleum Board does?		Are these documents within your control, Mr.
23 MR. BARNES:	23	Barnes?
24 A. Yeah, both Petroleum Boards have		BARNES:
25 representatives on the Training and	25 A.	They are, and we can provide that to the
Page 98	₹	Page 100
E	´	rage 100
1 Qualifications Committee.	1	Inquiry if you wish.
	1	•
1 Qualifications Committee.	1 2 COM	Inquiry if you wish.
1 Qualifications Committee. 2 EARLE, Q.C.:	1 2 COM 3 Q.	Inquiry if you wish. MISSIONER:
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Page 101 Page 103 o. Yes. Q. Mr. Earle has been very thorough and he's 1 2 MR. BARNES: 2 touched on a lot of areas that I was intending A. It would be several years ago now. to touch on, and I certainly don't intend to 3 duplicate that in any way. I'm just going to 4 EARLE, Q.C.: 4 Q. Several years ago? explore a couple of areas with you and seek 5 5 6 MR. BARNES: clarification and/or a direct response if I 6 can on some of the matters that are still of A. Yeah. 7 8 EARLE, Q.C.: 8 concern to me. The first issue, and I'm going Q. Does it bother CAPP that 12 years into the to follow through on the suits, and Mr. Earle 9 offshore operations we don't have yet certainly spent some time on that in the 10 10 Occupational Health and Safety Regulations? latter part of his questioning, you dealt with 11 11 the passenger suits yesterday and I think you 12 MR. BARNES: 12 A. Yes, it does. We have written a number of refer to that as the aviation suit. That's 13 13 14 letters to the Provincial Governments of 14 the same suit we're referring to? Newfoundland and Nova Scotia, and the Federal 15 15 MR. BARNES: 16 Government, stating our concern over that 16 A. Yes, the correct name is helicopter passenger fact, seeking updates from time to time as to transportation suit, but it has other names 17 17 the status of those regulations. that people refer to it, one of which is the 18 18 19 EARLE, O.C.: 19 aviation suit. Q. Thank you, Mr. Barnes, you've been helpful, 20 20 MR. MARTIN: and I know at times it's been tedious, but I 21 21 Q. Okay, and that was the suit that the 22 think we need to go through these things to 22 passengers were wearing in March of this year, understand how the processes work and where is that correct, the aviation suit or the 23 23 the strengths and weaknesses of the system 24 24 passenger suit? are. Thank you. 25 25 MR. BARNES: Page 102 Page 104 A. Yes, that's correct. 1 COMMISSIONER: 1 Q. Thank you, Mr. Earle. Now I'm going to canvas 2 MR. MARTIN: 2 3 you, Ms. O'Brien, and Mr. Martin, as to would Q. Now you indicated yesterday that there were a 3 number of issues associated with these suits you prefer to start questioning now or wait 4 4 until after lunch. 5 and that you got a letter from the Board, the 5 6 MR. MARTIN: Petroleum Board or the regulator, on March 6 20th. I'm wondering if you could turn that 7 7 Q. My questions shouldn't be too long. Mr. Earle has been very thorough. I can get mine done letter up, please. 8 8 9 MR. BARNES: 9 before lunch. A. This is -- do you know the exhibit? 10 COMMISSIONER: 10 11 Q. All right. Is that all right with you, Ms. 11 MR. MARTIN: Q. March -- I don't recall the exhibit. I think 12 O'Brien? 12 13 MS. O'BRIEN: 13 it might have been 53, but it was March 20th '09 letter from the Board. Q. Yes. 14 14 15 MR. BARNES: 15 COMMISSIONER: Q. All right then, Mr. Martin, if you would. A. Page 317? 17 MR. PAUL BARNES - EXAMINATION BY MR. JAMIE MARTIN: 17 MR. MARTIN: 18 Q. I don't have the -- I did have the page 18 MR. MARTIN: numbers in my notes. 19 Q. Good morning, Mr. Barnes. I guess it's good 19 20 afternoon now. I'm Jamie Martin. I represent 20 MR. BARNES: 21 the families of the deceased passengers on the A. 317, I think we're talking. Cougar aircraft in March of this year. 22 MR. MARTIN: 22 Q. March 20th, okay. 23 MR. BARNES: 23 24 A. Good afternoon, Mr. Martin. 24 MR. BARNES: 25 A. Is this the letter you're referring to? 25 MR. MARTIN:

