## UNITED STATES OF AMERICA

#### NATIONAL TRANSPORTATION SAFETY BOARD

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Investigation of:

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FIRE ONBOARD SPIRIT OF NORFOLK \*
NEAR NORFOLK NAVAL STATION, \*

VIRGINIA ON JUNE 8, 2022

Accident No.: DCA22FM022

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Interview of: CHRISTOPHER JAMES BROWN, Vessel Operator/Captain Spirit of Norfolk City Cruises

United States Coast Guard Sector Virginia 4000 Coast Guard Boulevard Portsmouth, VA 23703

Wednesday, June 8, 2022

### **APPEARANCES:**

MICHAEL KARR, Investigator National Transportation Safety Board

DAVID FLAHERTY, Investigator National Transportation Safety Board

LT United States Coast Guard

ERIC DENLEY, Deputy General Counsel Hornblower Group

GREGORY BURTS, Esq. Phelps Dunbar Attorney for Ryan Nadeau

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1	<u>INTERVIEW</u>
2	(2:50 p.m. Eastern)
3	LT All right. Time is now 14:50 on June 8th. I'm
4	Lieutenant and we're going to go around and do
5	introductions. Let's start with yourself, sir.
6	MR. BROWN: Okay, Christopher James Brown.
7	LT Okay. And just say briefly who you're with and
8	MR. BROWN: Okay, new hire for the Spirit of Norfolk, new
9	captain hire.
10	MR. KARR: And I'm Mike Karr with the National Transportation
11	Safety Board.
12	MR. FLAHERTY: I'm David Flaherty with the National
13	Transportation Safety Board.
14	CWO I'm Chief Warrant Officer with Coast
15	Guard Sector Virginia
16	MR. DENLEY: I'm Eric Denley, Deputy General Counsel,
17	Hornblower Group.
18	(Crosstalk)
19	MR. BURTS: I'm sorry, go ahead.
20	LT Go ahead, again, please.
21	MR. BURTS: Okay, sorry. Gregory Burts standing in for
22	Adam Davis for Captain Ryan.
23	LT Okay, thank you. I think I forgot to mention that
24	I'm with the Coast Guard, this is Lieutenant Do we
25	have your permission, Mr. Brown, to record this interview?

1 Yes, yes. MR. BROWN: 2 LTOkay. And --3 MR. DENLEY: Yeah, just for the record, the owner/operator 4 objects to the recording of the -- recording of the interview, again, based on the NTSB practice of publishing -- publishing the 5 6 interview. 7 All right, thank you. Before we get started, do LT8 you have any questions for us? 9 MR. BROWN: No, no. So the way it will work is I'll ask you a couple 10 11 questions, recount your -- give your account of what happened that 12 day, yesterday, of the incident and then we'll kind of go around 13 the room, we'll ask questions and then we'll wrap up, okay? 14 INTERVIEW OF CHRISTOPHER JAMES BROWN 15 BY LT 16 All right. How long have you been -- well, you kind of just 17 stated it, but how long have you been with the Spirit of Norfolk? 18 Α. One day. 19 One day, all right. Okay. And what was your background 2.0 prior to that? 21 Thirty years Coast Guard, retired warrant, bosun. 22 All right. Can I get your phone number? Q. 23 Α. Yeah, 24 Q. And your address. 25

- Q. All right. All right, sir, so beginning from the start of the day when you first arrived at the vessel, through the incident, and post-casualty.
  - A. Okay.

2.0

- Q. Can you give your account of it?
- A. Yeah. So yesterday was my first day with the company, came in at 10 o'clock to meet with Captain Ryan to have the initial conversation of expectations, scheduling, uniforms, it was kind of an in-dock day. Met with him on the pier, walked on board, went up to the bridge, had a short conversation with him about those topics, the scheduling and expectations and what he was looking for, and talked a little bit about each of the boats that they have there and then, as we got closer to him getting underway for his scheduled trip, he asked me if I wanted to go for the ride and I said absolutely, I'd love to go for a ride and see what it's about.

So I agreed to that, we left the bridge, I basically just followed him around, we went from the bridge down to the engine room, went back into the engine room, main -- or the generators were already running, so we went back and looked at the mains, he just pointed out the fill locations, coolant levels, how to start using the computer system to start the mains, started the Number 1, waited for it to come up to speed, checked drippings at the shaft, just looked for any drippings around the engine, went over to the starboard side, same routine, looked around it real quick,

I just looked at the exhaust and how everything was running or how it was going to be running, started the boat, started everything up, got it running, walked around it, looked at it, went forward, looked at the piping for the fire main system, and looked at the air conditioning system on board, showing me where the different pumps were for lighting off the air conditioning for the boat.

2.0

And then we went forward, came out, and went back all the way up to the bridge. Prior to going up, we stopped at the main deck level, he went down to use the head real quick, I waited at the doorway, came up, went up to the bridge, and just talked a little bit more about the cruises and the captains and the schedules and while we were talking, he started preparing the ship to get under way.

I kind of just -- I just kept my mouth quiet and I was just kind of watching him get everything lit off and he was talking as he was doing it, you know, like come over here and light this off, that piece of equipment off. Then he checked, you know, made a couple calls to the team on the dock in preparation for getting under way, see how many more people we had to board, we were waiting for one person, one group to show up so we were a little bit delayed getting under way, but they showed up and once we did, lines were singled up and he asked me if I wanted to drive to get under way, I said absolutely, I'd love to do that. So went through the control systems again, I went through them so I understood transferring controls, how to operate everything, and

he had the radio and I basically had the conn. So once the people were on board, where I was dropped, we had already singled up and he said okay, we're ready to go, deck crew had been told that we're getting ready to get under way, so started backing up, took in the line, continued backing out, spun, headed outbound at about four and a half knots and Victory Rover overtook us by Lambert's Point, turned on the straight-of-way Elizabeth River, headed out, picked up speed a little bit to catch up on a little bit of time, and once we got off of the Navy piers, he had told me that we're getting to a spot, we can start slowing down and preparing to turn the boat around so we can start heading back in.

