#### NATIONAL TRANSPORTATION SAFETY BOARD

Friday, February 16, 2001

INTERVIEW OF:

HELEN CULLEN

PRESENT: DONALD J. TYRRELL, Chief, Major Investigation Division, Office of Marine Safety, National Transportation Safety Board

1	PROCEEDINGS
2	MR. TYRRELL: Today is February 17th, the
3	time is 8:10 a.m. And I am talking to Miss Helen
4	Cullen.
5	Ms. Cullen, can you start with when you
6	arrived at the Submarine Base in Pearl Harbor. And
7	what happened and where you went?
8	MS. CULLEN: I guess, I think that
9	(inaudible) about 5:30 and then we went, we had a
10	few people that weren't at McDonalds and from
11	there we went to the submarine base. And we had to
12	wait for (inaudible) And we weren't looking at the
13	time because it was so early.
14	MR. TYRRELL: Okay.
15	MS. CULLEN: Then we went to over by the
16	silver square (inaudible) and
17	MR. TYRRELL: Did anyone give you any kind
18	of a presentation before you went aboard the
19	submarine?
20	MS. CULLEN: Presentation as?
21	MR. TYRRELL: Any kind of instructions, any
22	kind of
23	MS. CULLEN: We signed waivers. I signed a
24	waiver emergency contact, and (inaudible) As far

Τ	as what we were doing on the submarine that day, you
2	know, (Inaudible) on how to board the submarine,
3	you know, ask the Captain (inaudible) permission.
4	And you know, how, the protocol for (inaudible) the
5	officers (inaudible)
6	MR. TYRRELL: Okay. About, after you were
7	given those presentations, were you then taken
8	aboard the submarine?
9	MS. CULLEN: We were met by by, there
10	were, well, there were three officers from the
11	submarine, and I don't believe Scott was one of the
12	first ones, but it was his second in command and
13	then it was (inaudible) and also Bob Brubaker, and
14	(inaudible) They kind of (inaudible) two and they
15	told us that (inaudible) The submarine (inaudible)
16	MR. TYRRELL: About what time was it that
17	you actually went onboard the submarine?
18	MS. CULLEN: It was probably sometime 7:30,
19	probably not as late as eight o'clock.
20	MR. TYRRELL: Did you walk up a gangway from
21	the dock?
22	MS. CULLEN: Yes, we walked across the plank
23	and straight onto the
24	MR. TYRRELL: Okay. When you got aboard

Τ	the submarine, what was the first thing that you
2	did?
3	MS. CULLEN: (inaudible) the crews mess and
4	at that time, we sat down and they offered us coffee
5	and donuts. And, they have, they talked to us more,
6	they introduced the different (inaudible) that day.
7	The crew, what their jobs were. What we would see,
8	where we weren't allowed to go. You know, at that
9	point, Scott asked us to stay with the crew, talk
L O	with them. They wanted, they wanted us to be part
11	of it, and (inaudible) what they said. (Inaudible)
12	MR. TYRRELL: And after the crews mess, what
L3	was the next thing you did?
L <b>4</b>	MS. CULLEN: At that point, they put, we
15	were asked to put on life jackets and they gave us
L6	paperwork as far as information on the boat, a
L7	packet. And they said they would take us groups,
18	you know, the group was too large, and they would
19	split us up, but we would all see the same things,
20	but at different times.
21	MR. TYRRELL: I see.
22	MS. CULLEN: And we would all be, I guess,
23	(inaudible) out of the immediate harbor, and then
24	take us to, go up the bridge (inaudible) to the

1	conning tower.
2	MR. TYRRELL: Okay. And so you were out on
3	deck and the submarine was operating on the surface
4	at that time, I take it.
5	MS. CULLEN: Yes, because, yeah, we were all
6	on the deck. There were, you know, we could all go
7	out.
8	MR. TYRRELL: The whole, the whole group.
9	MS. CULLEN: Yeah.
10	MR. TYRRELL: Okay. What, did you recall
11	what the weather conditions were like?
12	MS. CULLEN: It was as far as very
13	overcast
14	MR. TYRRELL: Were the seas
15	MS. CULLEN: Well, this was when we were
16	still in the harbor. We were not, when we were, you
17	know, I don't know the difference degrees of, I
18	mean, we were actually on, sort of on the conning
19	tower, we were on the deck of the submarine.
20	MR. TYRRELL: Okay. All right. And you
21	went from there to the conning tower?
22	MS. CULLEN: Well, we went from there back
0.0	

MR. TYRRELL: Okay.

down into the submarine.

24

1	MS. CULLEN: And then he started two by
2	two(inaudible) of the con tower.
3	MR. TYRRELL: Okay.
4	MS. CULLEN: So, I guess, you know, at that
5	point we were (inaudible) under water.
6	MR. TYRRELL: Okay. And then what happened
7	next after you left the conning tower?
8	MS. CULLEN: We were the last group to go up
9	to the con tower, because he told us that, you know,
10	it would be a little rougher, and he wanted to
11	(inaudible) he asked, you know, (inaudible)
12	MR. TYRRELL: Right.
13	MS. CULLEN: But, (inaudible) motion
14	sickness and the later he waited, the rougher it
15	got, because it was going further out to sea. The
16	last group, and at that point they took us to the
17	stateroom, you know, he also kind of explained, you
18	know, with the women aboard, that and we were asked
19	to ask questions. And you know, some of our
20	questions were answered and we were also told, you
21	know, (inaudible) you know, don't take it
22	personally, there were some things, you know, we
23	
23	weren't allowed to answer(inaudible). But, they

