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In addition to MARPOL. Section 10.9 1 2 is the process regarding the procedures 3 for noncrew members. We have posted a notice at the gangway. 4 5 The Fleet Engineering survey has been amended, as we've already discussed. 6 7 environmental internal audit checklist has been revised order to include all the 8 amendments that we have made to the 9 10 environmental management plan, and to 11 include the implementation of the VGB because we had to include that to the 12 13 order checklist. 14 And then, we have to ensure that it 15 was properly implemented. So we now have that on line. 16 The declaration of environmental 17 compliance upon sign up was originally 18 required to be signed by officers only. 19 20 Now all crew members have to sign it. 21 That's it. Those are all the amendments 22 so far. 23 So that's the end of --24 MR. BUNDY: Any questions or comments 25 on that section?

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1	MR. CHALOS: I have one, Mr. Bundy.
2	Ms. Tsochlas, when you spoke about
3	changing your instructions regarding oil
4	record book Part 1, you are talking about
5	the engine oil book.
6	Right?
7	MS. TSOCHLAS: Yes.
8	MR. CHALOS: And Part 2, you're
9	talking about that oil record.
10	Right?
11	MS. TSOCHLAS: Yes, sir.
12	MR. CHALOS: So you've changed or
13	you've issued additional instructions on
14	how to best fill those out?
15	MS. TSOCHLAS: Yes. MARPOL provides
16	instructions on what entries are to be
17	included in the oil record book.
18	The company has developed its own
19	requirements for additional entries that
20	we wish, which are in line with the scope
21	of work and recommendations made by
22	Captain Wigger.
23	Originally, we have instructions for
24	the oil record book Part 1 only. Now
25	we've included additional instructions for

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1	Part 2 as well.
2	MR. BUNDY: Okay. Very well.
3	MS. TSOCHLAS: So Item 7 is the
4	ongoing audit of the M/T Theo T. Here we
5	focused on the items number included in
6	the addenda that you prepared, Mr. Bundy.
7	The first item was for the procedure
8	for crew members to report anonymously
9	environmental concerns.
10	We have three ways of anonymous
11	reporting. Crew members can send an
12	anonymous e-mail to our crew manner who
13	immediately notifies the DPA or the CCM,
14	Mr. Karagiorgis.
15	They can send a letter by crew mail
16	to the attention of the DPA or CCM. Or
17	they can make an anonymous call to a
18	24-hour toll free number. The call is
19	directed to the company's CCM. Or in his
20	absence, to the company's DPA.
21	We have included that the procedure
22	for anonymous reporting in the pamphlet be
23	developed regarding code of ethics, which
24	we provide onboard our vessels.
25	Our seafarers are informed of the

1

procedure during their prejoining 1 familiarization process and the procedure 2 has been included in the environmental 3 4 management plan. 5 We've also developed posters, prepared posters that we posted around the 6 7 vessel. 8 And we have an example here, 9 explaining the ways that anonymous reporting can be carried out. 10 demonstrating and showing the e-mail and 11 the toll free numbers that they can call. 12 13 Item B was regarding the oil record 14 notations concerning weekly retentions for 15 the fuel overflow draining tank and the 16 scavenger air box drain tank. 17 As I explained, the Form B has 18 recently been amended based on the ongoing 19 audit that was carried out, approximately 20 nine days before. And the chief engineer neglected on 21 22 that first week when we were supposed to 23 record the retention onboard of sludges, 24 neglected to include those two tanks. 25 So this issue has been resolved. And

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I have an example of an oil record book 1 entry here. If you go down a little bit. 2 Here are the weekly retentions and 3 you can see that has the sludge tank, the 4 bilge oil tank, the main engine scavenger 5 drain tank, which is one of the tanks we 6 7 were missing, the incinerator waste oil tank and the fuel oil overflow tank, which 8 is another tanks we were missing. 9 issue has been resolved. 10 Item C was regarding procedures for 11 the regular testing for the oily water 12 13 separator and crew knowledge of testing 14 procedures. And the test -- the oily water 15 separator, oily content, was being tested 16 17 on a monthly basis as required by our 18 company's environmental management plan. 19 And those tests were being recorded in the 20 oil record book. However, it was not the full 21 operational test as requested by Captain 22 23 Wigger during his audit. So we have revised our instructions 24 25 and provided, as I said earlier, a

