UNITED STATES OF AMERICA NATIONAL TRANSPORTATION SAFETY BOARD

In the Matter of:

SS NORWAY

) DCA 03 MM 032

Miami, Florida

Thursday, June 12, 2003

The above-entitled matter came on for the Interview of Peter Randall, pursuant to Notice, at 10:25 a.m.

APPEARANCES:

For the National Transportation Safety Board:

BRIAN CURTIS JIM WALSH ROB JONES

For the United States Coast Guard:

CARLOS PAILLACAR KEN OLSEN

For the Bureau of Veritas:

MICHEL LAMBERT

For Bahamas Authority:

KEVIN HISLOP

Also Present:

RICHARD LEHRER CURTIS MASE JON SALE

EXECUTIVE COURT REPORTERS, INC. (301) 565-0064

I N D E X

<u>WITNESS</u> :		<u>PAGE</u> :
<u> </u>	- by Mr. Curtis - by Mr. Walsh - by Mr. Jones - by Mr. Lambert - by Mr. Hislop - by Mr. Olsen - by Mr. Curtis - by Mr. Walsh	6 22 44 53 53 58 61
	- by Mr. Olsen	76
	- by Mr. Hislop	77
	- by Mr. Paillacar	77

PROCEEDINGS

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10:25 a.m.
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  Whereupon,
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                        PETER RANDALL
  having been first duly sworn, was called as a witness
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  herein and was examined and testified as follows:
             MR. CURTIS:
                          Good morning. It's June 12,
  2003 and the time is approximately 10:25.
                                               We're here
  this morning to interview Mr. Peter Randall, vice
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  president of Environmental and Regulatory Affairs.
  that correct, Peter?
             THE WITNESS: Correct.
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             MR. ROTH-ROFFY: We're here to interview Mr.
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  Randall for any information he may have that may help
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  us in the investigation of the SS Norway -- the
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  accident that occurred on May 25, 2003.
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             Mr. Randall, the intent of the NTSB, National
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  Transportation Safety Board investigation is not legal,
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  it is only safety oriented, to find out what happened.
   Our intent is not to assess blame to party or person,
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  just to find out what happened and hopefully prevent
  this from happening again.
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             At this time I'd like to go around the table
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  and also, for those that are with us telephonically, to
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  identify themselves and the organization to which
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  they're attached. I'm Brian Curtis with the National
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  Transportation Safety Board and I'd like to go around
  the table now.
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             MR. LAMBERT:
                           Michel Lambert from Bureau
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  Veritas, head office in Paris.
                        I'm Jon Sale, I'm Mr. Randall's
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             MR. SALE:
  personal counsel, attorney.
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             MR. PAILLACAR: Carlos Paillacar, U.S. Coast
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  Guard, Miami.
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             MR. MASE:
                        I'm Curtis Mase, I'm a lawyer with
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  the law firm of Mase & Gassenheimer. I represent Mr.
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  Randall in his capacity as an employee of NCL.
             MR. HISLOP: Kevin Hislop, consultant with
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  London Offshore Consultants, representing the Bahamas
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  Maritime Authority.
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             MR. LEHRER:
                          Richard Lehrer, along with Mr.
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  Mase, on behalf of Mr. Randall.
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             MR. OLSEN: Ken Olsen, Coast Guard
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  Washington, D.C.
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             MR. CURTIS:
                          And for those in Washington, if
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  you could go ahead and identify yourselves?
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             MR. WALSH:
                        Jim Walsh, National
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  Transportation Safety Board.
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MR. MASE: As we begin, I'm going to state something for the record and if I could just interrupt briefly--3 MR. CURTIS: Any time you have any input into the interview, could you just identify yourself? MR. MASE: Sure. MR. CURTIS: So as we go around the table here we'll know who said what, as well as if you have any questions as we go around, if you could just hold your questions until it's your turn again, that was it 10 just makes for a cleaner interview and transcription process. Mr. Mase? MR. MASE: Absolutely. I'm Curtis Mase, once This morning I have articulated concerns prior 14 again. to this interview to both Bob Ford and to Commander 15 Goodrich with respect to the interview process up to this point, in particular, Mr. Olsen's participation in 17 that process. I explained to them in great detail and I don't want to belabor it on this record what my n concerns and the concerns really of NCL are. instruction, Mr. Randall will not answer any questions from Mr. Olsen on the basis of those concerns, nor will 23 any other NCL employee going forward for the remainder 24 of the investigation. 25 MR. CURTIS: Okay. I'd just like to go off 26 the record for a moment and consult with the 27 28 investigator in charge. MR. MASE: You're welcome to take a moment to 29 I think it fairness you need to hear reconnoiter. 30 These concerns have been raised formally to the this. 31 -- I don't know the precise the title of Captain Karr, 37 a couple of times in letters, they've been raised to Mr. Ford and I've talked to Commander Goodrich. 34 MR. CURTIS: We'll just go off the record 35 not. 36 37 (A brief recess was taken.) MR. CURTIS: We're back on the record again. 38 We took roughly a ten-minute pause there, it's 10:35. 39 Are you ready to get started? 40 THE WITNESS: 41 Sure. EXAMINATION 42 BY MR. CURTIS: 13 Could we just get from you a background, background information, education? 45 I went to the Coast Guard Academy, majored in Δĥ mathematics, BS with a major in mathematics. Went 47 engineering afloat and qualified as a deck officer,

when through all the student engineering early. When I

left the ship I was the acting EO.

I went to Merchant Marine Technical in New Orleans. I worked in machinery and electrical, did all the automation plan review there. Got involved with boiler failures there on the tankers being built at Avendale.

- If you could fill in some rough dates as we Q go along here, too, just to get a time frame.
- Merchant marine technical was '78 to '81, then from '81 to '83 I went to Tulane, got my Master's Degree in electrical engineering for the Coast Guard.

From there I went to Washington, was in Marine Technical and Hazardous Material Division in the engineering branch, electrical section, then special projects, all automation, I wrote the automation regulations in the CFR and I was involved with a lot of the other stuff.

From there I went to MSO Group Philadelphia when it was created.

> That was in? 0

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Worked in inspections, became a Α In '88. marine inspector, investigator. Let me back up some. With regard to these investigations, when I was in New Orleans Technical I did a lot of field work out of Technical at the time, I was the lead investigator for a Coast Guard NTSB Board on the (inaudible) where there were 12 deaths in an explosion. I got called in on casualties back then, the same thing at headquarters.

Philadelphia, same thing. I basically worked in the field as an inspector and investigator. Left there, supervisor in Baton Rouge, safety detachment there, did inspections every day, pollution response, emergency response and ran the unit there for two years.

Went back to Philadelphia, port operations, port state control, set up the port state control program in Philadelphia. Then went from chief of port operations, I was the senior inspector for the break outs for Desert Shield and Desert Storm, did five shifts, Wright, Scan Lake, Pride and worked with John Schrinner (phonetic) on the -- I was lead on the Callahan when I was relieved from there to go back to Philadelphia.

> And that was roughly? Q

'90. I was -- anyway, back in Philadelphia, chief of port ops, set up the port state control 47 program. From there, went to XO and the MSO Group. 48 Retired from there in '96, November '96. Became the 49 private superintendent for the conversion of the Cape

May for conversion of ferries.

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Spent the better part of the next two and a half years in the shipyards down in Norfolk, Virginia as the owner's rep and project superintendent and superintendent, set up the maintenance program in Cape May for conversion of ferries.

Left there in the summer of -- I think it was the summer of '99 I left there and sent to Seattle, went to work for Elliott Bay Design Group, senior engineer, electrical design, project management, some mechanical design. Shipyard representative as an auditor.

I was retained or the company was retained, me specifically, by NCL/Star Cruise's attorneys when Star bought NCL to investigate concerns about oil pollution in the fleet. I did audits on the pollution side on the fleet. My audits were the basis for NCL's self-reporting to the U.S. government with regard to the oily water separators.

Continued to do design work while I was doing these audits as a member as of audit team that was set up and then in January of 2001 I think it was I was hired as -- by NCL as Director of Safety and Environmental Management System, Technical Development.

Did audits, wrote technical procedures. I was in that position until October 2001 when I was made the designated person for the company. As designated person, I was still at a director level until September 2002, when I became Vice President of Technical. I'm sorry, Vice President of Environmental Regulatory Affairs and that's my present position.

Q Thank you. At your present position, if you could outline your duties and responsibilities?

A It's pretty much as it's written in the SEMS. A thumbnail is that the environmental program, the development and operation of the environmental program for the fleet and public health comes under my department, public health training and compliance and the administration of the safety and environmental management system.