- was, you know, why (inaudible). But, in a sense,
- 2 you know, I think they wanted to us to experience
- it, and then, get their perspective and then
- 4 (inaudible) But, the Captain turned over his head
- 5 to the women, so that, you know, to make it simpler
- for everybody.
- 7 MR. TYRRELL: Right.
- MS. CULLEN: So, when we got ready to go up
- 9 to the con tower, they harnessed us into the
- 10 Captain's --
- 11 MR. TYRRELL: They harnessed you into, in
- 12 his stateroom?
- MS. CULLEN: They harnessed us, they put the
- harnesses on us in his stateroom.
- MR. TYRRELL: Oh, okay.
- 16 MS. CULLEN: And then we went up to the
- 17 conning tower.
- 18 MR. TYRRELL: Okay. Okay. And about how
- long were you in the conning tower?
- MS. CULLEN: We were there probably for
- 21 about 20 minutes.
- 22 MR. TYRRELL: Okay. And what happened
- 23 next?
- MS. CULLEN: From there, we went back down

1	to the crews mess and at that point I think we
2	prepared, we did, we prepared to dive.
3	MR. TYRRELL: Okay.
4	MS. CULLEN: And each person on the bridge
5	gave us a position
6	MR. TYRRELL: This is, you say you were in
7	the crews mess?
8	MS. CULLEN: We were in the crews mess. We
9	went from the crews mess, they were kind of showing
10	us around, and they kind of took us in groups, the
11	sonar, kind of where, they kind of showed us the, we
12	didn't really go into where the bunk rooms were, we
13	kind of knew where they were, but it was, you know,
14	(inaudible) sonar and showed us how it worked, you
15	know, and how to play, not play, but how to turn the
16	dials to the different frequencies. And how to
17	freeze the frequencies and (inaudible)
18	MR. TYRRELL: Okay.
19	MS. CULLEN: They took us through, they
20	showed up where the communications were done. We
21	were told where the reactor was. Kind of gave us an
22	overlaying layout of where everything was.
23	MR. TYRRELL: Okay. And you said that they
24	were, at some point they started to prepare to

- 1 submerge.
- MS. CULLEN: So, then we prepared to
- 3 submerge. They kind of gave us each different
- 4 positions. I think, I spent most of my time, well,
- 5 when we dove, I was at the periscope. I was the
- 6 navigator.
- 7 MR. TYRRELL: Okay.
- 8 MS. CULLEN: So, I -- They told me exactly,
- 9 you know, where to (inaudible), looking through the
- 10 periscope, and looking, you know, they told me what
- I would see, and at that time what to do, coming
- into the bridge.
- MR. TYRRELL: Okay.
- 14 MS. CULLEN: And from there, throughout, you
- 15 know, I don't know who was at which position,
- 16 because there was somebody, the navigator was, you
- 17 know, right behind me.
- 18 MR. TYRRELL: How many periscopes did they
- 19 have?
- MS. CULLEN: There were two periscopes
- 21 onboard. So, we, when we just went to dove, there
- 22 was only one.
- MR. TYRRELL: Okay. So you were the only
- 24 person on a periscope during the dive.

1	MS. CULLEN: During the dive, yes.
2	MR. TYRRELL: Okay. What types of things
3	did they tell you to yell?
4	MS. CULLEN: Aft, fore and aft venting
5	(inaudible) and they told me to, he explained to me,
6	he said, you know, when we start to dive, you are
7	going to see the water in there, and there will be a
8	lot of bubbles and that means that, you know, the
9	(inaudible) is lifting, you know, yell it and yell
10	it loud. And then whoever, I am not sure what the
11	other procedures are, who does what after that.
12	MR. TYRRELL: Right.
13	MS. CULLEN: But, that was (inaudible)
14	MR. TYRRELL: Okay. Okay. Did you have
15	your head in the periscope throughout the entire
16	dive?
17	MS. CULLEN: No, he would switch off with
18	me.
19	MR. TYRRELL: Okay.
20	MS. CULLEN: I mean, it is kind of like he
21	set it up to, you know, what I would be looking at,
22	and then I had to swing around to, for, to look at
23	the back.
24	MR. TYRRELL: Okay. And did you do a

complete 360 degree turn or did you just go back in 1 2. the 180. 3 MS. CULLEN: It was 180. 4 MR. TYRRELL: Okay. MS. CULLEN: You know, because from the forward, he set it up with forward, and then helped 6 7 move me around. 8 MR. TYRRELL: Okay. 9 MS. CULLEN: To look at the back. And then 10 when I saw the same thing, you know, I don't 11 remember what the exact words are, but it was the 12 same, you know, bough --13 MR. TYRRELL: Okay. Do you remember where any of the other quests were during the dive? 14 15 MS. CULLEN: During the initial dive, I know 16 that Mike Mitchell was in, we were kind of two deep 17 to the, well, you had a doorway in the middle. 18 MR. TYRRELL: Right. MS. CULLEN: And you had two screens right 19 20 in front of that doorway and that was where the 21 Captain stood. 22 MR. TYRRELL: Right.

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MS. CULLEN: And behind him were the two

23

24

periscopes.