Page 105	Page 107
1 MR. MARTIN:	1 A. That's correct.
2 Q. Yes, that's the letter, and it was from Mr.	2 MR. MARTIN:
3 Pike, the Head of Safety at the Board, and	3 Q. And your members in turn consulted with Helly
4 he's essentially asking you to deal with some	4 Hansen?
5 correct me if I'm wrong, he's asking you to	5 MR. BARNES:
6 deal with some issues pertaining to helicopter	6 A. That's correct.
7 suits that are currently in use, is that	7 MR. MARTIN:
8 correct?	8 Q. Now that resulted in a letter
9 MR. BARNES:	9 MR. BARNES:
10 A. Yes.	10 A. I should clarify one thing.
11 MR. MARTIN:	11 MR. MARTIN:
12 Q. That's the primary purpose of that, and you	12 Q. Sure.
yesterday indicated that you consulted with	13 MR. BARNES:
14 your members?	14 A. It's quite possible during the development of
15 MR. BARNES:	this letter that we may have either myself
16 A. Yes.	or one of my staff members may have had to
17 MR. MARTIN:	17 contact Helly Hansen to seek some
18 Q. And you consulted with Helly Hansen, is that	18 clarification because we have had some
19 correct?	19 conversations with Helly Hansen on
20 MR. BARNES:	20 particularly testing matters.
21 A. Yes.	21 MR. MARTIN:
22 MR. MARTIN:	22 Q. Okay. Now that resulted in a letter back to
23 Q. Now who would have instructed you to speak to	the Board, I recall, on May 21st, is that
24 Helly Hansen? I know they're the	24 correct?
25 manufacturers of the suit, but would you have	25 MR. BARNES:
Page 106	Page 108
done that on your own accord, or would someone	1 A. That's correct, and that outlined all of the
done that on your own accord, or would someone from your Executive Policy Group have	1 A. That's correct, and that outlined all of the 2 issues that were brought to our attention
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breathing devices which originated from a	1 that's correct?
2 February 2000 letter from Mr. Pike, and	2 MR. BARNES:
3 culminated in implementation almost ten years	3 A. Yes.
4 later, so are there other examples of where	4 MR. MARTIN:
the Board would have elicited your I'm not	5 Q. And how did that arise? You may have dealt
6 looking for an exhaustive list now, but it's	6 with it yesterday, but I'm still a bit
7 not uncommon for the Board to elicit your	7 unclear. Did that Board ask you to give an
8 input?	8 update because you gave a very thorough
9 MR. BARNES:	9 presentation to the Board?
10 A. That is correct. It's quite common actually.	10 MR. BARNES:
11 MR. MARTIN:	11 A. Right.
12 Q. Okay.	12 MR. MARTIN:
13 MR. BARNES:	
14 A. On a number of issues.	14 that be fair to say?
15 MR. MARTIN:	15 MR. BARNES:
Q. But on suits, you indicated that was the first	16 A. I was asked by the Board to consult with our
time your association has become involved in	members and to give them an update as to the
that particular issue?	current fit program that our members were
19 MR. BARNES:	undertaking with the survival suits with
20 A. That's correct.	20 the helicopter passenger suit.
21 MR. MARTIN:	21 MR. MARTIN:
22 Q. Now I note that the issue of the gloves,	22 Q. Okay, now
because you would have canvassed your members	23 MR. BARNES:
24	24 A. So we consulted with our members, developed
25 MR. BARNES:	25 that PowerPoint deck, met with the Board with
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1 A. Yes.	our members present, and I delivered the deck.
2 MR. MARTIN:	2 MR. MARTIN:
3 Q. And would you canvas them do you write them	3 Q. Because towards the end of that presentation,
4 individually and say, you know, what are the	4 you talked about the glove enhancement
5 concerns here, or how do you go about that?	5 project?
6 MR. BARNES:	6 MR. BARNES:
7 A. It could be a number of different	7 A. Yes.
8 communication mechanisms, e-mail primarily,	8 MR. MARTIN:
9 the fact that we have this request from the	9 Q. Is that correct?
Board and we're seeking their input into	10 MR. BARNES:
providing a response back to the Board, or it	11 A. Yes.
could be discussed within one of our	12 MR. MARTIN:
13 committees.	13 Q. And that was Helly Hansen's project, is that
14 MR. MARTIN:	14 correct?
15 Q. Okay. Now I don't recall, correct me if I'm	15 MR. BARNES:
wrong, I don't recall any reference made in	16 A. That's correct, yes.
your May 20th letter about gloves. Would that	17 MR. MARTIN:
be fair to say?	18 Q. Okay. Now Mr. Earle asked you when you first
19 MR. BARNES:	became aware of the glove issue because you
20 A. I don't recall that either, no. I'm just	20 will recall the testimony of Mr. Decker that
21 flipping through the document here and I don't	21 he found the gloves to be inadequate, and I
see any reference to gloves.	think one of the reasons one of the
23 MR. MARTIN:	explanations you gave is that they were
24 Q. Because you ultimately make a presentation to	24 difficult to put on the individual's hands,
25 the Board, I believe in early October of '09,	25 and that was Mr. Decker's evidence, if I'm
125 the board, I deficite in early october of 07,	25 and that was wit. Decker's evidence, if I ill