There was a question earlier, I think it was last week, with regard to the designated person, where he had said I was responsible of implementation. Individual VPs are responsible in their areas of responsibility for implementation, but I have specific areas of the SEMS that I'm responsible for the standards that are in there and then I have compliance, so I run the audit program and administer the (inaudible). That's it in a thumbnail, I also end up

with special projects.

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Q If you could outline the corporate structure and where you fit into that matrix?

A Yeah. And you've got that in the SEMS too, but thumbnail is that there is a president/CEO, the next level down there's the senior vice presidents and two vice presidents on the next tier. Senior vice presidents, hotel, marine operations, sales and marketing, reservations and sales, I don't know the exact title.

The executive vice president is chief financial officer and he runs finance. General counsel, senior vice president. There's a VP of key way and customer satisfaction and I'm the other VP and if I missed somebody, I missed somebody, but you guys have the wire project. I report directly to the president of the company.

Q What is your affiliation in regards to the DP, how do you interact with him?

A On a regular basis. Basically his job is as a relief valve for the fleet and he oversees, he monitors issues out there. If he sees something that is either in my realm, such as public health or environmental, his job is to go and tell me and then to make sure that I act on it.

And then -- but he and I interact, because I'm responsible for compliance. We interact on a regular basis back and forth on what we're seeing and what the concerns are from a compliance standpoint, as well as does the safety management system need a tweak here or there.

It's a dialogue, but he has no reporting, formal reporting line. It's not a solid line in the organization chart. He also reports directly to the president for those duties.

Q And you're one of several vice presidents who are relegated the responsibility of compliance then?

A All VPs are responsible for compliance of their own people. I'm responsible for the oversight, compliance oversight program and individual VPs designated in the SEMS are responsible for implementation of safety in their area. So no one on board ship works directly for me.

Q And all the vice presidents have that same type of link to the DP?

A None of them have a link to the DP. He's a stand alone person out there who is overseeing what's going on and his -- he's there to make sure that the normal reporting lines are addressing issues. If the

normal reporting lines don't address issues, then he can take that to the president of the company and say the normal reporting lines aren't working and something needs to be done about it and then he monitors that.

Q Okay.

A I also from a compliance standpoint in the compliance program, if I see something that's not working, I fulfill a similar function, but it's more structured, so to speak, because there's the audit program itself.

Q I'd like to get to a little bit the area of the company's risk assessment policies and philosophies. One area in the risk assessment would be what is the company philosophy of material failure risk versus age on a vessel for the machinery?

MR. MASE: If Mr. Randall knows that, he's certainly welcome to talk about that, but Mr. Randall has not been designated by NCL to speak for the company. I'm not telling him not to answer, but I do think that it's important to draw that distinction.

MR. CURTIS: Excuse me. That was Curtis

Mase.

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MR. MASE: I apologize and I will try to say who I am when I speak.

MR. CURTIS: Thank you.

THE WITNESS: Could you repeat that? BY MR. CURTIS:

Q Regarding vessels and the machinery, in risk assessment what is the correlation between material failure risk versus age? Does it change with age?

A I don't know. I don't think that we have a specific policy that applies to material failure risk versus age. I'm not aware of a specific policy on that. We do risk assessment based on the risk and what we see.

- Q You don't know where that's addressed in this risk assessment plan?
 - A I'm sorry, what risk assessment plan?
- Q Does the company have a risk assessment plan in this area?
- A The company has -- not in that area, no. Not specifically in that area. There is a general risk assessment process.
- Q Once again regarding risk assessment, is there a -- are you aware of a policy in the plan that addresses predictable versus unpredictable events with age, if you were to create a matrix?
- A Nothing fixed. No set policy along those lines. It falls in with general risk assessment.

- Q Could you describe the company's plan for risk assessment? Is there a prescribed plan, a philosophy or --
- A It's laid out in the SEMS and I don't want to say something that -- if I miss something in there, it's pretty well laid out in the SEMS. But the corporate policy for safety is there and the corporate policy for safety supersedes everything else when that comes up.
 - Q Could you tell me how vessel budgets are established regarding say for the engineering plant and propulsion or safety, how the vessel budgets are --
 - A No, I can't. That's not within my realm.
 - Q Who has knowledge of that realm of information, budget establishment?
 - A Budget establishment for technical plants?
 - O Yes.

A I can only make assumptions on it, I'm not involved with it at all.

MR. MASE: Don't make assumptions.

THE WITNESS: I'm not making assumptions. The only part of the budget process I'm involved with is environmental systems. Other than that, I have no involvement with any other part of the budget.

BY MR. CURTIS:

- Q Could you outline the environmental budget process of the company?
- A The environmental budget process is that I look at what I think needs to be done from a material, operations and training standpoint and other costs associated with the environmental program, which is pretty well laid out, the environmental plan in the SEMS. I prepare a budget and I submit the budget for approval.

Then there's a budget review and since none of the people or the equipment is mine, under my responsibility, it becomes a review with the people in technical for example or the people responsible for training or the people responsible for human resources and there's a joint review and a separate review and finance reviews things also.

- Q Once you submit your budget, who would review that process?
- A In that process? I'm not going to assume, other than the people I have direct contact with. The people I would have direct contact with would be other VPs.

Now, can I ask how this is related to this casualty? If there's no determination of blame to be

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involved, is there something that specifically says this is related to the casualty that's been found in the facts?

Q As part of this investigation we just want to get a well-rounded concept of company policy and philosophy.

MR. SALE: This is Jon Sale. From my point of view, I'll let him answer up to a point, but I'm taking your lead that this is basically safety oriented and I think that's where we should be focusing. But I understand you need some background.

MR. OLSEN: Ken Olsen. As the NTSB and the Coast Guard and the idea behind these casualty investigations is to gain the greatest perspective and to look at all the factors that might contribute to the cause.

On another ship that was perhaps was not financed properly and the engineers were strapped with budget restrictions, budget issues certainly applies and it might have contributed to some of their actions or decision making along the way. That's why such questions could be important at times.

MR. MASE: Curtis Mase. To that extent, we allowed Mr. Randall to answer these, but of course when you start talking about questions concerning environmental budgets in relation to a boiler explosion, it can seem to us somewhat far afield. He answered the question, let's move along.

MR. CURTIS: I agree that this is not an environmental issue.

MR. MASE: Everybody is entitled to their questions. Let's go on.

MR. CURTIS: Brian Curtis again.

THE WITNESS: Can I add something along those lines, though? Under the ISM code, budget shouldn't be an issue, should it? Under the ISM code if the regular processes aren't working, then anyone in the company came come to the designated person, who can then bring the safety issue all the way to the president of the company, independent of any budget processes.

MR. CURTIS: We're just looking for background information with regard to whether budgets may have influenced decisions.

THE WITNESS: But what I'm saying is that there is a regulatory mechanism that was specifically developed and implemented throughout the world's fleet to make sure that budget was not an issue.

MR. OLSEN: Ken Olsen. I want to confirm what Pete Randall just said, it's extremely important

that if the ISM processes are functioning as they are designed, such issues would be captured.

> MR. CURTIS: Okay. We'll continue on. BY MR. CURTIS:

Mr. Randall, on the vessel, for instance in a machinery related item of importance, when someone has knowledge of a problem, what would be their expected responsibilities to track and manage that problem through to the end point?

MR. MASE: Curtis Mase. Can you, rather than being so oblique in terms of "someone" and "a problem," can you be any more concrete, because that's somewhat

> MR. CURTIS: Okay. I apologize. MR. MASE: That's okay.

BY MR. CURTIS:

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- Some one in more of a managerial position, possibly a chief engineer.
- The chief engineer would bring it to the attention of the superintendent, the technical superintendent. And if he was solicited by someone else in management, he would probably bring that up, There would be an expectation of that.

But there's also a reporting system within the SEMS that daily reports, weekly reports, semi annual inspections, audits, audit follow up, there's an entire documented system in the safety and environmental management system where through multiple channels a problem is brought up and documented through a variety of different channels and that's how it works.

And then if it doesn't go away, my group for example tracks it. We have a corporate action line, we have ship's action lines. We have a reporting system where the safety reports go in. There is also a safety and environmental committee, both crew and management, on board the ship and serious safety concerns come up there. They're discussed by shipboard management and then that's forwarded on.

So there is a wide variety of documented means for a safety concern of any kind to be put forward by any crew member. If it was an engineering matter in particular, the first reporting line is to the technical superintendent on the ship from the chief engineer, assuming there's a chief engineer. But it's all open in the air under the system that we've implemented.