1	MR. TYRRELL: Okay.
2	MS. CULLEN: And then behind that were the
3	navigational tables
4	MR. TYRRELL: Okay.
5	MS. CULLEN: Now, over to the right, there
6	were a whole bunch of screens and monitors. We
7	never knew exactly what those did.
8	MR. TYRRELL: Yes.
9	MS. CULLEN: The sonar was in a room,
10	forward of that.
11	MR. TYRRELL: Right.
12	MS. CULLEN: Now, the controls (inaudible)
13	make the boat go up and down and sideways(inaudible)
± 3	
14	were over to the left.
14	were over to the left.
14 15	were over to the left.  MR. TYRRELL: Okay.
14 15 16	were over to the left.  MR. TYRRELL: Okay.  MS. CULLEN: In, in front of the Captain.
14 15 16 17	<pre>were over to the left.  MR. TYRRELL: Okay.  MS. CULLEN: In, in front of the Captain.  MR. TYRRELL: All right.</pre>
14 15 16 17	<pre>were over to the left.  MR. TYRRELL: Okay.  MS. CULLEN: In, in front of the Captain.  MR. TYRRELL: All right.  MS. CULLEN: And there were two seats that</pre>
14 15 16 17 18	<pre>were over to the left.  MR. TYRRELL: Okay.  MS. CULLEN: In, in front of the Captain.  MR. TYRRELL: All right.  MS. CULLEN: And there were two seats that  were together and there was one behind that. And</pre>
14 15 16 17 18 19	<pre>were over to the left.  MR. TYRRELL: Okay.  MS. CULLEN: In, in front of the Captain.  MR. TYRRELL: All right.  MS. CULLEN: And there were two seats that  were together and there was one behind that. And  Mike Mitchell was in that far left seat.</pre>
14 15 16 17 18 19 20 21	<pre>were over to the left.  MR. TYRRELL: Okay.  MS. CULLEN: In, in front of the Captain.  MR. TYRRELL: All right.  MS. CULLEN: And there were two seats that  were together and there was one behind that. And  Mike Mitchell was in that far left seat.  MR. TYRRELL: Okay.</pre>

1	MR. TYRRELL: Right.
2	MS. CULLEN: And then I don't know who was
3	in that front seat. It may have been a crew member,
4	because I don't remember I don't remember there
5	being a person in our party.
6	MR. TYRRELL: Okay. Do you remember any
7	other guests in an operational position for the
8	initial dive, other than yourself and Mr. Mitchell?
9	MS. CULLEN: Not that I can recall.
10	MR. TYRRELL: Okay.
11	MS. CULLEN: What was kind of interesting is
12	the navigation, you know, was in a (inaudible) that
13	it was still done manually. They did not, they
14	didn't do it on the computer. And so, and
15	everything, I mean, I was, you know, (inaudible)
16	that the Navy at times, they would switch equipment
17	around from submarine to submarine. You know, I
18	kind of (inaudible) that, you know, they would move
19	equipment from one sub to the other. And they said
20	it was due to budget cuts (inaudible) and
21	everything, you know, I was surprised (inaudible)
22	and they spoke of what they did.
23	MR. TYRRELL: Yes.
24	MS. CULLEN: (Inaudible)

1	MR. TYRRELL: Okay. So, after the
2	submarine submerged, do you remember what happened
3	next?
4	MS. CULLEN: I think we continued with the
5	tour, seeing different things, walking around, you
6	know, going back down to the crews mess, talking
7	with the different crew members. Just trying to
8	kind of really understand what it was, I mean, you
9	know, I don't think any of us had a notion of, where
10	we would on the boat, what to expect. The closest
11	of the quarters, the way the submarine would
12	actually And they answered, I mean, they were
13	polite and very knowledgeable and very respectful in
14	answering everything, to try give us a comprehensive
15	of what was going on, what their jobs were. And to
16	the best of their knowledge.
17	MR. TYRRELL: Okay.
18	MS. CULLEN: We happened to be the second
19	seating group. The time lines are a little hazy.
20	But, I know that, I think the first group ate
21	anywhere from quarter to 12 but, I know that they
22	were running late because I can't remember, I guess
23	it is the XO, Carroll, he was with us in our group
24	as well as the Head Engineer(inaudible). And we were

1	on the bridge that morning and or in the control
2	room, sorry, and we, they kept, you know, the
3	Captain was in with the first group and (inaudible)
4	we are hungry up here. And so, I think it was
5	probably 12:30 before the second group ate. So,
6	(inaudible) the crew, the cook, and (inaudible)
7	talking to me on the way, the way to the table, was
8	(inaudible)
9	MR. TYRRELL: After, after lunch
10	MS. CULLEN: After lunch, we finished pretty
11	quickly. And I think the other group, I can't say
12	what they were doing, I am sure they were doing
13	somewhat what we were doing, but we had time, you
14	know, the beginning part of the tour, we had gone
15	down to the torpedo room, but they just showed us,
16	you know, kind of how the torpedo room worked, how
17	things moved, you know, they didn't move anything,
18	but said this is kind of how all this goes. We went
19	down the second time, they actually opened up a
20	torpedo tube.
21	MR. TYRRELL: I see.
22	MS. CULLEN: And all I can remember was, we
23	had just ate lunch. So, they took, asked for
24	volunteers on the, they wanted (inaudible) and they

1	told us about guests that they have had on the boat.
2	That were very engaging questions. And they kind
3	of shared those experiences with us, I guess,
4	(inaudible) on submarines. And then we were asked
5	if we wanted to, well, I guess it is kind of like
6	sending out a torpedo, but it is, we used water in
7	the torpedo tubes.
8	MR. TYRRELL: Right.
9	MS. CULLEN: A cycle of water. And so, you
10	know, it would fill it up and then they had
11	(inaudible) and we got back (inaudible) flip the
12	switch and we could hear it go, and actually the
13	other group may have done that during our lunch
14	period, because we could hear the noise. So, from
15	there we went back up to the (inaudible) room.
16	MR. TYRRELL: Okay.
17	MS. CULLEN: And at that point, we began
18	doing the maneuvers.
19	MR. TYRRELL: Okay. What kind of maneuver
20	was, were you doing?
21	MS. CULLEN: We were doing turns, and you
22	know, we would go down to, I think at one point, I
23	think it was (inaudible) sonar, I am not exactly
24	sure of, we kept, all we knew is we were doing