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1 paraphrasing you correctly. You heard		doesn't show up in the May 20th 2009 letter
2 Decker's evidence here on November 5th	? 2	when you canvassed presumably all your members
3 MR. BARNES:	3	by e-mail or otherwise.
4 A. I did.	4	MR. BARNES:
5 MR. MARTIN:	5	A. Uh-hm.
6 Q. Okay, now my question is, you canvasse	ed the 6	MR. MARTIN:
7 members as to what the issues were w	rith 7	Q. Mr. Decker speaks about it extensively during
8 survival issues, suit issues?	8	his presentation. Do you have any knowledge
9 MR. BARNES:	9	as to whether the glove issue was identified
10 A. Yes.	10	as a concern prior to March 12th of this year?
11 MR. MARTIN:	11	MR. BARNES:
12 Q. And you presumably you got an exhau	istive 12	A. I have no knowledge of that, no.
list back, and on May 20th, there's no	13	MR. MARTIN:
reference to the gloves?	14	Q. Okay. Now in terms of the involvement of the
15 MR. BARNES:	15	association in suit related issues, correct me
16 A. Right.	16	if I'm wrong, but I thought you made reference
17 MR. MARTIN:	17	yesterday to a 2003 survey, is that correct?
18 Q. Mr. Earle asked you when you first bec	came 18	MR. BARNES:
aware of the glove issue, and I believe yo	our 19	A. Sorry, a 2003
answer was you don't recall. Do you rec	call 20	MR. MARTIN:
when you became aware obviously you	made a 21	Q. A 2003 survey? Now Mr. Earle referred to a
presentation on it in October of '09.	22	2008 survey of Helly Hansen.
23 MR. BARNES:	23	MR. BARNES:
24 A. Yes.	24	A. Yes.
25 MR. MARTIN:	25	MR. MARTIN:
]	Page 114	Page 116
1 Q. Helly Hansen were doing some work on enhan		Q. Was there a 2003 survey as well?
the product. You spoke about it to the Board	-	MR. BARNES:
at the presentation on October 2nd '09, but	3	A. There was a 2003 survey done by our Training
4 was that at what point in time did you	4	Qualifications Committee of the offshore
5 actually become aware that there was an issue	5	workforce regarding issues around basic
6 with the gloves?	6	survival training.
7 MR. BARNES:	7	MR. MARTIN:
8 A. As an association, when we were developing	g 8	Q. Yes, and I believe, if my memory serves me
9 that PowerPoint deck for delivery to the	9	correct, that over 600 people responded to
Board, it was suggested by members that we a	ndd 10	that survey?
those slides in to talk about the glove	11	MR. BARNES:
redevelopment process. So as an association,	12	A. Yes.
it's the first time that we were aware of the	13	MR. MARTIN:
14 glove issue.	14	Q. I think that was your evidence, but it was a
15 MR. MARTIN:	15	fairly exhaustive survey and there was a good
16 Q. So it was perhaps when, just before the	16	response rate, would it be fair to say?
presentation that you made to the Board?	17	MR. BARNES:
18 MR. BARNES:	18	A. Yes, I believe so, yes.
19 A. Yes.	19	MR. MARTIN:
20 MR. MARTIN:	20	Q. And I believe your evidence yesterday was that
21 Q. Okay. Now in terms of your members, and		there were problems identified at that time
22 know you most members are part of CAPP. I		with the suits?
you have any knowledge acquired at any poir		MR. BARNES:
in time as to when the members would have become aware of the glove issue because it		A. Yes. MR. MARTIN:

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1 Q. Maybe you could turn up that survey, and again	1 MR. BARNES:
2 I apologize, I don't know the page reference	2 A. Right.
or the exhibit number, but it was reference to	3 MR. MARTIN:
4 a 2003 survey.	4 Q. And the first time you became aware, as an
5 MR. BARNES:	5 association, of any concerns with the suits
6 A. Yeah. This is the survey in question.	6 was when you canvassed your members after
7 MR. MARTIN:	7 March 12th '09. Is that what you're saying?
8 Q. Yeah, I believe it is, 2003, and it was	8 MR. BARNES:
9 commissioned for the for CAPP, is that	9 A. On this particular suit that's in place today.
10 correct?	10 MR. MARTIN:
11 MR. BARNES:	11 Q. So from 2007 to March 20th of 2009, when you
12 A. It was a decision of our Training	were asked by the Board to initiate a review,
Qualifications Committee in CAPP to undertake	you had heard of no concerns?
this survey of the offshore workforce at the	14 MR. BARNES:
15 time.	15 A. As an association, that's correct.
16 MR. MARTIN:	16 MR. MARTIN:
17 Q. And I believe there were questions asked about	17 Q. But yet we heard you were present, I
the suits or there was a concern identified	presume, for the evidence of the Board?
about the suits, and that's the portion of the	19 MR. BARNES:
survey results that I would like to refer to,	20 A. Yes.
21 if I could.	21 MR. MARTIN:
22 MR. BARNES:	22 Q. And Mr. Pike alluded to complaints that were
23 A. Okay. The questions were asked of the	made to the Board about suits. Do you recall
offshore workforce about their thoughts on the	24 I'm not asking you to specifically recall
basic survival training and the basic survival	it, but do you generally recall evidence to
Page 118	Page 120
training recurrent course, and in the process	1 that effect?
2 of that survey just to get this document up	2 MR. BARNES:
3 here. In the process	3 A. Yes.
4 MR. MARTIN:	4 MR. MARTIN:
5 Q. So the problem you go ahead. I believe	5 Q. But the Board, would it be fair to say I'm
6 there's reference to suit issues.	6 not asking you to speak for the Board. You
7 MR. BARNES:	7 never became aware, as an association, of what
8 A. Yes.	8 if any concerns were made to the Board about
9 MR. MARTIN:	9 suits, size, quality, or whatever?
10 Q. Size issues, survival suits worn during the	10 MR. BARNES:
course are not designed for females or smaller	11 A. That's right.
size people. The suits are bulky and too big	12 MR. MARTIN:
to ensure proper seals.	13 Q. I'm almost finished. I just want to explore
14 MR. BARNES:	with you a little bit further, you were asked
15 A. Yes.	15 Mr. Earle asked you, following from your
16 MR. MARTIN:	presentation to the Board in October of '09,
17 Q. So you were aware, as an association, back as	and I may have misinterpreted the evidence,
far as 2003 that there were issues with those	but you, as an association, correct me if I'm
19 suits?	wrong, don't seem to be overly concerned about
20 MR. BARNES:	20 the no fly individuals, the 150 people who
21 A. This is a different suit than is in place	can't get a properly sized suit, you said it's
22 today.	not on your radar screen, it's not something
23 MR. MARTIN:	that you're following up on, as an
Q. But the so are you saying that the new	24 association. Do you recall your evidence,
175 cuit that c in place post is 70000	25 because Mr. Farle spent some time on that and

25

because Mr. Earle spent some time on that, and

suit that's in place now is 2007?