Say there's a problem with a boiler. 49 would be required in that chain to report it to class?

- A I'd have to look at the class rules in the SEMS. I don't want to speculate on that.
- Q Is there any program in place, awards program for people who would report unsafe conditions on the vessel?
 - A Awards program?
 - Q Yes.

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- A Okay. No. Nothing specific. Everyone is expected to report unsafe conditions. There is a corporate expectation that they report it.
- Q I just have one more question at this time and then we'll move on around the table. Regarding being transferred or assigned to the Norway, is that considered a promotion or a demotion? Is there any type of take on that?
- A I don't think -- it depends on the individual and what their personal expectations are. There's people who have sailed on the Norway, obviously you've encountered them, for over ten years and they just like that ship. And it depends on the position. Bartenders love it, because they make a lot of money on tips in the Caribbean as opposed to other places.

It purely comes down to personal present. If somebody has always lived and worked on the Norway and that's what they like and they want to stay there, then they may be upset if they're transferred off. If somebody comes from a brand new motor ship and is sent to the Norway and they have to completely change everything they've always thought about engineering because it's a different type of engineering, it may be considered -- it's purely on the individual's own preferences I think.

Q Okay.

A There is no corporate , or any other that I know of, mechanism or we're going to punish you sending you to this ship or that ship. There is no such thing, not that I'm aware of.

MR. CURTIS: I'm going to pass it along now to Jim Walsh in D.C., if you want to continue on with your questioning. Jim?

MR. WALSH: Jim Walsh, I'd like to ask Mr. Randall a question on the background.

EXAMINATION

BY MR. WALSH:

45 Q Are you doing any special projects right now 46 for Norwegian Cruise Lines?

A Yes.

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Could you tell us about that, please?

- I'm involved with Project America. Α
- Approximately -- when you divide your duties up right now, how much time is spent towards Project America?
- You know, I've spent almost 30 years now of doing crisis management and it's 100 percent of the time on what ever it is right now. When I can get into a regular rhythm of things, it depends.

Project America, there's difference stages to Right now I would say I'm not spending a lot of time on Project America.

- Primarily because you're working on this project?
- No, because Project America from my No. Α standpoint, the items that have to be addressed are not a huge amount of time right now. Later on, for example as the ship gets ready to be delivered it will demand more, certainly, but --
- 0 The question was pretty much just to figure out how much time on a normal day you're going to be giving towards Project America as per any of the other assignments you have.
- And to be honest, it depends on what stage of all the other assignments I'm in at that given time and how I manage my time and what other things might come There is no fixed ratio or anything else. manage things on a daily or weekly basis, just like everybody else.
- Mr. Randall, for 2001 you were hired January as a Director of Safety and Environmental for the company, correct?
 - Technical Development. Α Correct.
- It was October that you assumed the designated person position?
 - Α Yes.

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- And you've kept that for approximately a year?
 - Α Correct.
- Can you explain to us your understanding of 39 the monitoring system you used for that year as the 40 designated person? 41
- Yeah. And it was different from what it currently is and it's different from most companies. The president of the company sent me on a search and destroy mission. He said go out and find problems, report them back and keep going after then, both on the 46 ships and in the office, so that's what I did and I 47 48 documented them and it's all in the documentation 49 that's been audited by class societies and everybody

else. The government, too.

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Those records are also the records that we've asked for, correct?

They're in the action logs and in the audits, so if that's what you've asked for, yeah. I'm not upto-date with the 40 some pages of things that have been asked for.

MR. MASE: This is Curtis Mase and I've looked at the index and I believe they have, just so that you know, Peter, asked for those things. Excuse

> It's all documented, Jim. THE WITNESS: BY MR. WALSH:

What we're looking for is how often did you go on a ship, is there a formal monitoring system where this is captured or is it done on an ad hoc basis?

During that time period it was both. is a formal audit system. How much time? That year I probably spent at least four months on the ships and my average up until this year has been three to four months, sometimes more on the ships, going ship to ship, revisiting ships, doing follow ups, looking farther into things.

The problem, a little bit philosophical, but this is the way it worked is the problem with an audit system is an audit system says you have to have a standard against which you audit and some of the standards are much too broad to really dig out things you need to dig out.

So you adapt and while you'll audit against standards, during that process, at that time in particular, and I still allow my people working for me doing audits to do it, if it doesn't look right, we may not just hold ourselves to auditing against the standard. We may audit against good marine practice or risk.

- Thank you. The risk. When you look as an auditor at a brand new ship versus a ship that is more than 15 years old, do you put a greater emphasis on any particular area?
- On a new ship you certainly put emphasis on oversights by the designer, oversights by the regulatory agencies and on familiarity of the crew with the ship.

You don't look as much that you're expecting a material problem, other than in design. That comes up once in a while and I documented one where I was incredibly disappointed from a risk standpoint in the 49 Coast Guard and in the class society in allowing a

ship, a particular aspect of a ship to be designed and built the way it was and I challenged it and the company agreed, but we didn't have any basis, so I left that an open item.

So I look at that part on a new ship. On an older ship with people who have been sailing on that ship for a long time, the familiarization with the equipment and their routines is less of a concern and you look for things from the standpoint of deterioration. And yeah, that's basically it.

Q And when you say "deterioration," are you looking actually at material failure?

- A Not necessarily failure, but the condition of the material and trying to look as to is there something that is a risk factor there that you might want to look further into in the audit process.
- Q The audit process and the risk assessment that was spoken about earlier, is there a formal formula or model that is used to determine the risk?
- A No. Like I said, the risk process is in the SEMS and the particular thing in the -- there's a risk management committee that's described in the SEMS and all the audits come to that risk management committee. All the issues brought by the designated person are brought to that committee and any issues brought by any of the compliance people are brought to that committee and the committee evaluates risk and prioritizes action. That is described in the SEMS.
- Q So for an audit, if you're bringing it to a risk management committee and you have how many items in your audits that you take a look at on a normal basis?
- A It varies. Like I said, a problem with an audit process is that if you lock yourself into a fixed check list you can find yourself time constrained and missing bigger items that you need to address, so for example if I'm doing a new ship, I'm going to work more on those familiarization items and much less on looking at material conditions.

So you don't have a fixed formula, it's up to the auditor to determine which way the audit needs to go and be as thorough as possible. So I can't give you a fixed number of how many items are brought before the risk management committee.

Q No, no. I'm not looking at what's brought to the risk management committee, I'm looking more at when your auditors go on board, their check list that they use. The number of items is approximately how much, how many items you typically look at by your guide and

your check list for the engine department.

- A I can't give you an exact number.
- Q Are the items on that guide weighted for the risk of failure?
 - A No. That's the judgment of the auditor.
- Q I'll try to stay away from any examples of environmental, but when you're going on a ship and the auditor is looking at the engine department, are those auditors necessarily trained as engineers?
 - A Yes. I can only think of one exception to that, which we had to do actually during this because the engineering auditor became unavailable and that vessel will be revisited. Whenever we do an audit where we have someone who isn't the best we've got for the audit, we will follow up with a second or third unannounced audit. That's been pretty much of a standard pattern.
 - Q When this auditor goes into the engine room, are there items that you as the vice president have either decided or the risk management committee has decided must be examined on every ship?
 - A No. I don't think so. The check list that we use is a standard check list. We've been revising it, but the check list is there, that is available for guidance to the auditor. To test the over speeds on the boilers on the Norway doesn't make much sense, so the auditor is going to look at -- but the auditor may and as an auditor I did go check the safeties, for example.

You adapt the audit to the circumstances you're facing. You may not look at interlocks on one ship and you may on another ship.

Q So granted they have boilers on new ships, they're not propulsion boilers, but if you have a boiler that's two years old versus four years old, would you as an auditor going into that space expect that older machine to get a more rigorous review?

MR. MASE: This is Curtis Mase. I couldn't quite hear, did you say two versus forty or four?

MR. WALSH: Two years old versus anything that's in excess of 15 years old.

MR. MASE: Okay. I'm sorry, I just couldn't hear. Thank you.

THE WITNESS: That depends on what the auditor sees and learns about it. We have two-year old boilers that are failing and you look into why is this failing and you find that the crew is following the operator's instructions manual and you find out that there's a manufacturer's flaw in it and if you have a

boiler that is 15 years old and you look at its history and you don't see a pattern of problems, you're going to make judgments as to which way the audit should go. It's an audit, it's not an inspection.

Q So as far as an audit goes, prior to reviewing the machine itself, would you go to the AMOS system to review the work history?