1	maneuvers. (Inaudible) made sure, you know, put
2	(inaudible) in a position, I was back at the
3	periscope (inaudible) to make sure that the person
4	was (inaudible) sure where they were.
5	MR. TYRRELL: Is this the Captain you are
6	talking about?
7	MS. CULLEN: The Captain. And at that time
8	the XO was, he was in-between the navigational
9	panel, (inaudible) was on the left side of the
10	navigational, the Captain came back in at that,
11	where the Captain, after we saw the torpedo room, we
12	all came back up to the control room, the Captain
13	was not there. We all kind of got in position, the
14	guys were (inaudible) and then the Captain came in
15	and he had, the Captain's jacket, with all the
16	patches (inaudible). And that is when he wanted to
17	make sure everybody was in the position, and so they
18	weren't going to fall or slip or you know, and
19	(inaudible). It is protocol, procedures, that he
20	was yelling or not yelling, (inaudible). I don't
21	know what they meant.
22	MR. TYRRELL: Yes.
23	MS. CULLEN: But, when he told us to stand
24	and hold, you know, (inaudible) he made it very

1	clear to us what we were to be doing. And
2	MR. TYRRELL: And during these maneuvers,
3	was it the Navy personnel at the controls?
4	MS. CULLEN: I believe so, yes.
5	MR. TYRRELL: Okay.
6	MS. CULLEN: Yes, when we were doing turns,
7	like a 30 degree turn, because he was, you know,
8	there were things that he was doing, he was, he was
9	giving them commands, and having been the first time
10	on a submarine, I mean, I wouldn't have known what
11	those commands were. I mean, and nobody said a
12	peek.
13	MR. TYRRELL: So it was quiet in the control
13 14	MR. TYRRELL: So it was quiet in the control room, other than the
14	room, other than the
14 15	room, other than the  MS. CULLEN: It was quiet.
14 15 16	room, other than the  MS. CULLEN: It was quiet.  MR. TYRRELL: Other than the Captain.
14 15 16 17	room, other than the  MS. CULLEN: It was quiet.  MR. TYRRELL: Other than the Captain.  MS. CULLEN: Correct and his crew.
14 15 16 17 18	room, other than the  MS. CULLEN: It was quiet.  MR. TYRRELL: Other than the Captain.  MS. CULLEN: Correct and his crew.  MR. TYRRELL: And his crew.
14 15 16 17 18	room, other than the  MS. CULLEN: It was quiet.  MR. TYRRELL: Other than the Captain.  MS. CULLEN: Correct and his crew.  MR. TYRRELL: And his crew.  MS. CULLEN: The crew, because his crew had
14 15 16 17 18 19 20	room, other than the  MS. CULLEN: It was quiet.  MR. TYRRELL: Other than the Captain.  MS. CULLEN: Correct and his crew.  MR. TYRRELL: And his crew.  MS. CULLEN: The crew, because his crew had to answer him back in whatever protocol, I mean.
14 15 16 17 18 19 20 21	room, other than the  MS. CULLEN: It was quiet.  MR. TYRRELL: Other than the Captain.  MS. CULLEN: Correct and his crew.  MR. TYRRELL: And his crew.  MS. CULLEN: The crew, because his crew had to answer him back in whatever protocol, I mean.  MR. TYRRELL: Okay.

- one point he had trouble with the computer screen.
- 2 They were down. And he had to (inaudible) bring the
- 3 screen back up.
- 4 MR. TYRRELL: I see, okay. Were the
- 5 visitors, was the whole big group in there at that
- 6 time?
- 7 MS. CULLEN: Yes, everybody, he had given us
- 8 the offer to go the crews mess to take pictures or
- 9 to stay with him.
- MR. TYRRELL: Okay.
- 11 MS. CULLEN: Everybody elected to stay with
- 12 him.
- 13 MR. TYRRELL: Okay. Were the visitors
- 14 remaining stationary in one, in the location they
- 15 were placed or were they moving around at all?
- 16 MS. CULLEN: Nobody moved because there
- wasn't, you know, we were doing, when we were doing,
- 18 we would dive, we would turn, and (inaudible) the
- 19 degree of the turns were progressive, sort started
- out at a 10 degree turn, 50 degree turn going up to
- 21 a 30 degree turn. How many times it went, I don't
- 22 know. But, from the walk in group, and they were
- giving commands, you know, and there was just wasn't
- that many places to hold on. I mean, you couldn't,

1	you couldn't move from place to place.
2	MR. TYRRELL: Okay.
3	MS. CULLEN: I mean, you feet would kind of
4	slide, you know, (inaudible)
5	MR. TYRRELL: Pretty severe.
6	MS. CULLEN: Yes.
7	MR. TYRRELL: Okay.
8	MS. CULLEN: He also at times, he was timing
9	the crew, he was, you know, he was telling us what
10	he expected of the crew, that he expected them to
11	stay within, you know, a 10 degree, you know,
12	maneuver on and because I was in-between the
13	periscope and back, I couldn't exactly see where
14	levels were. I also couldn't see, there was a
15	screen for me to look at that had the pitch, the
16	roll, and the depth. It was over the navigational
17	table. And my personal interest was in where we
18	were charting, you know, I was curious, I didn't
19	realize the depth dropped so quickly, so close to
20	(inaudible)
21	MR. TYRRELL: Right.
22	MS. CULLEN: And I was fascinated that they
23	still did the navigation by hand. So, I kind of, I
24	watched him, what those guys were doing, because I