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specific fluid in order for the full 1 operational test to be carried out on a 2 monthly basis. And here we have the 3 revised instructions. 4 So if we go down a little bit you can 5 see we have the test fluid instructions 6 with a table for the dilution of that 7 fluid to get the right mixture. 8 Item D was regarding the maintenance 9 procedures for the oily water separator 10 and the sewage treatment plans. 11 And the technical department reviewed 12 the electronic planning system and has 13 verified that the maintenance tasks that 14 were missing from the electronic plan 15 maintenance system have -- regarding the 16 17 oily water separator and the sewage 18 treatment plant have been included. 19 And here's a screen shot from that, which doesn't show very well here. But in 20 21 that screen shot you can see that the 22 sewage system has been included. 23 And on the next page, the oily water separator maintenance instructions. 24 25 that's in the link.

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So that's the end of Item 7. 1 2 MR. BUNDY: Okay. Any questions from the parties? 3 4 MR. BROWN: None from the government. 5 MR. BUNDY: No. Okay. Okav. 6 you. 7 Move on to No. 8. 8 MS. TSOCHLAS: Eight is -- concerns 9 the incident that we have in Antwerp. 10 had established some corrective, 11 preventive actions following that 12 incident. The first one was that the technical 13 14 manager will provide instructions to the vessel and requiring that the port fuel 15 16 tank, the other tank, not the tank that 17 caused the problem, should be thoroughly 18 inspected at the first convenient 19 opportunity. 2.0 The instructions have been provided 21 to the vessel. The inspection hasn't yet 22 been carried out because the vessel has 23 been training in West Africa and that fuel tank has to be emptied in order for them 24 25 to be able to access it. So the

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1 opportunity hasn't arisen as of yet. 2 The second item of the technical 3 manager shall carry out a study of our fleet in order to insure that we don't 4 5 have any similar situations on any the other vesšels. 6 7 That technical study has been completed. We don't have a similar 8 9 situation on any of the other vessels. 10 The technical manager will provide 11 proposed inspection on the maintenance 12 schedule for any of the arrangements that 13 were identified. 14 As Kriton is the only vessel that has 15 such an arrangement, a maintenance 16 inspection schedule has been provided to 17 the Kriton. And has been included in its 18 plan maintenance system. 19 And we have developed a procedure 20 requiring that a risk assessment should be 21 carried out prior to a vessel's dry 22 docking in order to ensure that we don't 23 have any such situations, that we may be 24 able to prevent prior to an incident 25 occurring.

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1	So we have developed that procedure
2	and it has been included in our company's
3	safety management system.
4	So with regard to modifications to
5	the vessel's piping, the vessel has been
6	training exclusively in West Africa, so we
7	haven't had an opportunity to make any
8	modifications.
9	MR. BUNDY: Okay.
10	MS. TSOCHLAS: That's the end of Item
11	8.
12	MR. BUNDY: Okay. Questions?
13	Okay. Thank you.
14	MS. TSOCHLAS: Item 9 is the last
15	item of the agenda, and it concerns the
16	observations recorded by the IC during the
17	ongoing audit carried out on the M/T
18	Fidias.
19	Here I have the response to all of
20	the observations that were recorded during
21	that audit. So the first observation was
22	regarding the declaration of environmental
23	commitment.
24	A suggestion was made to make a
25	revision as it is considered some of the

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contents with reference to the oil record 1 book or engine room operations are not 2 related to responsibilities of crew and 3 the deck and steward departments. 4 The references in that form to the 5 oil record book or engine room operations 6 are as examples only, so we don't -- we 7 think this form is quite generic as it is, 8 and quite appropriate for all crew. 9 So should we open it to have a look 10 at it? As you can see here, full and 11 strict compliance with MARPOL regulations 12 and the requirements of our environmental 13 14 system. The proper disposal of waste --15 excuse me -- such as bilge slops and 16 17 sludges. And including correct and completion 18 and also including MARPOL, those relevant 19 20 to MARPOL, the environmental management plan, the oil log book, and the sounding 21 22 book. So I think this is appropriate enough 23 to all of our crew members. 24 So in other words, you 25 MR. CHALOS:

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don't think that a specific reference to 1 the oil record book is necessary or 2 desirable? 3 The aim of this form MS. #SOCHLAS: 4 is to ensure that all of our crew members 5 are fully aware that we do not support 6 7 contravention to MARPOL regulations. 8 When we --MR. BUNDY: Any comments or questions 9 on that issue? 10 MR. WIGGER: I can comment on that. 11 This finding is the opinion of the auditor 12 who carried out the audit, which is 13 14 Captain Joshi. And in my review now, when we submit 15 these audits I don't like to remove the 16 recommendations since they are made in the 17 observations, so I did submit that. 18 in my opinion, this form is sufficient for 19 20 the entire crew. Now, that said, I guess I could have 21 possibly removed it, but I think it was 22 good for discussion and to get the 23 opinions of Ionia, so I decided to leave 24 25 them in there.

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MR. BUNDY: Okay. 1 But I think the form MR. WIGGER: 2 itself is sufficient and I don't really 3 think it needs to be revised. 4 5 MR. BUNDY: Okay. Mr. Bundy, it's 6 MR. CASHMAN: Lieutenant Commander Cashman. One thought 7 8 or point for discussion. Since it's going to all crew and the 9 auditor specifically noted that the deck 10 crew and the stewards may be a reference 11 or an example along with the oil record 12 book is to add that, the garbage log or 13 14 something else that they may see on a daily basis, may make it more applicable 15 to them. 16 MS. TSOCHLAS: We do state that all 17 the requirements to MARPOL and our 18 environmental management plan, we could 19 20 make more examples. But it's just more work. We want to 21 make sure our seafarers read what they are 22 23 signing. And the important part MR. WIGGER: 24 of this declaration of environmental 25

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1	commitment is really the last paragraph
2	about the understanding, the noncompliance
3	with the instructions that may make the
4	company liable.
5	It's important they understand that
6	and they are onboard with that.
7	MR. BUNDY: Okay. Appreciate it.
8	Thank you.
9	MS. TSOCHLAS: And then, when it
10	comes to
11	MR. BUNDY: Okay.
12	MS. TSOCHLAS: When it comes to more
13	specific requirements regarding oil record
14	book and log book, we have that in the
15	familiarization form for the specifics.
16	So then the next observation was to
17	do with the declaration of environmental
18	compliance upon sign off.
19	And as we have already discussed,
20	that was originally only for the officers.
21	We have expanded now that form to include
22	all crew members and they can see that
23	here. If you go further down.
24	MR. BUNDY: Okay.
25	MS. TSOCHLAS: We state that this

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form is to be completed by crew members 1 and not by the officers. 2 The third item has to do --3 MR. BUNDY: Okav. As Ms. Tsochlas 4 5 goes through each one of these, please feel free to make -- ask any questions or 6 comments as she finishes each one as she 7 goes through each one of these. 8 9 So any of the parties could speak up as it may -- as you may think necessary. 10 So if we'll just continue to go 11 through these. And if there are issues, 12 13 I'll be alert for anybody that wants to 14 speak. 15 Okay. The third observation 16 MS. TSOCHLAS: 17 was to do with the environmental 18 procedures for noncrew members. As we've 19 already discussed, we have discontinued that form and we currently are preparing 20 notices to be posted at the gangway. 21 22 The revision indicates in the discontinuation of the form was 23 distributed to the fleet on the 10th of 24 25 June of 2010, just after the ongoing audit

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on the M/T Fidias. 1 Now, the fourth item was to do with 2 3 the ballast water management plan. CFR regulations regarding the ballast 4 water exchange included in that plan were 5 not up to date. 6 That observation had been reported on 7 the M/T Theo T by Captain Wigger, and we 8 have corrected that observation onboard. 9 We checked onboard to make sure that 10 the CFR updated with ballast water 11 management plans onboard all our vessels. 12 And those requirements, the updated 13 CNR requirements were provided to the 14 15 vessels that were made in 2010. And the vessels confirmed that the ballast water 16 management plan has been updated 17 18 accordingly. I did, on that one, I 19 MR. WIGGER: did talk with Captain Joshi and he did 20 indicate that those were aboard and that 21 22 his comments that they were not was likely 23 an error. So that was confirmed. 24 But that was 25 a -- also a -- on the Theo T at that time