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it followed from his questions on your October	who can't fly to the offshore because they	
2 '09 presentation to the Board, I believe.	don't have a properly fitted suit?	
3 MR. BARNES:	3 MR. BARNES:	
4 A. Yeah.	4 A. The Board asked that question. That was why	
5 MR. MARTIN:	5 we delivered that PowerPoint to show what we	e
6 Q. But you said it's not on your agenda, it's not	6 were doing with those 150.	
7 on your radar screen?	7 MR. MARTIN:	
8 MR. BARNES:	8 Q. Yeah, but the it's not on your radar screen	
9 A. The question he asked was whether our	9 to follow through on that? I think that was	
association was looking into the issue of	10 your evidence.	
those 150 individuals flying between the time	11 MR. BARNES:	
period of them receiving the suit and the	12 A. The evidence was that we weren't following	
decision not to fly.	through on the question I was asked by Mr.	
14 MR. MARTIN:	Earle was is there any investigation as to	
15 Q. So you're not following upon it, as an	what happened prior to that September 30th	
16 association?	date, as to whether people were flying with	
17 MR. BARNES:	the survival suit that didn't fit or not.	
18 A. It's not part of our action plan, that's	18 MR. MARTIN:	
19 correct.	19 Q. But you're not following up on that, as an	
20 MR. MARTIN:	20 association?	
21 Q. It's not part of your Safety Committee agenda?	21 MR. BARNES:	
22 MR. BARNES:	22 A. That's correct.	
23 A. Not at the moment, no.	23 MR. MARTIN:	
24 MR. MARTIN:	Q. The Board hasn't made representation to you?	
25 Q. Not at the moment. You were asked by Mr.	25 MR. BARNES:	
Page 122	Page	124
1 450 122	ruge	144
1 Earle whether the Board had made any	1 A. That's right.	124
	•	124
1 Earle whether the Board had made any	1 A. That's right.	124
Earle whether the Board had made any representations to you, as an association,	1 A. That's right. 2 MR. MARTIN:	124
Earle whether the Board had made any representations to you, as an association, similar to what they did for the breathing	 A. That's right. MR. MARTIN: Q. Then who's looking after that issue? 	124
Earle whether the Board had made any representations to you, as an association, similar to what they did for the breathing apparatus in 2000, similar to what they did	 A. That's right. MR. MARTIN: Q. Then who's looking after that issue? MR. BARNES: 	124
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1 Q. Could would you undertake to do that, if	whether the 150 people on the "no fly list" as
2 you could?	at September 30th were, in fact, flying with
3 MR. BARNES:	3 suits that were available prior to that time.
4 A. Yes.	4 COMMISSIONER:
5 MR. MARTIN:	5 Q. I see, okay, and I suppose that's material
6 Q. That's essentially my questions. Thank you	6 that can be obtained, can it, Mr. Barnes?
very much, Mr. Barnes. Thank you, Mr.	7 MR. BARNES:
8 Commissioner.	8 A. Yes, we can ask our members for that
9 COMMISSIONER:	9 information.
10 Q. Thank you, Mr. Martin. Now Ms. O'Brien, it's	10 COMMISSIONER:
25 past. I should think you'll probably want	11 Q. I see, and I notice you standing up, Mr.
1	
to start at 2 o'clock, is that	
13 MS. O'BRIEN:	13 MR. MARTIN:
14 Q. Okay.	Q. I just I don't know if you can hear me from
15 COMMISSIONER:	15 here.
16 Q. All right then, we'll adjourn until 2 o'clock.	16 COMMISSIONER:
17 (RECESS)	Q. Perhaps it's better to come up there, yes.
18 COMMISSIONER:	18 MR. MARTIN:
19 Q. Yes, Mr. Roil.	19 Q. I apologize if there's any confusion, but we'd
20 ROIL, Q.C.:	also like to know what happened after
21 Q. Mr. Commissioner, thank you. As I indicated	September 30th. I mean, what is the status of
to you just before we resumed, there seemed to	those 150 people now? Just don't bring it up
be some confusion in the minds of various	to September 30th and say, well, that's what
people at the front table this morning at the	we did to that point in time. We want to, on
end of Mr. Martin's questioning as to what the	a go forward basis, what are you doing with
	Page 128
Page 126	
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140 vehiber 17, 2007	d-1 age Offshore Hencopier Safety Inquiry
Page 129	Page 131
1 A. Good afternoon, Ms. O'Brien.	1 Q. Okay, and was CAPP involved with the revision
2 MS. O'BRIEN:	of the standard in 2005?
3 Q. I'm going to start with a number of questions	3 MR. BARNES:
4 surrounding the standards. As I understood	4 A. In 2005, yes.
5 your testimony, there are two sets of	5 MS. O'BRIEN:
6 standards applicable to the suits used in the	6 Q. Okay, and was it involved with the revision of
7 Newfoundland and Labrador offshore. One is	7 the standard in 1999?
8 the immersion suit standard?	8 MR. BARNES:
9 MR. BARNES:	9 A. We weren't, as an association, no, but our
10 A. Correct.	members at that time were.
11 MS. O'BRIEN:	11 MS. O'BRIEN:
12 Q. And one is the helicopter passenger transport	12 Q. And the helicopter passenger transport suit
suit standard, sometimes referred to as the	standard, that was last revised in 1999, is
suit standard, sometimes referred to as the aviation suit?	that correct?
15 MR. BARNES:	15 MR. BARNES:
	16 A. Yes.
17 MS. O'BRIEN:	17 MS. O'BRIEN:
18 Q. Okay, and I understand that both these	18 Q. And it's currently undergoing a revision now?
standards have been developed by the Canadian	19 MR. BARNES:
20 General Standards Board?	20 A. The working group that has been assigned to
21 MR. BARNES:	look at that standard is looking at that
22 A. Yes, that is correct.	standard. Whether they decide to revise it or