BY MR. WALSH:

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A No. My particular, and I can only speak for myself and at least one guy I've trained, my audit process is I spend the first day besides reviewing previous audits and reports sent by the ship to shore side that I have access to, ready access to, I will spend the first day walking the ship, observing, looking at material conditions, observing operating practices and then after the first day of getting familiar with things, then I'll start to go through a pattern of looking at records, looking at people.

Reviewing AMOS is a regular part of all the audits and that is on the check list and we do do that. The extent that we look at AMOS, the whole audit process is if you smell smoke, go looking for the fire.

- Q On the AMOS, the system that you're using and you're familiar with, does it kick out when work or inspections that are supposed to be done on a regular interval hasn't been done?
- A A review will show that it hasn't been done, but there are qualifications to that, too. The qualifications to that we've learned in the last two years of trying to improve AMOS, we found that AMOS-D didn't accurately replicate from shipboard to shore side.

When we found that, what we found was that shore side it looked like a lot of things weren't being done and then when we got an accurate replication, a lot of that went away because it was not an accurate replication. That problem has been corrected.

I'm not familiar with AMOS-W and I'm not that familiar with AMOS-D that I can tell you everything there. The normal thing is that if a job is scheduled for monthly, on the monthly basis it will kick out all the jobs that are due for the month and then if a job isn't completed, you can do a sort for incomplete jobs.

- Q On that system, as an auditor when you've gone into the system, have you found that information hasn't been inputted?
 - A For work that's already done?
- Q Or work that has not been done has not been done identified.

A No.

Q If there's a 5,000 hour check and someone hasn't entered not done because of "x," would you consider that a minor non-conformity as per your system?

A No. The standard is that if -- and it depends on the severity of the item. If it's that we didn't -- yeah, it's going to depend on the severity of the item whether it's a non-conformity or not. In writing a non-conformity as opposed to an observation on an internal audit, it is also a decision as to just how severe it is and that's a judgment call and that's an evaluation by the auditor and by the senior lead auditor and then ultimately, me when I review them.

But typically in doing an audit with regard to AMOS, it's inefficient to just sit down and look at AMOS.

Q Agreed.

A You sit down with the engineer or the deck officer who is responsible for that particular aspect and you ask them to pull something up that you want to see and then you see if he's got it there or if he knows how to pull it up and then you start going down that road with the intent being to verify the jobs that are scheduled are being done and documented.

Q When you identify or your team identifies an issue, whether it's an observation, a non-conformity or a major non-conformity, how does that get closed out?

A The way it works since I've been here is that the form we're using right now, basically the auditor and then the lead auditor will specify on the form what's required for close out. If there's a paper report that's missing, then obviously you can put on there that it can be sent to the auditor or to the office as evidence of closing it out.

Other things the auditor and the lead auditor are entitled to and we frequently do require an on the spot follow up check and it depends on whether a ship's officer or a shore side person, but in general, at least for the last two years, we're looking for reliable, independent verification that it's been closed out and we're looking for a systemic close out.

Just because they say okay, we fixed this, we're looking for the system fix there, not just that okay, I fixed it, now the auditors are gone, we'll go back to what we were doing.

MR. CURTIS: If I could intervene, I'd like to flip the tape over here, if anybody wants to take a break. We'll go off the record.

(A brief recess was taken.)

MR. CURTIS: We've flipped the tape, we're back on the record. We took a five-minute pause and we're continuing with questioning from Jim Walsh. ahead, Jim.

THE WITNESS: Could I follow on to that last It will be a judgment call, depending on what it is, as to what kind of follow up we require and that's all part of the review process.

And then on the next audit we're going to look at -- we'll pull up what were the non-conformities or observations on the last one and go check them again. So we're looking at ideally at least two checks that the item and the process associated with the item is corrected.

BY MR. WALSH:

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- Does the vice president of the specific department sign off on that to close it out?
- Not necessarily, no. I don't have to accept any close out by a vice president. They may offer comment or explanation or something, but I look at having -- it can be closed out by the auditor himself, but that will get reviewed.
- Something that to me is a little bit foggy right now, your title is Environmental and Regulatory, yet in your audits you do look at the safety aspects, correct?
 - Α Yes. A title is a title.
- I know we can go to your Safety and Environmental Management System to see how the risk management committee is structured and in taking a look at your on board audits, we've already asked the question about are the items weighted as per any specific risk or go/no go, you must do this and our answer now is there is no hierarchy or prioritization formally done on paper, correct?
 - There is no hierarchy or weighting,
 - How do you measure performance?
 - Performance of what? Α
- If a ship is doing better in an area or not doing as well compared to the last time you visited and also compared to the fleet.
- Basically the audit team, which for the most part has been working together for three years now, because you're going vessel to vessel and you're going audit to audit on a single ship, it's a subjective comparison, but there is no scoring system that says well, this ship is -- there is no scoring system like a 49 public health inspection, if that's what you're

referring to.

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- You mentioned the budgeting process for your department and that you're not responsible for many of the systems, but you're responsible for compliance and oversight of those systems, correct?
 - Α Right.
- So you do get involved with technical on budgeting matters?
 - Yes.
- As a safety issue, when you take a look or your team takes a look at the engine room, are there safety enhancements that have been proposed by you or your team to engineering?
- We rarely get into something like that. try to stay objective and say this is the issue, there needs to be a solution to it. We document it and we look for it to be corrected. There have been however rare occasions, and I'll give you an example.

In our audits going ship to ship we found that the existing technology being installed on ships n for keeping galley ventilation ducts free of grease are inadequate and very inefficient and difficult for the crew to maintain good standards. So we found on one ship where they fitted a steam cleaning and extinguishing system in the duct and we saw what it did, it had incredibly good results.

So we've come forward and said we think that there should be steam cleaning in the ducts on all the So technical takes that and tries to work it ships. into the system.

- On an issue that you brought up with training, are you looking at the ethicacy of training in safety in these different departments on board?
 - Yes. Α
 - Q And how do you track that?
- We identify shortfalls and then document them in the audit system as non-conforming or observations. Shortfalls such as not everybody had all the required training or we found in areas the training could be improved and we pass that on to the responsible party within the system, through the audit process.
- Are you given monthly updates from the senior VP of finance on performance, on whether it's consumable or on expenditures for the ship in the safety area?
- I receive up-to-dates with regard to 47 environmental. If I look at budget for any reason, it's because the audit process has surfaced something where we need to go investigate a very particular area

and then we will go and look at the finance aspect of that if need be. If it's appropriate.

- Q As far as items that are being repaired on a ship, whether it's a light bulb that gets repaired a hundred times, how do you capture items that are being repaired and you're just fixing the issue at hand but not the cause of the issue?
- A Well, in my capacity and my department's capacity, I don't really care of a light bulb blows a hundred times. I care that the light bulb works and it's supposed to be there. If we can determine something that contributes to something not working, we want to surface that, but in our audit process we don't get into measuring the finance on that unless there is a clear indication that needs to be looked at.
- Q I guess the real question was do you do trending on issues on board ships and then compare them to other ships?
 - A Yes. But not monetary trending.
 - O But for failures?
 - A Of course.

- Q Do you have a formal system for trending of failures?
- A Part of what my department will do and part of what the system will do is that we will look at non-conformities or near misses or accidents that recur and we will look for trends and when those trends come up, then we will pursue them. There's safety and environmental management committees on board ships and there is one shore side too and those get discussed there.

You have requested and have received copies of the minutes from those meetings.

- Q Is there a formal report that goes out from your committee showing the trends, showing the ships the trends that you've identified?
- A We provide accident, near miss and audit trend reports to the risk management committee. We've just started doing that in the past year and I don't know -- if I may, I don't know what accident tracking system you use, but we found the one that we were using totally inadequate and dumped it.

It was expensive, it was cumbersome, it was time consuming and we didn't see it as serving the purpose of safety. We created our own tracking, reporting and tracking system, we implemented it and now we're getting useable data that we provide to the risk management committee.

Q Does NCL have a separate loss prevention

group?

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- A Loss prevention from what standpoint?
- Q Loss prevention with regard to --
- A Market segment or what?
- Q No. Loss prevention with regard to accidents. Accidents with either passenger deaths, if you will, or crew members.
 - A There is a claims department in legal that also works closely with us in looking at accidents and also looks closely with the customer affairs people to look at all the different aspects of claims. But if the question is do we look at injuries and accidents and what can be done to prevent them, yes.
 - Q Is the system, your loss prevention and your injury/accident reports, are they sophisticated enough so that we could query throughout your fleet to determine the trending of accidents in the engine room alone?
 - A Yes.
- Q And then is it sophisticated enough to say that this -- we would be able to query it to determine how many accidents or injuries have come from working on boilers, whether they're propulsion or whether they're for generation of water?
- A Theoretically, yes. To explain that, we tried to make the system -- we found the old system so "sophisticated" that nobody could fill the damn thing out, so we weren't capturing things and it became a paperwork nightmare, so people rather than reporting good information, would just fill in the form.