1	couldn't see (inaudible) You know, I only watched
2	for the degree, the pitch (inaudible)
3	MR. TYRRELL: I see. Okay. Now, was the
4	next, can you take me through what happened up to
5	the time that they started the emergency blow?
6	MS. CULLEN: He, he, you know, I mean,
7	being, you know, a novice, I don't know what the
8	procedures were.
9	MR. TYRRELL: Right.
10	MS. CULLEN: What I do remember is
11	apparently they, you know, and I don't know how far
12	down the line getting ready for the emergency blow,
13	what they do, but I remember (inaudible) sound some
14	kind of whistle, blow some kind of thing. John Hall
15	was asked to do the, two little gauges, I guess that
16	pump the water out of the ballast. You know, at
17	that point, I mean, because I was still standing in-
18	between the periscope, which I guess had this
19	(inaudible) she was not at the periscope. Cohen was
20	on (inaudible) in the crew. We also came a
21	periscope level. I don't know if it was, if that
22	all preceded, I mean, I just remember the periscope,
23	it turned four, three times, I don't know how many
24	times it turned, because we were looking at what

- 1 looked like a little six inch television. And I
- 2 remember seeing, I guess, we did a 360 because I
- 3 guess you would see the markings where the con tower
- 4 was.
- 5 MR. TYRRELL: Right.
- 6 MS. CULLEN: It would be like a flash
- 7 (inaudible) screen. And you know, we saw that a
- 8 couple of times.
- 9 MR. TYRRELL: Okay.
- 10 MS. CULLEN: From Cohen. I remember the
- 11 Captain going in the sonar room, coming back, and
- taking down the (inaudible) and (inaudible) and you
- know, he did at least rotation, if not two.
- MR. TYRRELL: Okay.
- 15 MS. CULLEN: And he stopped at (inaudible)
- and then you know, put the periscope down, and we
- 17 did a dive, and I think at that point when we got to
- down to whatever, 400 feet, he asked John Clary to
- 19 sit in that control and there were two seats, the
- 20 right hand seat.
- MR. TYRRELL: Okay.
- MS. CULLEN: And at first, you know, he said
- 23 no. And he said, no, I want you to sit on that
- 24 seat. And he did. And we were, you know, that was

1	(inaudible) We went up, and he told us to
2	(inaudible) out of the water, and what was funny is
3	that (inaudible) I mean, we had all seen, you know,
4	what it is suppose, the submarine from the outside,
5	when you are
6	MR. TYRRELL: Right.
7	MS. CULLEN: And that wasn't anticipated, it
8	was not the kind of thing that you see from the
9	inside. It is almost (inaudible) or anticlimaxes.
10	And then all of a sudden, it started down like an
11	airplane, and (inaudible) click. And it sounded
12	like, I mean, at that point, the Captain said, "What
13	the hell was that?" And Harris, who was in that
14	left seat or he was left of the left seat, looking
15	at the monitors, which I don't know (inaudible),
16	turned around and
17	(Tape ended.)
18	MR. TYRRELL: Kind of a ripping, ripping
19	sound.
20	MS. CULLEN: Not really a ripping, you know,
21	I mean, it was like a great big sheet of metal,
22	pulled back, that is kind of what it was.
23	MR. TYRRELL: Okay. And you were all
24	concerned that something had happened to the boat.

1	MS. CULLEN: Well, we
2	MR. TYRRELL: Is that it?
3	MS. CULLEN: Right. Yeah.
4	MR. TYRRELL: Okay.
5	MS. CULLEN: Well, we didn't, and, and then
6	we kind of all, I mean, it was just, nobody
7	breathed, and everybody (inaudible) you know, oh,
8	that is what we always do or I mean, you know,
9	because we just, it was a, I mean, it was just, I
10	don't know. I mean, the Captain was so
11	conscientious and so worried about our well being
12	that day. I mean, he talked about how, what a lucky
13	man he was, you know, how lucky he was, you know, by
14	God. He said, you know, how wonderful, he had a
15	great crew.
16	MR. TYRRELL: Right.
17	MS. CULLEN: And I mean, the whole day, I
18	mean, even during lunch, the XO (inaudible) sat at
19	the table and said, you know, we have worked with a
20	lot of crews and this was a great crew. He is a
21	wonderful man, and because they had all been through
22	different, you know, crews.
23	MR. TYRRELL: Right.
24	MS. CULLEN: And you know, all of sudden,

1 (inaudible) were sitting there going, you know, and 2. we don't know anything. MR. TYRRELL: Right. 3 MS. CULLEN: So --4 MR. TYRRELL: What happened after you heard this loud sign and the Captain said, "what the hell 6 7 was that?" MS. CULLEN: We surfaced. I mean, he was 8 9 like "take it up, and pull up the periscope", he was 10 barking out orders. And at that point he said, he 11 yelled to one of the crew members, to take my quests 12 to the crews mess. 13 MR. TYRRELL: Okay. 14 MS. CULLEN: And at that point, we got down 15 to the crews mess, I mean, we just, we realized that 16 this wasn't on their schedule. And something was 17 wrong. 18 MR. TYRRELL: Right. 19 MS. CULLEN: And all of a sudden, you know, 20 on the screen we saw the boat. MR. TYRRELL: In a video display? 21 22 MS. CULLEN: On a flat screen.

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MR. TYRRELL: Okay. What did, what did it

23

24

look like?