23 MS. O'BRIEN:	23 not remains to be the outcome of that
24 Q. And am I also correct that the aviation suits	24 discussion.
25 that are being currently used, the Helly	25 MS. O'BRIEN:
Page 130	
Page 130 1 Hansen E-452 suit, meets both the immersion	Page 132 1 Q. Okay, and CAPP is involved in the process now,
Page 130 1 Hansen E-452 suit, meets both the immersion	Page 132 1 Q. Okay, and CAPP is involved in the process now,
Page 130 Hansen E-452 suit, meets both the immersion standard and the helicopter passenger	Page 132 1 Q. Okay, and CAPP is involved in the process now, 2 looking at that 1999 standard?
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Page 133	Page 135
1 aren't funding it?	1 MR. BARNES:
2 MR. BARNES:	2 A. Yes.
3 A. That's correct.	3 MS. O'BRIEN:
4 MS. O'BRIEN:	4 Q. Are you surprised by that?
	5 MR. BARNES:
_	
6 MR. BARNES:	6 A. We were surprised by it as well. We
7 A. The industry is funding a portion of it, and	7 understood in the time prior to the Canadian
8 the Offshore Petroleum Board is funding a	8 General Standards Board sending us a letter
9 portion.	9 regarding funding, that the Government would
10 MS. O'BRIEN:	do what they had done in the past, which would
11 Q. Okay. So when the immersion suit standard was	be to fund the further examination of that
revised in 2005, who funded that?	committee of that standard.
13 MR. BARNES:	13 MS. O'BRIEN:
14 A. It was funded by the Federal Government.	14 Q. Okay, has obviously, there's a number of
15 MS. O'BRIEN:	standards. Whether they're done by the
16 Q. Okay.	16 Canadian General Standard Boards or the
17 MR. BARNES:	17 Canadian Standards Association, there's a
	·
18 A. I'm not quite sure if it was Transport Canada	number of standards that apply to your
or another agency, but it was funded by the	industry?
20 Federal Government.	20 MR. BARNES:
21 MS. O'BRIEN:	21 A. Yes.
22 Q. Okay, and do you know when the two standards	22 MS. O'BRIEN:
23 were both reviewed in 1999, do you know who	23 Q. Has industry itself ever, to your knowledge,
24 funded it at that time?	been involved in funding a review or
25 MR. BARNES:	development of the standards?
Page 134	Page 136
Page 134	_
1 A. It was the Federal Government as well.	1 MR. BARNES:
1 A. It was the Federal Government as well. 2 MS. O'BRIEN:	1 MR. BARNES: 2 A. Yes, we are currently involved in the review
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	Truge Stiphore Hencopter Burety Inquiry
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involved on that Standards Committee have	1 MS. O'BRIEN:
voting rights, even though they don't fund it.	2 Q. Okay, so I guess to get to the point of my
3 MS. O'BRIEN:	question, do you know if this fit testing that
4 Q. Okay. Now one of the things I'm going to	4 was done, initiated by the producers, do you
5 just move now to the suits. I know in your	5 understand that that came as a result of the
6 in the presentation that you gave, the	6 crash or the result of the Helly Hansen survey
7 PowerPoint presentation that CAPP gave the C-	7 or both, or you don't know?
8 NLOPB in October of 2009, there was a	8 MR. BARNES:
9 reporting on the fit tests being done for the	9 A. I do not I do not know the answer.
10 suits?	10 MS. O'BRIEN:
11 MR. BARNES:	Q. And I understand also from your presentation
12 A. Yes.	that this 150 as of September 30th who didn't
13 MS. O'BRIEN:	fit their suits, but I understood that CAPP,
14 Q. Now I understood from what you said today that	while you don't know why they didn't fit their
15 CAPP did not initiate this fit testing?	suits or when it was or what they were
16 MR. BARNES:	doing before, you are involved in the process
17 A. That's correct.	of what's taking place to come up with suits
18 MS. O'BRIEN:	that fit these individuals?
19 Q. Is that correct?	19 MR. BARNES:
20 MR. BARNES:	20 A. We were only involved in providing the
21 A. Yes.	information as of the end of September 30th
22 MS. O'BRIEN:	22 with respect to the suit fit testing process
23 Q. Okay. Do you know who did, who initiated this	and the statistics around that and delivering
24 fit testing?	that information to the Petroleum Board. The
25 MR. BARNES:	actual fit testing is taking by Helly Hansen,
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Page 138	
1 A. It was initiated by the three producing	1 the suit manufacturing.
1 A. It was initiated by the three producing 2 operators, offshore Newfoundland. So HMDC,	1 the suit manufacturing.2 MS. O'BRIEN:
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Page 141	Page 143
1 Q. Okay, and so that process of these different	1 MR. BARNES:
levels, that's being done by Helly Hansen?	2 A. Yes.
3 MR. BARNES:	3 MS. O'BRIEN:
4 A. That's correct.	4 Q. And cold water, one would presume, for a long
5 MS. O'BRIEN:	5 period of time. The standards for the
6 Q. Okay. So one of the questions that came up,	6 helicopter transport suits, are they less
7 and maybe you can't answer it for me, is the	7 rigorous in that area, in terms of protecting
8 HTS-1, this suit that's going to be developed	the person who's wearing them from cold water?
9 -	9 MR. BARNES:
10 MR. BARNES:	10 A. No, the thermal properties of both standards
11 A. Yes.	are the same.
12 MS. O'BRIEN:	12 MS. O'BRIEN:
13 Q I understood that it's different from the E-	13 Q. Okay, all right, and I think any further
14 452 suit because the E-452 suit is made to fit	questions I have on that are probably more
1	15 properly put to Helly Hansen anyway.