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it was not corrected and it was noted on 1 2 the Theo T audit. And between the Theo T and Fidias 3 audit, it was corrected and it was 4 corrected onboard the Theo T during the 5 time we were onboard. 6 MS. TSOCHLAS: So Observation 5 7 refers to the ballast water log. And this 8 was reported both on the Theo T and on the 9 Fidias. 10 I think from what I understand, 11 Captain Wigger had a discussion with the 12 chief officer. And the chief officer also 13 thought that the format should be changed. 14 15 But we spoke to other crew to the other vessels and most of our seafarers 16 are satisfied with the performance and the 17 way it is right now. So we're going to 18 leave it the way it is. 19 MR. WIGGER: Okay. And again, that 20 was a recommendation. There's no specific 21 22 requirement either in the US rules or the 23 quidelines on the format. However, experience with the State of 24 25 California, which does have a fairly

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accurate ballast water enforcement 1 2 program, they highly recommend that a 3 rather than a sequential -- not sequential, but just a listing of tanks, 4 operations on each tank, that one page be 5 dedicated per tank. 6 And that way you can see the complete 7 history of that tank at a glance, rather 8 9 than flipping through pages and pages to find out. 10 And that is generally during a 11 ballast water inspection. The enforcement 12 personnel like to look at the history of 13 the tank and see what's happening. 14 But either way, either way is 15 acceptable, and it really is up to the 16 17 company. Even on other vessels we attend we 18 make this recommendation just because 19 it's, in our view, it's a better way of 20 doing it., But it doesn't necessarily mean 21 22 it's the only way. MR. BUNDY: How did that go when the 23 Theo T called into Long Beach? 24 We had no problems at 25 MS. TSOCHLAS:

Long Beach, so no problems were reported 1 2 to us. 3 MR. WIGGER: And on board you'll have some of the personnel and sometimes it's 4 just to satisfy the auditor. They'll 5 agree with you. But I think, sincerely, 6 7 sometimes they'll say, yes, that is a better way. 8 But it's strictly up to the company 9 and their policies how they want to have 10 consistency in how they maintain their 11 logs. So I have no problem with it 12 remaining as it is. 13 MR. BUNDY: Okay. Great. 14 MS. TSOCHLAS: Let's go to the next 15 16 item. The next observation was to do with 17 the incinerator capacity. It was listed 18 in supplement to the IOPP certificate as 19 20 49.9-kilograms per hour; whereas, the manual specified indicated 38-kilograms 21 22 per hour. We -- we investigated that and test 23 certificate which was issued with the tank 24 25 approval, shall we open that?

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1	Indicates 50-liters per hour, which
2	is about 49.9-kilograms per hour. That's
3	why the classification society recorded
4	that on the Form B.
5	So the manual specifications were
6	more generic this is the actual test
7	certificate.
8	MR. WIGGER: I think this was a
9	finding on the Theo T as well.
10	MS. TSOCHLAS: Yeah.
11	MR. WIGGER: Same.
12	MS. TSOCHLAS: It's the same thing.
13	MR. WIGGER: Same as
14	MR. CHALOS: May I have ask a
15	question, Mr. Bundy?
16	MR. BUNDY: Sure.
17	MR. CHALOS: Where did the 38 come
18	from?
19	MS. TSOCHLAS: From the manual.
20	MR. CHALOS: The manual also said 38?
21	MS. TSOCHLAS: Yes.
22	MR. CHALOS: Was that a generic
23	number, as opposed to a specific unit
24	number?
25	MS. TSOCHLAS: That's which what