1	MS. CULLEN: At first, I mean, I thought it
2	was a cutter boat, because it had the wide back.
3	And then it was, I mean, at that point we still
4	didn't know, I mean, the waves were going, and so,
5	you are getting, you couldn't tell if it was sinking
6	fast, I mean, and at that point the Captain
7	(inaudible), I mean, (inaudible) on the submarine,
8	it wouldn't have been what you would have thought if
9	we had hit something. It would, the (inaudible)
10	didn't match, what had happened. And at that point,
11	you know, telling us procedure, blah, blah. And
12	please do this. (inaudible) they got the wardroom
13	ready for medivacs and they were going to move us
14	down (inaudible) the torpedo room, and so that they
15	could bring any survivors onboard. Because this is
16	all part of the procedures and you know, they, I
17	mean, they had secured their boat and now they were,
18	you know, ready to help with the rescue operation. I
19	mean, and that was, that was within five minutes.
20	MR. TYRRELL: Okay. When, could you tell
21	by looking in the screen that, that the boat that
22	was struck was actually sinking or not?
23	MS. CULLEN: It took, it took probably a
24	couple of minutes and at that point the Captain, the

Τ	Captain said, you know, the vessel is (inaudible) I
2	mean, I remember sitting in the crews mess and
3	realized that that other boat was sinking.
4	MR. TYRRELL: But, the realization that it
5	was sinking, was it from looking at the picture or
б	from what you heard the Captain say over the
7	intercom?
8	MS. CULLEN: It was probably both. I don't
9	know if, I mean, the seas were so rough, that the
LO	boat was going up, and of course, we were going up
11	and down once we surfaced.
12	MR. TYRRELL: Right. Okay.
13	Where did you go from, they moved you out
L <b>4</b>	of the, out of the mess.
15	MS. CULLEN: And we went down to the torpedo
L6	room.
L7	MR. TYRRELL: To the torpedo room. Okay.
18	And what did you do there?
19	MS. CULLEN: We prayed. And we just, you
20	know, at that point, we wanted to do whatever we
21	could possibly do. You know, during the course of
22	the day, we were told (inaudible) the boat,
23	(inaudible) and there were some of the seven
24	(inaudible) crews on that boat that day. So they

1	were operating, you know, with half their crew. At
2	that point, we wanted to stay out of their way and
3	help them, if there was anything we could do to help
4	them. So, we stayed kind in that one little corner
5	of the room. (Inaudible) emergency equipment,
6	divers, you know, they were going through
7	procedures, and it was (inaudible) what was going on
8	as far as (inaudible) they were doing their jobs.
9	And we, I still remember we knew over, at one point
10	they asked if anyone on the boat spoke Chinese,
11	because they were having trouble (inaudible). And
12	they said they had called the Coast Guard, they also
13	gave the ETA of the helicopters (inaudible). And I
14	just remember for a helicopter (inaudible) it was
15	over, over 20 minutes from the time that (inaudible)
16	on site. But, the helicopter got there (inaudible)
17	the boat.
18	MR. TYRRELL: Okay. The Coast Guard boat.
19	MS. CULLEN: The Coast Guard boat.
20	MR. TYRRELL: Okay. All right. How long
21	did you stay in the torpedo room?
22	MS. CULLEN: We were there, I think, at
23	least 30 to 45 minutes to an hour.
24	MR. TYRRELL: Okay. Did you have a video

1	display to watch?
2	MS. CULLEN: Yes, there is the torpedo room,
3	there is (inaudible)
4	MR. TYRRELL: Oh, okay.
5	MS. CULLEN: To watch.
6	MR. TYRRELL: Did you have anything to seat
7	on?
8	MS. CULLEN: There were, there is some, I
9	guess, torpedo room boxes, that literally had been
10	eight inches or, there was, I mean, I sat on the, I
11	sat on the (inaudible)
12	MR. TYRRELL: Okay.
13	MS. CULLEN: But, (inaudible), you know,
14	Harris came down and he would give us updates on,
15	you know, (inaudible) helicopter arrived, but other
16	than that, we just stay out here. At that point we
17	still didn't know the degree or the magnitude of
18	what, you know, what had happened. We knew, I mean,
19	we knew that we hit a boat and that they were in
20	rescue operations, but we didn't know what was
21	happening after that.
22	MR. TYRRELL: Okay.
23	MS. CULLEN: When he came down, any
24	questions we had, he

1	MR. TYRRELL: Who is this?
2	MS. CULLEN: Harris.
3	MR. TYRRELL: Harris is who?
4	MS. CULLEN: He was the gentleman that was
5	sitting in the far left.
6	MR. TYRRELL: Oh, okay. Okay. So, he
7	wasn't with the rest of the group in the torpedo
8	room?
9	MS. CULLEN: He came down after, you know,
10	done whatever, I guess he needed to do. He came
11	down.
12	MR. TYRRELL: But, he was one of the guests
13	as well?
14	MS. CULLEN: No. He was a crew member.
15	MR. TYRRELL: Oh, oh, okay. And Harris,
16	that is his last name? Okay. He was wearing a
17	name tag, I take it.
18	MS. CULLEN: Yes, he had on, on all their
19	uniforms, they had their names on it. I guess the
20	lower ranks were in white, and the officers or
21	higher ranks were in yellow.
22	MR. TYRRELL: Okay. So, where did you go
23	after you left the torpedo, when did you leave the
24	torpedo room and where did they take you?