and the helicopter passenger transport	16 MR. BARNES:
17 standard?	17 A. Yes, I would say so.
18 MR. BARNES:	18 MS. O'BRIEN:
19 A. Yes.	Q. Thank you. Just one thing too, before I leave
20 MS. O'BRIEN:	the suits, just to be clear, these are suits
Q. And the HTS-1, that's only going to meet one	that passengers wear. Flight crew don't wear
standard? Is that correct?	either of these suits? Is that correct?
23 MR. BARNES:	23 MR. BARNES:
24 A. That is correct, the helicopter passenger suit	24 A. I'm not aware of what the flight crew wear.
25 standard.	25 MS. O'BRIEN:
Page 142	Page 144
	Page 144 1 Q. Okay. I just want to go back, Mr. Barnes, to
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1 Q. Okay, because that's the point I want to	1 MS. O'BRIEN:
2 clarify, because today we heard that there	2 Q. Okay. In this particular case, were you privy
3 was, in 2004, a period of perhaps some eight	to what work, if any, that the members were
4 months where your committee did stop working	4 doing during that eight months?
5 on it, correct?	5 MR. BARNES:
6 MR. BARNES:	6 A. No, I wasn't.
7 A. That's correct, and the individual operators	7 MS. O'BRIEN:
8 took control of the issue and had internal	8 Q. So you weren't told?
9 discussions within their own organization	9 MR. BARNES:
about moving forward with that device.	10 A. No.
11 MS. O'BRIEN:	11 MS. O'BRIEN:
12 Q. Okay. Do you know why your members decided to	12 Q. Do you know if they were doingdid the
13 take that issue away from your Safety	project progress any during that eight months?
14 Committee?	14 MR. BARNES:
15 MR. BARNES:	15 A. No, the committee progress did not progress
16 A. All I understand is the members wanted to have	any during that timeframe.
17 further discussions, again internally within	17 MS. O'BRIEN:
their own organizations about the go-forward	18 Q. Okay. Did the overall project? Because
implementation plan of such a device.	obviously the committee was trying to work
20 MS. O'BRIEN:	towards implementation of this device, so by
21 Q. Do you have any -	the time it was taken from you and the time it
22 MR. BARNES:	returned, was it any closer to the goal of
23 A. I have no further information as to what was	23 implementation?
24 discussed or why that was done.	24 MR. BARNES:
25 MS. O'BRIEN:	25 A. No, not from the committee perspective.
Page 14	Page 148
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long period of delay. These breathing	1 MS. O'BRIEN:
2 apparatuses have now been in place for six	2 Q. Okay. All right, those are all my questions.
3 months.	3 Thank you very much.
4 MR. BARNES:	4 COMMISSIONER:
5 A. Um-hm.	5 Q. Okay, thank you.
6 MS. O'BRIEN:	6 MS. O'BRIEN:
7 Q. So you've had six months to consider	7 Q. Thank you, Commissioner.
8 undertaking a review. You know, why the	
9 delay? Why haven't you started on it? Can	
you give us any more information?	counsel with standing if there's anything
11 MR. BARNES:	they'd like to clarify, I will ask you now.
12 A. The committee that implemented the device a	
still working on different aspects of it,	13 MR. PAUL BARNES, RE-EXAMINATION BY JOHN ROIL, Q.C.
doing some checks at the heliports to ensure-	
or sorry, at the training institutes, to	15 Q. Commissioner, perhaps I should go first in
ensure that those being trained on the device	case anything arises out of this question that
have no issues with the training or if there	I have, but it's for Mr. Barnes. Mr. Barnes,
are issues that those are being identified,	Mr. Earle took you through a fairly extensive
and that's been in the work since thethat	review of the interactions between CAPP and C-
the committee have been undertaking since th	
21 implementation, and it's the intent, it was	21 breathing device, and there were various
our intent sometime later this fall or in this	pieces of correspondence there where sometimes
timeframe to complete that work and to have	
further discussions about what the lessons	you or Mr. Pike of the Board would write to
learned review process would look like and he	•
	e 150 Page 152
1 to undertake one. 2 MS. O'BRIEN:	cases, you would write back. In one case, I noticed there was a letter from the president-
Q. So is what you're saying that basically the current work that you're still doing on	-sorry, from the CEO, Mr. Roulokke, of the Board and he chose to write to the CEO or the
1	
	7 using that case as an example, if it is a
8 MR. BARNES:	8 typical example, what, if anything, is the
9 A. That's right. The committee is not engaged in	
a lessons learned review at this point.	with who, as between you and the C-NLOPB? Is
11 MS. O'BRIEN:	it normally you're the contact with Howard
Q. But is that because you don't have enough, yo	
know, hours in the day to do it?	13 MR. BARNES:
14 MR. BARNES:	14 A. It's normally I'm the contact with the
15 A. Because the committee is engaged in some of	
16 activity.	Petroleum Board to write our president in any
17 MS. O'BRIEN:	activity that we're engaged in with the Board.
18 Q. So it's a time, it's a you don't have enough	18 ROIL, Q.C.:
time issue? My question is, is it because you	
don't have enough time or because you don'	
feel you can engage on that process until this	said "I don't want to deal with you. I'd
current work has been done?	rather deal with the individual"? I'm just
23 MR. BARNES:	trying to get an understanding as to when he
24 A. We feel we need to complete this current wor	• • • • • • • • • • • • • • • • • • • •
hafore undertaking the lessons learned review	the members who are working and who have