So we tried to get it very simple. We've got a two-page form that is Word based and Excel based and it's looking at the tree top items, fire, flooding, injury, things like that, in some ways similar to a Coast Guard 2692.

Then there is a narrative section where once you find the particular tree you're looking for, you can go into a little bit more depth as to the details of that accident. That's why I said theoretically.

- Q The mentioning of your near miss and accident reporting, if one of your ships, whether direct diesel, diesel/electric or steam, had a blackout, would you expect them to file a report?
 - A Multiple reports.
 - Q Pardon me? Multiple reports?
 - A Multiple reports.
- Q And is there a requirement for those reports to be done in a specific period of time?
 - A The daily report would be expected to be

- daily. There's an automatic system where the captain would be expected to report the blackout in the daily report, then in the weekly technical report and then in the incident reporting system report, minimum. Those three minimum.
 - Q And is there a time frame of immediate reporting on certain of these issues or does it depend on the severity?
 - A With regard to what kind of an incident?
 - Q If you had a complete loss of propulsion or a complete loss of power.
 - A I think -- you know well enough, Jim, that when you have a blackout or a loss of propulsion the ability to report is going to be tempered by what the circumstances at that moment are and dealing with the circumstances.
 - Q Right.

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- A Typically something like that will be reported as quickly as they can possibly get the time to do it.
 - Q Right.
- A But it would be expected to appear in the written or electronic daily report and when we see those daily reports, then -- for example, I see them every day and if I want to make sure that something gets investigated or a particular aspect, I'll ask for the details to be included in the formal report. It happens all the time.
- Q Right. Are you aware of in the last say seven months of any blackout reports coming in from the Norway?
 - A I can't give you a hard and fast answer on that.
 - Q But right now you can't recall?
 - A No. I'd have to go back and look at the records.
 - Q As far as measuring a ship's performance, is there a formal annual review?
 - A There's a master's review in the SEMS, an annual review where the master submits a written report, annual report. That annual report then goes to a management review committee. The management review committee will review all of those annual reports and will make recommendations and those will then be forwarded to the risk management committee.
 - Q Is there any incentive program from shore side to shipboard based on the performance on an annual review?
 - A None that I'm aware of.

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Does your department deal directly with the
  insureds?
       Α
            No.
                        Peter, that's it for me right
             MR. WALSH:
        Thank you very much.
  now.
             THE WITNESS:
                           Okay.
             MR. CURTIS:
                          Rob, do you have any questions?
             MR. JONES:
                         Yes. Rob Jones.
                         EXAMINATION
             BY MR. JONES:
             How are you doing, Peter?
             Fine, Rob. How are you?
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       Α
             Just to clarify just one or two questions
  here, just to clarify. The method that the ship's
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  force, engine deck, officer's crew would use to
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  identify a problem aboard, whether it be a near miss,
  an accident, you had mentioned safety concern reports.
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   Is that the name of the report that is filed under
  your SEMS, Safety Concern Report?
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            No, it's not. There's a bunch of mechanisms
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              First of all, all the ships that I know of
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  in place.
  have a safety suggestion box so they can put something
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  anonymously.
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             You've also got the crew safety and
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  environmental committee, where the crew members select
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  members of the committee from their department or
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  division or whatever and that group meets at least
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  monthly to bring -- but they can report things more
  often, to address safety concerns that they see.
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             Those get floated up to the management safety
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  committee on board the ship and then those all come
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  ashore.
             There's a designated person and phone number
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  and e-mail and everything is plastered all over
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  bulletin boards all over the different ships.
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             The incident reports, there is a severity
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  scale in the SEMS and there is a couple flow charts in
  the SEMS that explain the process by which a near miss
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  or an accident or anything else is documented and
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  reported.
              It's all in there.
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             The forms themselves then get -- when an
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  investigation is done, it's up to the security officer
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  to make sure that those forms are completed, that
  they're reviewed by the captain and that they get off
  shore side in a timely manner.
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             My department will monitor things and I will
  give you an example. If we see something on a daily
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report, if I see something on a daily report that I think we need to look into because I've seen it before

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or I think it's of particular concern, I will send an e-mail to my Safety Management System manager who manages the accident information and I will tell him I want a specific follow up on that particular item, that I want to see a report and make sure that the ship files one.

Q This is going back to the interview with the DP, when we asked about safety concern reports or any type of paper coming from the vessel that identified problems, he has not received any in his interim as DP.

You seem to be saying that there is a trail, or at least a method where the ship can identify problems and get that back to the DP.

A The ship can go directly to the DP on anything they want. The standard process is to come through my department. Part of the DP's role is going to be to make sure that I do my job too.

MR. LEHRER: Rob, if I can, this is Richard Lehrer, I sat in during that DP interview and what I believe Captain Menes said was where the systems on the ship are working appropriately, he would not receive any kind of communication from the vessel. It's only when it's not working appropriately and there's a safety concern that he acts as a safety valve and if he receives that kind of information, he'll pass it off to Peter Randall or whatever VP should be handling that particular inquiry.

In the time that he's been the DP he hasn't received any safety concerns other than those concerning sexual harassment is what he said.

THE WITNESS: Can I offer a specific example?
BY MR. JONES:

Okay.

A Menes was just recently paying a visit to the ships, which I did too as DP, and he saw something come out and it's not in his area of responsibility whatsoever, other than as DP, but he had concern for the work hours on a particular group of individuals. He passed that concern on to me.

I have since started to look into it myself and I told him that I've started to look into it myself and that I will keep him informed. That's the way the system more or less works. He and I communicate back and forth.

I will give you another very specific area for this whole thing which is stage pyrotechnics. In my audits I identified them as a high risk item. They're not on any check list I've ever seen anyplace and to follow a check list that says do this but

ı ignores stage pyrotechnics is foolish.

So as part of that, it's the judgment of the auditor to look for risk and deviate. So we found that over and over. We brought the item up, it was discussed at risk management, it was okay, get them to write procedures and do training. We tried to go down that road, but because we were dealing with a concession and shore side technical experts who are not familiar with the risk on ships, we found through audits and through feedback from the ships ultimately that it was an unacceptable risk.

Finally, after this had been brought to the risk management committee through various stages, ranging from okay, we'll do procedures, we'll do training, we'll audit and they looked at it and evaluated it and agreed on the steps.

Finally, in the end it came to the risk management committee and they said okay, ban them all. So we've banned them from our ships. That's one example of the system absolutely working the way the system should.

We weren't constrained to some check list, we did on-site risk management, we did formal risk management. We evaluated all the different factors, we tried to address it from a process standpoint, it didn't work, so finally we just banned them. Does that kind of explain?

- Q Who is asking me that? Is that Peter?
- A Yes.

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- Q Peter, just with regard to a paper trail, you're saying they would file any kind of reports with you in regards to just safety and environmental, what you're VP of?
- A I receive an awful lot of electronic reports and the system is approved as an electronic system, so yeah, there's an awful lot of electronic reports.
- Q How would you close out anything and get that back to the vessel that the issue has been addressed?
- A Well, one way is if a SEMS procedure comes out and says well, no more pyrotechnics, then we'd send an e-mail too saying there's no more pyrotechnics.

On other things, if we felt that follow up with a vessel was appropriate, we would contact the vessel and we'd file them and we'd keep them on the burner.

There's a corporate action log and a shipboard action log that is used to track that stuff, too, but there's also the meeting minutes. The meeting minutes from the safety and environmental committee is

on board ship where everything is supposed to be aired out, we watch them.

They come ashore, they're reviewed and periodically Menes as the DP sees them. I see them, other people see them. We look for things there and we look to see if they're addressed and if you go back six months later and see the same thing still on the minutes from the last meeting as was on the meeting minutes a month before, you go back to the ship and say hey, what's this hanging around for, what are you doing.

Now, please understand that the system we're talking about has been evolving for two years and we think we've just about got it complete. This entire Safety Management System was launched in July of 2001 and it's been evolving and growing ever since. Now our concern is that it's getting too big and too much paperwork for the crew and one of our goals this year was to simplify it and to let what we've done soak in and before cultural as opposed to just continuing to push out more and more standards.

- Q The had mentioned that issue with the grease in the galley and how to achieve a better result with that. Was that distinctive just for the Norway or would that be for other vessels too?
 - A I never mentioned the Norway.