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1	the incinerator generally design for, but
2	then when they carry on the test for
3	findings they find the specific
4	incinerator.
5	MR. CHALOS: So you were using the
6	one that is specific
7	MS. TSOCHLAS: The classification
8	society is using the one from the test
9	certificate.
10	MR. CHALOS: Are you all right with
11	that, Mr. Wigger?
12	MR. WIGGER: Yes. Again, you know,
13	the manual is a equipment specific manual
14	and that's the manufacturers test.
15	But as Ms. Tsochlas points out, when
16	they do the type testing they evaluate
17	that. And so, yeah, that's not a problem.
18	Again, the recommendation there was
19	to make sure that the accuracy in the
20	supplement to the IOPP was correct.
21	And I think that this, that that
22	indicates that that is correct.
23	MS. TSOCHLAS: Yes.
24	MR. BUNDY: Okay.
25	MS. TSOCHLAS: The garbage management

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plan had some items that were missing and 1 2 we were recommended to include storage -garbage storage areas on the 3 ships-specific basis, and the details of 4 waste management machinery on a 5 ship-specific basis along with their 6 instructions for use. 7 We have revised the garbage 8 management plan in order to address some 9 other problems that we have also 10 identified ourselves. 11 And that revised garbage management 12 plan was prepared for the entire fleet on 13 a vessel-specific basis at the end of 14 So here we have an example of Theo 15 Ts, it's 52 pages, so we won't go through 16 17 all of that. MR. WIGGER: Does that new manual 18 have a ship-specific appendix in it? 19 MS. TSOCHLAS: Yes, it does. 20 In the ship-specific appendix, it 21 22 has -- if you go towards the end -- go a little bit back here we included waste 23 stream management process that we have in 24 25 management plan.

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And go a little further up as well --1 2 sorry, no, down this page. 3 We've also developed our own garbage receipt because a lot of the time disposal 4 facilities give very generic garbage 5 receipts. 6 So we developed our own so we can 7 record waste separately and attached the 8 receipt by the shore facility. So we know 9 exactly what was disposed of each time. 10 And it can support the entries in the 11 garbage log book. 12 Here we have the instructions, the 13 Theo T has food waste disposal, as well as 14 the incinerator. So we have included 15 instructions for use here, which I think 16 17 it's towards the end. Also, updated the management plan 18 with policies because since the plan was 19 prepared on the Theo T, we have stopped 20 incineration of plastic in accordance with 21 22 MARPOL Annex 6 and we also -- we only discharge food waste, so the plan is being 23 updated. 24 So I think we should move 25 Okay.

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along. 1 Item 8 was to do with hazardous 2 3 special waste such as pyrotechnics to be specified in our waste stream management 4 We have expanded our waste room 5 process. management process to include those items. 6 And we can open that link here. 7 If you go to the right we have the 8 special waste category. And in that 9 category we've included chemicals, 10 medicines, batteries, fluorescent bulbs, 11 pyro techniques, solvents, degreasing and 12 cleaning waste and boiler and engine 13 chemicals. So we expanded that process. 14 I'll just mention one 15 MR. WIGGER: item here. That is beyond the -- actually 16 the MARPOL requirements. 17 MARPOL doesn't specifically require 18 that hazardous waste be segregated. 19 is beyond the MARPOL requirements. 20 Yeah. Now, Item 9 was 21 MS. TSOCHLAS: 22 to do with the special inventory log 23 that's maintained by the master and the engine room seal log is maintained by the 24 25 chief engineer.

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He makes a comment that the metallic seals are in use, are of poor quality. We had originally placed plastic seals onboard the vessels and we did find problems with the plastic seals.

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Because with the high temperatures in the engine room, they would lose their elasticity and break easily.

So we went through the process of finding better seals with the wider prong and we replaced them onboard our vessels. So these seals, in our opinion, are of better quality than what we had before onboard.

With regard to some of the broken seals that were not accounted for, we are reviewing process in order to see how we can include that as an entry in the seal log book.