25

the members who are working and who have

before undertaking the lessons learned review.

25

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P	Page 1
1 authorizations from the C-NLOPB.	1 MR. BARNES:
2 MR. BARNES:	2 A. Yes.
3 A. Mr. Pike would deal with CAPP and anyon	e at 3 COMMISSIONER:
4 the Board would deal with CAPP when the	
5 looking for an industry response or an	5 yourself in CAPP and the operators, made up of
6 industry view on a certain matter. If they're	
7 looking for an individual operator view or	
8 or two operator views, they would deal	
9 directly with those operators.	9 of our operators, of our members.
10 ROIL, Q.C.:	10 COMMISSIONER:
11 Q. And that's your understanding of the way	
works?	say the vice-president, would that be the
13 MR. BARNES:	vice-president of the company itself?
14 A. That's correct, yes.	14 MR. BARNES:
15 ROIL, Q.C.:	15 A. That would be the vice-president that's
16 Q. Okay. Thank you, nothing further from that	_
17 COMMISSIONER:	17 Canada of the company.
18 Q. Thank you. Anyone else, any clarifying	
questions? No. I just have one or two, Mi	
20 Barnes. From what I understand from you	
1	21 offshore?
1	
I · · · · · · · · · · · · · · · · · · ·	24 COMMISSIONER:
incorrect, in the end, the operators are the	25 Q. And Atlantic Canada?
	Page 1
1 final authority on what they will do or not	
2 do, aside from regulation by C-NLOPB of	
3 government?	3 COMMISSIONER:
4 MR. BARNES:	4 Q. Or Atlantic Canada.
5 A. That would be correct, yes.	5 MR. BARNES:
6 COMMISSIONER:	6 A organization has activity in the region.
7 Q. I see, they are the final arbiters?	7 COMMISSIONER:
8 MR. BARNES:	8 Q. So this would be, I presume, the highest level
9 A. That's correct, yes.	
	9 of management in the province say, is that
10 COMMISSIONER:	10 correct?
10 COMMISSIONER: 11 Q. Yes, okay.	10 correct? 11 MR. BARNES:
10 COMMISSIONER: 11 Q. Yes, okay. 12 MR. BARNES:	10 correct?
10 COMMISSIONER: 11 Q. Yes, okay. 12 MR. BARNES: 13 A. We just facilitate decisions or facilitate	10 correct? 11 MR. BARNES: 12 A. That's correct. 13 COMMISSIONER:
10 COMMISSIONER: 11 Q. Yes, okay. 12 MR. BARNES: 13 A. We just facilitate decisions or facilitate 14 accessor gaining information to enable	10 correct? 11 MR. BARNES: 12 A. That's correct. 13 COMMISSIONER: 14 Q. I see, yeah.
10 COMMISSIONER: 11 Q. Yes, okay. 12 MR. BARNES: 13 A. We just facilitate decisions or facilitate 14 accessor gaining information to enable 15 decisions to be made, but in the end of the	10 correct? 11 MR. BARNES: 12 A. That's correct. 13 COMMISSIONER: 14 Q. I see, yeah. 15 MR. BARNES:
10 COMMISSIONER: 11 Q. Yes, okay. 12 MR. BARNES: 13 A. We just facilitate decisions or facilitate 14 accessor gaining information to enable	10 correct? 11 MR. BARNES: 12 A. That's correct. 13 COMMISSIONER: 14 Q. I see, yeah. 15 MR. BARNES: 16 A. Some of those individuals do not reside in the
10 COMMISSIONER: 11 Q. Yes, okay. 12 MR. BARNES: 13 A. We just facilitate decisions or facilitate 14 accessor gaining information to enable 15 decisions to be made, but in the end of the 16 day, our members make those final decision 17 COMMISSIONER:	10 correct? 11 MR. BARNES: 12 A. That's correct. 13 COMMISSIONER: 14 Q. I see, yeah. 15 MR. BARNES: 16 A. Some of those individuals do not reside in the 17 province because their companies do not have
10 COMMISSIONER: 11 Q. Yes, okay. 12 MR. BARNES: 13 A. We just facilitate decisions or facilitate 14 accessor gaining information to enable 15 decisions to be made, but in the end of the 16 day, our members make those final decision 17 COMMISSIONER: 18 Q. Yes. The other question is, and you touch	10 correct? 11 MR. BARNES: 12 A. That's correct. 13 COMMISSIONER: 14 Q. I see, yeah. 15 MR. BARNES: 16 A. Some of those individuals do not reside in the 17 province because their companies do not have 18 offices here. To use an example, Murphy Oil,
10 COMMISSIONER: 11 Q. Yes, okay. 12 MR. BARNES: 13 A. We just facilitate decisions or facilitate 14 accessor gaining information to enable 15 decisions to be made, but in the end of the 16 day, our members make those final decision 17 COMMISSIONER: 18 Q. Yes. The other question is, and you touch 19 on it in your evidence, and maybe I didn't g	10 correct? 11 MR. BARNES: 12 A. That's correct. 13 COMMISSIONER: 14 Q. I see, yeah. 15 MR. BARNES: 16 A. Some of those individuals do not reside in the 17 province because their companies do not have 18 offices here. To use an example, Murphy Oil, 19 which is an oil company that has ownership
10 COMMISSIONER: 11 Q. Yes, okay. 12 MR. BARNES: 13 A. We just facilitate decisions or facilitate 14 accessor gaining information to enable 15 decisions to be made, but in the end of the 16 day, our members make those final decision 17 COMMISSIONER: 18 Q. Yes. The other question is, and you touch 19 on it in your evidence, and maybe I didn't go 20 it quite clear, but there's an Executive and	10 correct? 11 MR. BARNES: 12 A. That's correct. 13 COMMISSIONER: 14 Q. I see, yeah. 15 MR. BARNES: 16 A. Some of those individuals do not reside in the 17 province because their companies do not have 18 offices here. To use an example, Murphy Oil, 19 which is an oil company that has ownership 20 within the Hibernia project and also the Terra
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10 COMMISSIONER: 11 Q. Yes, okay. 12 MR. BARNES: 13 A. We just facilitate decisions or facilitate 14 accessor gaining information to enable 15 decisions to be made, but in the end of the 16 day, our members make those final decision 17 COMMISSIONER: 18 Q. Yes. The other question is, and you touch 19 on it in your evidence, and maybe I didn't go 20 it quite clear, but there's an Executive and	10 correct? 11 MR. BARNES: 12 A. That's correct. 13 COMMISSIONER: 14 Q. I see, yeah. 15 MR. BARNES: 16 A. Some of those individuals do not reside in the province because their companies do not have offices here. To use an example, Murphy Oil, which is an oil company that has ownership within the Hibernia project and also the Terra Nova project, their vice-president of east coast operations sits on our Executive Policy
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10 COMMISSIONER: 11 Q. Yes, okay. 12 MR. BARNES: 13 A. We just facilitate decisions or facilitate 14 accessor gaining information to enable 15 decisions to be made, but in the end of the 16 day, our members make those final decision 17 COMMISSIONER: 18 Q. Yes. The other question is, and you touch 19 on it in your evidence, and maybe I didn't go 10 it quite clear, but there's an Executive and 11 Policy Committee? 12 MR. BARNES: 13 A. Yeah, it's called an Executive Policy Group	10 correct? 11 MR. BARNES: 12 A. That's correct. 13 COMMISSIONER: 14 Q. I see, yeah. 15 MR. BARNES: 16 A. Some of those individuals do not reside in the 17 province because their companies do not have 18 offices here. To use an example, Murphy Oil, 19 which is an oil company that has ownership 20 within the Hibernia project and also the Terra 21 Nova project, their vice-president of east 22 coast operations sits on our Executive Policy 23 Group, but he resides in Calgary.