- Q Okay. Well, wherever you found it, if that is a good implementation to prevention, how would you share that with other vessels in the fleet?
- A I would take it to technical and to marine operations and to risk management.
- Q With a shared e-mail letter out to the rest of the vessels or is that a significant --
- A You know, the vessels can't do anything about that on their own, so I take it to management and then we follow up with an audit. You know, if the following year we find that the -- or at the next visit the issue hasn't been addressed, then we bring it up again.

Our role is to find and document and make sure that follow up happens and we have a process in place for doing that.

MR. SALE: This is Jon Sale. Just so the record is clear, Peter, I think when you were referring to the example of the steam cleaning, you were not referring to the Norway; is that right?

THE WITNESS: I was not referring to the Norway.

MR. JONES: I wasn't pushing for that, I was just wondering wherever you found it, how does it get

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implemented onto other vessels if the same situation
  could occur.
                            Through the audit.
             THE WITNESS:
                                                 The audit
  results are sent to the VPs and directors or whoever is
  responsible in the particular area where the problem
  was found and then a dialogue will start through the
  various safety meetings and we will keep an eye on
  what's going on and try to stay on top of it.
             BY MR. JONES:
             And DNV is your outside auditor?
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             Yes.
        Α
                         This is Curtis Mase. For the
             MR. MASE:
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   SEMS, right?
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             MR. JONES: Right.
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             THE WITNESS: Well, with one exception.
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   also have an independent environmental auditor.
             BY MR. JONES:
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             Who in the company holds the Document of
  Compliance?
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             I do.
        Α
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             You do?
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        Q
             I do.
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        Α
             Not the DP?
        Q
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             No, I do.
        Α
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             MR. CURTIS:
                           Okay?
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                         Yeah, that's it for right now.
             MR. JONES:
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  Thank you.
             MR. LAMBERT: Michel Lambert.
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                          EXAMINATION
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             BY MR. LAMBERT:
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             May I apologize for my english is so bad.
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             No problem.
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        0
             If I fully understood, your Safety Management
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   System is covered by certificate issued by (inaudible).
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             Yes. Document of Compliance.
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             Could you confirm that the management of the
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  machinery is within the scope of such a system of
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  certification?
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        Α
             Yes.
             And in particular, operation and maintenance
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   in boiler and what equipment?
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             From a safety and environmental standpoint,
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  yes.
                           Okay.
                                   That's all.
             MR. LAMBERT:
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                           Kevin Hislop.
             MR. HISLOP:
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                          EXAMINATION
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             BY MR. HISLOP:
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             Peter, could you explain to me please your
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  scope of duties as your title Regulatory Affairs?
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A Right.

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Q What is involved in that?

A If it has to do with regulatory standards and my involvement with Project America for example is from a regulatory standards standpoint, that's within my scope.

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If it's -- basically, it's very broad. It's compliance with regulatory standards or with our own standards within the SEMS.

- Q So it's regulatory standards with IMO?
- A Yes.
- Q Flag, state?
- A Yes.
- O Class?

A Yes. But that's compliance with that and I will give you an example. The class certificates are typically the responsibility of the technical superintendent.

My department's job is we monitor to see if the certificates, the surveys, audits, whatever are being done, we don't get heavily involved with that standpoint unless we find that it's just not being addressed.

And I will give you an example. Coming up, BARPO-4 (phonetic) has been ratified, so I put technical, I put finance, I put everybody on notice that hey, BARPO-4 has been ratified and you need to verify that BARPO-4 certificates are going to be on all the ships where they're needed.

I will take that standpoint. That's a tickler item and we'll come back later on in the summer and then when the actual deadline hits to see where we are on that.

But as far as us being responsible for implementing on board the ship's BARPO-4, from that standpoint we wouldn't do it.

So the Regulatory Affairs thing is a little fuzzy there. The first line on regulatory affairs, on anything regulatory, basically comes through the responsible department.

Q So who would have like sort of meetings, say with class, sort of get together meetings shore side?

A The responsible VPs, technically, unless there was a particular issue that came up and along those lines, I've been called into meetings with OCMI or (inaudible) here where something in another area appears to be having a problem, so I've been called in to try to find out what went wrong and what they should be doing to address it.

- Q Talking of issues, the operational requirements for the main boilers in port, you said that the ships will shut down in port; is that correct?
 - A (No response.)
 - Q From an environmental issue.
 - A I take it you're following up on the progress meeting statement that I made the other day?
 - Q Yes.

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A The purpose of what I said at the process meeting is that there's more than one reason to do a lot of things and to cast doubt on the practice of shutting down boilers in port has to also be put into the frame work that there are other regulatory schemes that encourage it and you have to balance all those things out and not just boilers, diesel engines too.

We have three ships in Alaska right now that we will be fined by the government if we don't have minimal equipment running while we are in port. So that stresses equipment too.

Also sometimes we run into a situation where the regulatory scheme threatens safety, where the constraints and penalties for say emissions are so onerous that a captain will be forced from that standpoint to think about maybe I only have three main engines on instead of four. He wants to have the fourth one there for insurance, so to speak.

My whole point the other day was that to take anything out of context from that standpoint I thought was inappropriate and there has to be balance in the evaluation of that whole thing.

To say that you're stressing a boiler by shutting it down and starting it up, well, you may be stressing it, but you stress everything every time you use anything and was the stress refractory tubes, drums, what are we talking about?

My whole point is that to paint a picture without putting it into the proper context is inappropriate.

- Q My question is the awareness of this question of the boilers, would you consider this a fact to bring to the attention of class?
- A I would bring it to the attention of class to say what's the class's -- as the experts, what's the input.
 - Q Has it been done?
 - A I don't know.
 - Q You don't know?
 - A I do not personally know.
- 49 Q Finally, to your knowledge, Peter, has there

been ever any discussion with respect to the Norway, change of class? Α Yes. There was that I'm aware of. 3 MR. HISLOP: Okay. Thank you. Ken? MR. CURTIS: MR. OLSEN: I've got a few questions, I realize that you may not answer them. EXAMINATION BY MR. OLSEN: Can the persons you referred to as the risk 10 management persons give us some type of information as to how the maintenance budget for the Norway is 12 developed with respect to engineering equipment? MR. MASE: Most respectfully I'm going to 14 stand my ground on this point and I'm going to instruct 15 Mr. Randall not to answer the question. You're free to ask them, Mr. Olsen, just so you have your record. 17 MR. OLSEN: Carlos, would you like to ask that one for me? 19 MR. MASE: Let me be clear. Carlos can't ask 20 the question either, because I'm not going to allow my 21 objection to this to be subverted by simply having him 22 ask the questions. 23 For the record, you're refusing MR. OLSEN: 24 to respond to any questions from Coast Guard officials; 25 is that correct? Coast Guard representatives? 26 No, that's not correct. MR. MASE: 27 28 refusing, as I said earlier, to allow any questions that you may ask, Mr. Olsen, to be answered. 29 If you want the pass to Carlos and let him 30 ask questions, that's fine. If you want to ask questions here on this record, I'm going to instruct 32 Mr. Randall not to answer. My position is clear from the two letters I've sent to the Coast Guard and what 34 I've said earlier today. MR. OLSEN: I've got another question. 36 37 BY MR. OLSEN: Prior to the casualty, are you aware of having any discussions or having heard of any 39 discussions with anyone regarding the existence of 40 fractures within the seams of the boiler? 41 Don't answer that. MR. MASE: 42 13 BY MR. OLSEN: Another question, would you expect a new 44 vessel superintendent in assuming his new role as a 45 superintendent to thoroughly examine all existing files 46 that might relate to the boilers on board the Norway? 47 MR. MASE: Don't answer that. 48

BY MR. OLSEN:

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Would you expect a relieving chief engineer
  to examine all those files as he comes on board as
  chief for the first time?
             MR. MASE:
                       Don't answer that.
             BY MR. OLSEN:
             Would the work that's performed on the
  boilers and logged in work books which we've called
  evidence, would that work be expected to be found in
  the AMOS-D system, the completion of that work?
             MR. MASE: Don't answer.
             BY MR. OLSEN:
             I was wondering if you could possibly give us
12
  an indication of the types of material failures or
  conditions that might lead up to the reporting of a
14
  non-conformity.
                    Could you explain that, please?
15
             MR. MASE:
                        Don't answer.
             BY MR. OLSEN:
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             Do you know or do you have any knowledge of
18
  the fitters on board the vessel having been certified
19
  as welders to perform welding on pressure vessels or
20
  pipelines or systems?
21
             MR. MASE:
                       Don't answer.
22
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             BY MR. OLSEN:
             In discussing audit standards, the guidelines
24
  that either internal or external -- well, internal
25
  auditors follow what is the procedure to provide more
26
  details to those standards that are found inadequate?
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             MR. MASE:
28
                       Don't answer.
             BY MR. OLSEN:
29
             During internal audits, would the review of
30
  shipboard files be part of an auditing procedure?
             MR. MASE:
                        Don't answer.
32
                        That's it for my questions.
33
             MR. OLSEN:
  Thanks.
34
                        This is Jon Sale. I think the
             MR. SALE:
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  record is clear that Mr. Randall is following
36
37
  instructions from Mr. Mase in his corporate capacity.
             MR. MASE:
                        I'll stipulate that I am
  instructing him as an attorney who represents him in
39
  his capacity as an employee of NCL.
40
             And I'll further state that I believe Mr.
41
  Sale and Mr. Randall in that regard are only following
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43
  my instruction and are not making their own decision.
             MR. SALE: Jon Sale.
                                   Mr. Randall wants to
44
  cooperate, but is following instructions of his
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  employer and they tell me they've documented the basis
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  of their objection.
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             MR. OLSEN:
                         That's fine.
                                        Thank you.
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MR. CURTIS: Carlos, do you have any

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questions?