1	MS. CULLEN: I think when they realized that
2	they could not take on survivors, that it was too
3	rough, and the Captain kept making updates, he had
4	to update his crew and you know, at that point, I
5	guess we were just, we were hearing what was going
6	on throughout the (inaudible). I think when they
7	realized that they couldn't take on the survivors,
8	they took us back up to the crews mess.
9	MR. TYRRELL: Did he make an announcement to
10	the effect that they could not take on survivors
11	because of it was too rough?
12	MS. CULLEN: Yes.
13	MR. TYRRELL: Okay.
14	MS. CULLEN: Yes. I mean, that was his,
15	his first concern was for his crew, to get, you
16	know, to make sure that the boat was, you know,
17	safe.
18	MR. TYRRELL: Right.
19	MS. CULLEN: That, you know, it wasn't going
20	to take on water or you know, (inaudible), you know,
21	I mean, but, it was probably not even, immediately,
22	he went in to survivors and you know, getting his
23	boat ready to help them.
24	MR. TYRRELL: Right.

1	MS. CULLEN: It was, you know, it was almost
2	simultaneously.
3	MR. TYRRELL: Right.
4	MS. CULLEN: The divers still stayed ready,
5	because he was, you know, you never know if the seas
6	were going to change and that the divers would be
7	able to go.
8	MR. TYRRELL: Right.
9	MS. CULLEN: But, they, you know, it was an
10	hour later and they moved us back up to the crews
11	mess and they realized, you know, and I think
12	(inaudible), the boat, the Coast Guard boat was
13	coming and the helicopter was on the (inaudible),
14	that, you know, they could move us back to the crews
15	mess, because the survivors were not going to be
16	coming onboard with us.
17	MR. TYRRELL: I see. Okay. I understand
18	that you all remained onboard the submarine
19	overnight.
20	MS. CULLEN: Yes. The Captain (inaudible)
21	and kind of talked with us, they knew that we were
22	upset, and I am sure that they were also, and he
23	tried to answer any questions that we had. So, we
24	were told that we were still going to be out there

1	to help with the search and rescue operations. It
2	was six o'clock when they told us that, I guess it
3	was the (inaudible) determination that they, they
4	had made another, they were setting up dinner for
5	the crews mess, for the crew and that the Captain
6	(inaudible) and asked to stay out and help with the
7	search and rescue overnight. And they apologized,
8	and at that point the Captain, there was a logistic
9	problem because there were women onboard and where
10	to have us sleep. The bathroom was (inaudible).
11	MR. TYRRELL: Right.
12	MS. CULLEN: So, I guess, we were asking
13	first (inaudible) all of us felt horrible, because
14	the crew, I mean, they had been through this
15	experience, (inaudible) and we ate and we were asked
16	to go the wardroom, and that is kind of where they
17	turned the wardroom over to us.
18	MR. TYRRELL: Okay. Did anything, anything
19	that that you would consider significant happen from
20	that point on until the time that took you back into
21	Pearl Harbor?
22	MS. CULLEN: Anything significant?
23	MR. TYRRELL: In regards to the search and
24	rescue or any announcements that stick in your mind

1	that are related to the condition of the submarine
2	or the, or the efforts to locate survivors?
3	MS. CULLEN: I mean, it was probably every
4	20 minutes we were turning, because, you know, all
5	night long, I think everybody, we were just all
6	shocked, I mean, at that point, the realization that
7	we weren't going back to shore and that they were
8	asking, you know, for a contact offshore, because
9	they (inaudible) we probably at that point became a
10	liability to them because they were having to do, do
11	more than they would have normally done, you know,
12	for us.
13	MR. TYRRELL: Right.
	MR. TYRRELL: Right.  MS. CULLEN: And so, at that point we
14	
14 15	MS. CULLEN: And so, at that point we
14 15 16	MS. CULLEN: And so, at that point we probably (inaudible). The Captain was, his
13 14 15 16 17	MS. CULLEN: And so, at that point we probably (inaudible). The Captain was, his integrity and responsibilities were impeccable, were
14 15 16 17	MS. CULLEN: And so, at that point we probably (inaudible). The Captain was, his integrity and responsibilities were impeccable, were beyond reproach. He gave us updates. (Inaudible) I
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14 15 16 17 18 19 20	MS. CULLEN: And so, at that point we probably (inaudible). The Captain was, his integrity and responsibilities were impeccable, were beyond reproach. He gave us updates. (Inaudible) I am not, this was our first time that I can't even imagine there being a (inaudible) going beyond what was necessary to make sure that we (inaudible)  MR. TYRRELL: What kind of updates would he

1	what specifically we wanted said. You know, the
2	fact that, I mean, he had command of such a large
3	ship, and crew members, I mean, you know, there were
4	crew members that were suppose to pick up their
5	children at three o'clock, you know, I mean, they,
6	you know, and here he is taking personal time,
7	personally, you know, getting telephone numbers,
8	messages to our loved ones. You know, and he would
9	come in and there were updates, he said, (inaudible)
10	and tell us, you know, what was going on to the best
11	of his knowledge.
12	MR. TYRRELL: Okay. All right. So, about
13	what time was it that you returned to Pearl Harbor?
14	MS. CULLEN: We were told the night before
15	that we would have like a nine o'clock (inaudible).
16	Embark on a, at that point, at one point go back out
17	(inaudible). That morning, I don't know what time
18	we woke up, it was early. It was, it came over the
19	speaker it was time to get up.
20	MR. TYRRELL: I see.
21	MS. CULLEN: And whether that was for the
22	crew or the guests, I don't We ended up not
23	getting back into port until 9:30.
24	MR. TYRRELL: I see.