MR. WIGGER: This is a problem that we see on a lot of vessels, not only Ionia vessels, but it does bring up a problem because if you have seals that are either drying up, breaking, you know, you can always, in our view, you can always claim

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1	or and we have had some ships that have
2	installed essentially unbreakable seals,
3	seals that you'd actually have to cut.
4	So that's a problem, too. But
5	depending upon location where the seals
6	were installed, you know, breaking the
7	seals are important.
8	MS. TSOCHLAS: But these seals are
9	not so easy to break. They have a wire
10	core, so you pull at them quite hard and
11	they don't break quite easily. We
12	consider these improved quality.
13	Item 10 was to do with the
14	operational test of the oily water
15	separator.
16	The vessel basically didn't have
17	enough bilges onboard for the test to be
18	carried out long enough time. So the
19	recommendation was to make sure we had
20	more bilges onboard to facilitate the
21	test.
22	Item 11 was to do with the
23	electronic
24	MR. BUNDY: Hold it.
25	Could we go back?

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1	The just the comment has been
2	noted and taken into account.
3	What does that mean?
4	MS. TSOCHLAS: Next time we have an
5	order we'll make sure we have more bilges
6	onboard.
7	We won't dispose of them.
8	MR. WIGGER: Okay. Just again,
9	knowing that an audit is going to be
10	carried out, and I don't know if your
11	audits are they unannounced?
12	No.
13	MS. TSOCHLAS: That was very last
14	minute.
15	If you remember, I called you up on
16	Friday for a Sunday.
17	MR. WIGGER: But, yeah. So if
18	knowing that an audit will take place
19	we the ship should know also that we
20	will require an operational test.
21	But it was a last minute audit on
22	Fidias. It was like Friday, we had to be
23	there Saturday I think it was. So they
24	had already processed.
25	But the important thing for us is

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1	that we can carry out an operational test
2	and if you don't have any liquid in the
3	bilge holding tank it's you really
4	can't do a test.
5	MR. BUNDY: Okay. The problem was
6	that it had been pumped ashore?
7	MR. WIGGER: Previously.
8	MS. TSOCHLAS: Yes. We have arranged
9	for the bilges to be disposed on the shore
10	facility. And in the meantime, we have
11	arranged very last minute, the ongoing
12	audit to be carried out.
13	As Captain Wigger said, Friday I
14	requested it and Sunday, Captain Joshi was
15	in Greece to pull the vessel. So we
16	already disposed of the bilges.
17	So next time we'll make sure that we
18	keep bilges onboard so that he's able to
19	carry out an operational test.
20	MR. BUNDY: Okay. Thank you.
21	MS. TSOCHLAS: The next item has to
22	do with the electronic preventative
23	maintenance system, and the oily water and
24	the sewage treatment plant. We have
25	already discussed this earlier. The

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electronic plan maintenance system has now 1 been updated as of the 10th of June. 2 And instructions tasks are included 3 in the plan maintenance system regarding 4 the oily water separator and the sewage 5 treatment plant. 6 Item 12 refers to the tank sounding 7 log. The order suggested that we include 8 remarks column and the certification 9 statement on the form. 10 We have made those revisions. The 11 form -- the revised form is already in 12 effect onboard our vessels. 13 Go to the next item. This is the 14 order to carry out the comparison between 15 the SWOMS data and manual samplings so we 16 have some tables here. Go to the next 17 table. 18 He found that there was some 19 discrepancies between the manual tank 20 soundings and the SWOMS soundings. 21 However, those discrepancies were not 22 alarming due to the capacity of the tanks. 23 He did suggest, though, that three 24 25 manual tank soundings be carried out and

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an average taken. We would like to avoid 1 2 doing this because our seafarers are going 3 to get confused carrying out three soundings. 4 So we prefer that any discrepancy we 5 may have is within acceptable limits. 6 MR. BUNDY: Could you speak up a 7 little bit and a little bit more directed 8 towards the microphone. 9 You are speaking -- away from it and 10 I can't hear you. 11 The order has MS. TSOCHLAS: 12 suggested that our seafarers carry out 13 three sounds of each tank and they 14 calculate the average of those soundings. 15 But we think that this will just 16 create confusion amongst our seafarers 17 having to carry out three soundings and 18 calculate the average. 19 So we would prefer them to carry out 20 one tank sounding and we will monitor any 21 discrepancies that we have that may be 22 23 alarming. MR. BUNDY: Captain Wigger, do you 24 25 have are a comment?

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