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MR. PAILLACAR: No questions.

MR. CURTIS: Brian Curtis.

FURTHER EXAMINATION

BY MR. CURTIS:

- Are you aware of any, through others in the vessel or in management, comments made to the affect that there may have been a problem with micro cracks on the boiler?
- Absolutely not. And if I can qualify that even further, I'm not aware of any comments from people on the vessel with regard to any cracks in pressure vessels on board, not just micro cracks.
- As part of the ISM/SEMS system, are the officers on the vessel required to submit turn over notes from their trips?
 - For their contract. Α
 - For the length of their contract?
- For their contract they are to do a hand over, yes, and that's all documented in the system and I know that the Coast Guard has collected notes from the chief engineer.
- Those are submitted to the chief, is that correct?
- It electronically is recorded and the chiefs typically keep a hard copy and there's typically a hard n copy on board the ship.
 - As part of an employee's background, are generally records kept, certificates kept on individuals working in the engine spaces, particularly the background certificates of a person's qualifications?
 - If you mean their training, in personnel folders. That's where it's supposed to go and that's what the process is.
 - From your take I ask this question, which entity or organization is responsible for identifying and reporting any major unsafe condition found in a particular piece of vessel machinery, namely the main boilers?
 - (No response.) Α
 - Ultimately reporting. Q
 - Α What individual, what department?
- Who ultimately is responsible? I'm trying to think of a clearer, concise way to phrase it. problem is found on the vessel, who is responsible for reporting that to upper management? How is that passed 47 up?

MR. MASE: This is Curtis Mase. You're talking about some kind of an engineering or technical problem, I gather?

MR. CURTIS: A boiler problem.

THE WITNESS: Without looking at the specifics of the SEMS, I've already said that every employee has got a responsibility to report on safety issues. That's in the SEMS.

If any engineer saw something, they're expected to pass it on up the line to the chief The chief engineer is responsible for the engineer. technical plant on the ship and he's responsible for compliance with whatever the class, flag or even port state requirements are from that aspect.

The chief engineer is also expected to provide details in the weekly technical reports and if necessary, in the captain's daily reports to pass those When you go into the SEMS, you'll see who receives those reports and what the detail requirements are.

Shipboard, that's the responsibility there.

Shore side, you have responsibilities for the ${\bf n}$ shore side personnel, too, and I can't cite to you exactly what they say, but typically, if you have a safety issue, typically on anything, boilers or anything else, it's supposed to go up the line as far as it needs to go to get addressed and it's all laid out in the Safety Management System, in the SEMS.

BY MR. CURTIS:

- Q You said the chief submits a weekly --
- Technical report. Α
- -- technical report? 0
- Yes. Α

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- And that's submitted to?
- There's a distribution, it's electronically submitted and there's a distribution. I actually get them on my (inaudible) and while I'm not responsible for some of those areas or any of those areas particularly, it gives me an indication of something I may need to go look at.
- If there were a repair in the boiler or a critical pieces of equipment, that would be submitted through the ISM process as well, right?
 - A repair? Α
- 43 Q A problem found in the boiler, I'm sorry, not repair. 44

MR. MASE: I'm sorry, this is Curtis. not talking about anything being fixed, we're talking about identifying a problem?

> MR. CURTIS: Just identifying a problem, yes. THE WITNESS: If it was a serious problem,

yes, it would be reported. Once that report is there, then it's the responsibility of the responsible parties to follow up on that. The system also allows, through a monitoring process, to follow up and make sure it happens.

MR. CURTIS: I'm going to stop momentarily to turn the tape over. The time is 12:05.

(A brief recess was taken.)

MR. CURTIS: And we're back on the record after a ten-minute pause. The time now is 12:10. We'll go to Jim Walsh.

MR. WALSH: Jim Walsh.
THE WITNESS: Hello, Jim.
FURTHER EXAMINATION

BY MR. WALSH:

- Q Just a couple of follow up questions. You mentioned you have a technical background and you've worked on boilers in the past when you were with the Coast Guard, right?
- A I did boiler inspections within the constraints of the Coast Guard boiler inspection program on U.S. flag vessels.
- Q And that was for new building as well, when you (inaudible)?
- A No. Only from the standpoint of boiler automation.
- Q Boiler automation. When your ships have their annual passenger ship safety certificate inspection, do you attend or does any member of your team attend that?
 - A No.

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- Q How about any special surveys for boilers or diesels, do your teams attend that?
 - A No.
- Q How does your office measure the performance of class and/or flag?
- A There's various ways to measure that, but it's going to depend on what we find on our audits and what we see on port state and on feedback from the ships and from operations personnel.
- Q Are you or your team or anyone else that you're aware of making reports on the adequacy, whether it's adequate, whether it's above what you would expect or below what you would expect on either class or flag surveys or inspections?
- 46 A We don't quantify them, so it's going to be 47 subjective opinion and if we see a trend on something, 48 but part of our -- a deliberate part of our audit 49 process is to look at things that the class and the

flag are supposedly taking care of to see if there are shortcomings and we find shortcomings.

- Q On a diesel, class would probably take a look at a liner every so many thousand hours of operation, correct?
- A Who would do that? Do you mean my audit group?

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- Q No, no. I was saying that class would require a piece of equipment to be examined after so many thousand hours.
- A Whatever the standard they've set up for the piece of equipment. We're going to evaluate whether we find evidence that what they're doing is inadequate.
- Q Realizing that you have boilers on every ship, but only one ship has propulsion boilers, has yr office or the technical department helped you in doing it, created the adequacy of the standards used by class or flag to look at the boilers on board the Norway?
- A I can't speak for technical. I have not, no. My department has not.
- Q Are you aware or is anyone else in your department aware of the frequency of the inspection of the boilers on the Norway?
- A Well, I have knowledge as a result of when I see weekly technical reports when they come in and we monitor whether they stay within class, but further than that, no.
- Q If an issue comes up with -- and we'll talk specifically about the Norway. If an issue came up on the Norway concerning a boiler and the communication route, the device for it is simply someone telling the chief this needs to be done, he does it, does that necessarily mean there's going to be a report that works its way up through the chain that something got repaired?
- A With regard to the compliance program or overall?
- Q Let's say if someone, let's say a watch officer and you could extend that out to almost any ship, if a watch officer, in this case on the Norway, came to the chief and said we need to fix this or repair it or do something about it and the chief says fine, I'll take care of it.

Now, does that watch officer's concern somehow work its way up through the chain because the chief has said I'll take care of it?

A There's several mechanisms for that, as I described. You have the safety and environmental committee, the crew and you have the designated person.

Q Right, but --

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A All of which are there to make sure that a safety concern doesn't get dead headed with any individual.

MR. MASE: Jim, this is Curtis Mase. Are you asking him whether in that particular situation that you're describing the report that was made and handled on the ship would necessarily go up the chain?

MR. WALSH: Right.

THE WITNESS: I'm not even sure a report would be made by a second engineer, other than a verbal report.

BY MR. WALSH:

- Q Right. That's what I was getting at.
- A I would not expect to see a written report on that to get action if there was a problem, because there's other mechanisms there to facilitate that information getting to the people that need to act on it
- Q Right. I guess my point is is there a weak link here from ship to shore if there is something that is being constantly repaired, whether in our case earlier we were talking about a light bulb or an indicating light, or something even like a clinoid?