1	MS. CULLEN: And so from there I don't know
2	what the time line was. It didn't matter to us. We
3	had to go from there to the boat, to the boat
4	(inaudible) and I think we kind of figured we were
5	going to get back around 11.
6	MR. TYRRELL: Could you tell me what the
7	debriefing was all about?
8	MS. CULLEN: We were asked to go into a
9	room, kind of a (inaudible). There were probably,
10	it was six officers. They introduced everybody.
11	(Inaudible) Admiral Konetzni came in, and
12	(inaudible), he apologized, and at that point he
13	broke down. I guess we realized that we have lost
14	(inaudible) He talked about what a fine commander
15	the Captain (inaudible). And he went through the,
16	you know, you are free to talk, you know, we are not
17	going to release your names, you know, that is up to
18	you all. And we are going to be in our
19	investigation (inaudible). And we will let you know
20	that National Transportation Safety Board and
21	possibly other people will be contacting us.
22	MR. TYRRELL: Well, they made it a little
23	bit difficult for us, because they wouldn't give us
24	the names. And when they gave us the names, they

- didn't give us the telephone numbers.
- MS. CULLEN: Oh. You know, I don't, I mean,
- 3 we realized, we didn't know what to do.
- 4 MR. TYRRELL: Right.
- 5 MS. CULLEN: I mean, you know, I think it
- 6 was reported, we had the night before, I mean, you
- 7 know, and we knew at that point it was the Japanese,
- 8 and my first instinct, question from another one in
- 9 our group, was this is going to be an international
- 10 incident. And they said, oh, no, no, it is not a
- 11 big deal. It won't be. And you know, also we are
- going to debriefing and they gave us cards and
- people who we could contact with the Navy. You
- 14 know, and then you kind of watch (inaudible) I mean,
- 15 beyond your wildest dream.
- MR. TYRRELL: Yes.
- MS. CULLEN: And we probably were still in
- 18 shock.
- 19 MR. TYRRELL: There is one other area that I
- 20 have to ask you about.
- MS. CULLEN: Yes.
- MR. TYRRELL: We received a report that the
- 23 quests were served alcohol while onboard the
- 24 submarine, can you --

1	MS. CULLEN: No.
2	MR. TYRRELL: That is not true?
3	MS. CULLEN: That is not true.
4	MR. TYRRELL: Okay.
5	MS. CULLEN: There was, I mean, and because
6	it was funny because that, I mean, we were in the
7	ward room, we were, I mean, we would go through, I
8	guess, trying to make sense of everything and the
9	crew member would ask, I mean, (inaudible) would,
10	kind of (inaudible) and you know, is there anything
11	else I can get you, and you know, and a couple of
12	people in the group would go, you know, a bottle of
13	Scotch would be great. And he was laughing, and in
14	fact, I think it was XO during lunch had told us
15	that how rare it was that alcohol was ever on the
16	boat. That in any times he had ever been in, on a
17	boat, that there was only one (inaudible) alcohol
18	had been cleared for the boat. I mean, that was
19	over in Australia. That they were, I guess he was
20	over during, I don't know who, I don't know when it
21	was, if it was, but he said, you know, and I want to
22	say that it was around the time that of the
23	Olympics. Now, I don't know if the boat was over
24	there, I don't, you know, but it was something, we

1	just realized, I mean, these guys, you know, some of
2	them had been, Techmar had been on Trident, you
3	know, (inaudible) that it was just, it was
4	absolutely (inaudible).
5	MR. TYRRELL: Okay. None of the guests
6	brought any alcohol with them onboard?
7	MS. CULLEN: No. I mean, we got up a 5:30
8	in the morning, I mean, you know, if
9	MR. TYRRELL: No, I haven't
10	MS. CULLEN: The only thing we had was
11	coffee from McDonalds.
12	MR. TYRRELL: I have to ask these questions
13	MS. CULLEN: No offense. I mean, that is
14	why, I mean, we just, what was funny is that if I
15	had ever known that we would have the knowledge of
16	how it was the workings of a submarine, and that, I
17	mean, this, I mean, I have always respected the
18	Armed Services, but I mean, now, I can't even tell
19	you how high integrity, professionalism of these
20	crew members, you know, and I am sure it not just
21	this boat. I am sure it is, you know, but, it is
22	beyond anything I was, ever thought.
23	MR. TYRRELL: Is there anything else that
24	you haven't told me that you think I should know

1	about?	
2	MS. CULLEN: No, I mean, you know, for us, I	
3	mean, we are trying, I mean, this is, I don't	
4	understand how it happened. It doesn't, I mean, I	
5	know we don't know (inaudible) it is like trying to	
6	look at football the first time, we don't really	
7	have a clue of what is going on.	
8	MR. TYRRELL: Right.	
9	MS. CULLEN: But, you know what you saw, I	
10	can't explain it, because it doesn't, because I	
11	don't have a, I don't understand how that could	
12	happen.	
13	MR. TYRRELL: Okay. Well, I really	
14	appreciate you taking your time, taking time out of	
15	your day to talk to me, to help me, tell me about	
16	your experience. If you think of anything later, by	
17	all means please give me a call and	
18	MS. CULLEN: Okay.	
19	MR. TYRRELL: and let me know what it	
20	is. I would be very interested in hearing it.	
21	MS. CULLEN: Okay.	
22	MR. TYRRELL: All right.	

MR. TYRRELL: Well, thank you once again.

MS. CULLEN: All right.

23

24

1	MS. CULLEN: Okay.
2	MR. TYRRELL: Right.
3	MS. CULLEN: Bye, bye.
4	MR. TYRRELL: Bye, bye.
5	(Tape ended.)