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1 reside, they are members and I presun	ne 1	tomorrow morning at 9:30.
2 functioning members of the committee?	2	ADJOURNED TO NOVEMBER 18, 2009 AT 9:30 A.M.
3 MR. BARNES:		
4 A. Yes.		
5 COMMISSIONER:		
6 Q. And that deals with the highest level of	`	
7 things in which the operators and CAP	P	
8 interact?		
9 MR. BARNES:		
10 A. That is correct.		
11 COMMISSIONER:		
12 Q. Is that fair?		
13 MR. BARNES:		
14 A. That is correct.		
15 COMMISSIONER:		
16 Q. Okay. All right then, thank you very much	ch,	
17 Mr. Barnes.		
18 MR. BARNES:		
19 A. You're welcome.		
20 COMMISSIONER:		
21 Q. I haven'talthough there are questions, o	f	
course, I'm sure in many of our minds ab	out	
the suits as yet, but Helly Hansen is going	to	
give evidence next and they're probably	the	
best person to address the suits.		
F	Page 158	Page 160
1 ROIL, Q.C.:	1	CERTIFICATE
2 Q. Yes, Commissioner. Clearly a lot of the	2	We, the undersigned, do hereby certify that
3 issues that came up today, because I have been	3	the foregoing is a true and correct transcript of a
4 involved in preparing the Helly Hansen	4	hearing heard on the 17th day of November, 2009 at
5 evidence, it seems to me a lot of those	5	Tara Place, 31 Peet Street, Suite 213, St. John's
6 questions will be asked obviously. If	6	Newfoundland and Labrador and was transcribed by us
7 something comes back that they say "no, no, w	ve 7	to the best of our ability by means of a sound
8 have nothing to do with it," then we'll have	8	apparatus.
9 to probe to see where else we would go.	9	Dated at St. John's, NL this
10 COMMISSIONER:	10	17th day of November, 2009
11 Q. Yes.	11	Cindy Sooley
12 ROIL, Q.C.:	12	Discoveries Unlimited Inc.
Q. I think most, if not all, questions will be	13	Judy Moss
answered once we've heard from the Helly	14	Discoveries Unlimited Inc.
15 Hansen representative.		
16 COMMISSIONER:		
17 Q. Yes, that was my impression also. All right		
then, thank you. So there's nothing else this		
19 afternoon, is there?		
20 ROIL, Q.C.:		
21 Q. No, nothing further for this afternoon. The		
22 Helly Hansen evidence will commence tomor	row	
23 and continue into Thursday, if necessary.		
24 GOV B GGGGOVED		

Q. All right then. We'll adjourn then until

24 COMMISSIONER:

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