If it's constantly being repaired and done at the ship level, there doesn't necessarily have to be a communication to shore side management, correct?

MR. MASE: This is Curtis. I don't know whether you're still working on the weak link question, but it seems to me like that's sort of supposition and opinion and a little bit far afield of what we're supposed to be doing here.

MR. WALSH: Yeah, I was still on the weak link.

BY MR. WALSH:

- Q So instead of beating that dead horse, how is the designated person's performance evaluated?
 - A You'll have to ask his boss, not me.
- Q When you are the designated person, how is your performance evaluated?
 - A By the president of the company.
 - Q No, not by whom but how?
- A You'd have to ask the president of the company.
- Q As the VP of Environmental and Regulatory, how is your performance evaluated?
- A By the president of the company, the person I report to.
 - Q Right. That's the person who is evaluating

you and your formal evaluation is based on?

- Formal evaluation forms.
- What do you have to show to see that you're performing better than you did before or worse than before? What do you have to do, what do you have to What's on the form? show there?
- I haven't got the form memorized, you'll have to look it up. I'm sorry. It's part of the system. The form is there, I see it once a year on each of the guys that work for me and once a year on myself.
- Right now are you aware of any part of your evaluation that would say that you have corrected so many non-conformities or a hard standard along those lines, numbers driven?
 - Α No.

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- For training, we're just going a little bit away now from the boiler aspects, but for training, when we were on board and speaking with you earlier, we had talked about NCL having conducted a mass casualty injury drill in Hawaii?
 - Α Correct.
- Were there lessons learned produced from that?
 - Α Yes.
- We'd like to formally put a request in for those lessons learned, if we haven't already.
- I would suggest you put them with MSO Honolulu.
 - Do you have a copy? Q
- I don't personally. I believe the VP Nautical has it, because he was responsible for setting our part of that up and he's responsible for shipboard safety.
- MR. MASE: This is Curtis Mase. We can check and see if we've got a copy and if we have one, we'll make it available to you.

BY MR. WALSH:

- As far as the fire fighting aspects on board the ship, does your department, Peter, have anything to do with that?
- From an audit standpoint and recommendations 41 for improvement, yes.
 - Q How do you measure performance?
 - Whether they -- well, give me a specific. Α
- Well, response time. How do you measure 45 that? Δĥ
 - For a fire? Α
- For any emergency, your Code Bravo. I take 48 it from what they're looking at in the Norway's

instance Code Bravo calls out your general emergency.

A Basically, during the audits we do drills.

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Q Right.

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A And we try to set scenarios and the audit team will look at whether we think it was as efficient and timely as it possibly could be and we have frequently said no, let's do it again.

Part of the audit process frequently is to suggest improvements on the spot and change their procedures shipboard and we've frequently come back with suggested changes to the Safety and Environmental Management System. In fact, the audit process has contributed a great deal to the improvement of the system.

But as from as an objective criteria, the only one that I think we apply is for rescue boats. If there's a (inaudible) standard, we apply it, if there's a written standard we apply it. Otherwise it's going to be subjective based on the experience and observations of the audit team.

- Q Based on those experiences, what is the company's standard for response time for crew members on emergency teams to be dressed out in their fire fighting equipment, on station?
- A It depends on what they were doing at the time, Jim. I can't say there is an objective standard and that's going to be -- I don't see how you can. If it's a waiter standing in the dining room jammed behind a table or it's a stoker who is in bed asleep, it's going to be subjective.
 - Q Do you have a range?
- A No. It's going to be as fast as possible based on the observation and experience and the circumstance.
- Q Do the ships each have a fire plan developed specifically for them?
 - A Yes.
- Q Is the training on fire fighting geared specifically for the ship?
 - A Yes.
 - O Is it formal?
 - A To the best of my knowledge, yes.
- Q At this time we'd also like to formally request the formal ship-specific fire fighting training documentation for the Norway.

Do you know of any program that your group or any other group in Norwegian Cruise Lines has set up for crew and guest evacuation while in port?

A Say again?

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Has NCL, to the best of your knowledge, set
  up a special program for the evacuation of crew and
  guests in port?
             I'd have to consult with the VP Nautical,
  because I know that at least some, if not all the ships
  have a ship-specific and port-specific plan.
             Do you know if the Norway does?
             I do not off the top of my head, but I
  believe they do.
             So when you say a ship-specific plan for in
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  port, that's along side, at anchor or both?
             I assume by "in port" you're talking about
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  along side.
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             All right, let's go with that assumption that
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  it's along side.
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             MR. MASE:
                        Jim --
             BY MR. WALSH:
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             If one exists, we haven't been able to find
  it and we'd formally like to request if we could have a
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  copy of the in port evacuation process and how the
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  shore side plan meshes with the shipboard plan.
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             MR. MASE:
                        This is Curtis Mase.
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                                               We'll look
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  for that.
              Jim, we've got a time constraint here we
  were just trying to tell you. Are you about done?
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             MR. WALSH:
                        Yes, sir, I am.
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             MR. MASE: Can you just quickly wrap up then?
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   I don't mean to be difficult, but Jon Sale -- are you
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  done?
             MR. WALSH:
                                I am finished.
                         Yes.
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             MR. CURTIS:
                          Actually, I think just one more
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  question, I believe Ken.
                         This is Ken Olsen, U.S. Coast
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             MR. OLSEN:
  Guard Headquarters.
                        I have one last question.
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                     FURTHER EXAMINATION
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             BY MR. OLSEN:
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             Is it possible that there was no human
36
  involvement in association with the cause of this
37
  casualty?
              In other words, could it be strictly a
38
  material failure?
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                        Don't answer that question.
             MR. MASE:
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             MR. HISLOP: One quick one?
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                     FURTHER EXAMINATION
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             BY MR. HISLOP:
             Going back to change of class that was
  brought up earlier, what reason or reasons would NCL,
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  pertaining to the Norway, consider a change of class?
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             I can't speculate on that.
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             MR. PAILLACAR: I've got a couple of quick
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49 questions. Carlos Paillacar, Coast Guard.

41 MR. SALE: You've got to be quick, I have five minutes and that's it. That's literally five minutes because I can't be held in contempt. MR. PAILLACAR: I understand. EXAMINATION BY MR. PAILLACAR: As a marine inspector, you were involved in boiler inspections and you were involved in several inspections (inaudible). Have you ever been through a class survey? 10 Α Q You've never been at a class survey? 12 The only time related to a class survey would be break outs, which I would have. During 1990 I would 14 have considered them to be typical of a class survey. 15 While you have been employed with NCL, have you ever witnessed such class surveys done on your 17 vessels? No. Α 19 Are you familiar with the CV program? 0 20 21 Α Yes. Are you a qualified CV inspector? 22 0 Α I was. 23 Do you think the 840 book and the scope of 24 inspection of an annual control verification -- what do 25 you think of that? Do you think it covers all areas 26 that you as a company representative would like the 27 28 Coast Guard to check or you would like it to be less involved or more involved? 29 I'd like to look at the book. As it stands 30 right now, I have no problem with offering suggestions to the book and I've recently offered suggestions to 32 change the environmental book. Is the Coast Guard, in the view of your 3/ company, a good agency to overlook the job of the class 35 societies? 36 37 In the view of my company or in the view of me? 38 In the view of you, if you like. 39 MR. MASE: Well, I would like. This is 40

Curtis. I'd like him to give his view.

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THE WITNESS: My personal view is it depends on the experience and training of the people doing the oversight and specifically I left because I felt that that experience and training was being undermined.

BY MR. PAILLACAR:

Q This is regarding one of your statements that you said that you would expect if you have a blackout to have a form, you know, reported to you and

obviously, regarding the time constraint, you know, you would have an immediate report sent to the company via the master and then some report in writing regarding that.

Correct.

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- Is the expectation also to have the master or the company report such a thing as a blackout to the Coast Guard and fill out a 2692?
- If it fits into the requirements of 2692, yes, and that's built into the Safety and Environmental Management System. There's clear guidance in there on what should be reported.
- Are the masters of the vessels made aware that immediately after addressing safety concerns they are required to notify the Coast Guard?
- A Yes. And what they do is they contact the Vice President of Technical to verify the timing and the requirement to do it.

MR. MASE: Okay. I'd like to stop the questioning right now and if those involved in the interview feel that more questions would like to be asked at a future date, we can arrange to get together and finish those questions as Mr. Sale --

MR. PAILLACAR: Yes, definitely.

-- has an appointment. MR. MASE:

MR. CURTIS: Thank you. The time now is

12:30 and for now we'll conclude this interview.

(Whereupon, at 12:30 p.m. the interview was 29 concluded.)