2.0

So we were outbounds with the river right off -- basically off Pier 4 and I noticed a power reduction, so I looked down and noticed -- Ryan came over, too, he noticed it, but Captain Ryan came over at the same time he noticed, I said hey, something's going on, he goes yeah, we lost port engine and I said yeah, I agree.

At the same time an alarm went off on the panel that he identified was a smoke alarm and at that time I started smelling the smoke. So we went over to the portside window, I went first, he followed right behind me, I looked out and I said yeah, we have smoke coming out the port stern and actually, there was flame coming out, as well. So he kind of pushed me to the side, looked over, saw it, and I said it's your ship at that -- well, I wanted him to have control back, that I'm --you know, he needs -- it's an

emergency situation, it's my first day, I don't have everything I need to know to take command of control, so I said it's your ship, I'm backing away, he said yeah, no problem. I said if you need anything, let me know and I just kind of stood back, he went to the starboard side, looked out to see if there's any smoke out there, went back over to the port side, looked to see if there was smoke there and went to the VHF FM radio on 16 and called for any tug in the area to assist and one came up right away, he was super close by, I don't remember the name of it.

2.0

But he ended up showing up on scene at the same time he called the -- right after that, he had called the Coast Guard, let them know that we had a situation and what our location was and then we realized that we had no power on the starboard engine, so we had no power at all; the bow thruster was still on, I did notice that, so he did try to push our bow over to try to get us into the wind.

By that time the tugs had already -- the tug had already come alongside port side and he already communicated with them as far as the tug was saying do you want us to come alongside and put a line on and he said yes, absolutely, so put a line on, started pulling us around and then Ryan gave me the -- gave me a radio, an internal radio, and said I'm going to go down below and check on progress. So I said okay and I stayed on the -- I said I'll take coms on the bridge, coms with the Coast Guard, coms with tugs in the local area and maintain kind of a bridge watch up here. So

that's what I did. He left, I don't know where he went, I don't know what -- oh, prior to him leaving the bridge, we did have one gentleman come up the starboard side, for the life of me, I cannot remember his name. He's been there for years, he's been there the longest out of anybody. He came up the starboard side, opened the door and said what's going on and I said I believe we have a fire in the engine room, we need somebody to get down below and check it out and see what we have, so he said okay, I'm on it and he left. I never heard back from him again.

2.0

So I'm not sure what the internal communications were other than I know Ryan, they all have these radios with little ear pieces and they're all -- I don't have all that stuff, so I don't know who's communicating to who. But he left and went away and then Ryan left and went down below.

I took over the bridge, I took the opportunity when we had a moment to call the Coast Guard again, just give them a quick update on where we are, what the current situation was, that we had -- you know, everything that we had going on and then -- and then we had -- so my sequence order, sequence of all the tugs and boats that were there, I don't honestly remember, there was a lot going on. But I know at one point I know Victory Rover got a hold of us, he was right there with us the whole time and he said he would be willing to come over and help us get passengers off whenever we were ready. So I know he held off just for a little bit while he made sure that the fire back there, flames were

coming out so we didn't want anybody coming alongside. A couple of other tugs were calling me and I just asked them to stand off because we already had a tug controlling us. And then Ryan came back up again and I briefed him on what we -- what I had had going on, that I already communicated to the Coast Guard, told them what we had going on, I told them the position of the tugs that we had because two more had come in on port and starboard side, while I was doing the stuff up here, they had just come in.

2.0

So I pointed to them and he went over and looked, looked on the port and starboard side and we cut a quick -- he -- we were talking about getting people off and I don't remember at what point they called in the boat, but he came out alongside and I guess he was communicating with the crew and started the disembarkation of people getting off. Now, I didn't see any of that, I was in the center of the bridge, Ryan was on the port bridge way, so I didn't see any of the people leaving or the boats alongside, per se, but I know it was happening.

And after everybody got on the boat, I did call the Coast Guard again, I think, twice, about every four minutes I called and just gave an update on where we were still, what actions were taken, who was around us and that crew was being disembarked, and I did call and let them know when everybody was off. Ryan had checked with one of the mates who was making sure everybody got off and I guess he had told him that everybody was off. I said is everybody off, do we have full accountability for everybody and he

said yes, everybody is off but you and I, and he said C.J., you can go and I said no, I'll stay here, we need to have a couple of people on here, so I'll stay here with you and he said okay. Sent the *Victory* away and we sat on there I don't even know how long, it wasn't very long, and Ryan looked at me and said we need to get off, there's nothing else we can do, systems are down, we have tugs controlling it so let's go ahead and get off of here and I said all right.

2.0

So we made our way down to the exit area on the port side, there was a small crew boat waiting, stepped over onto the crew boat, pushed away, I kept the radio, the VHF radio, I did call the Coast Guard. Once we pushed away I called again and let them know that the two personnel that remained on board are now off, we are off the boat on board whatever boat the name was, I forget now.

Told them we were off and at that point we just transferred from the crew boat to a towboat, I guess Ryan knew the gentleman who, I guess, was the captain on board, transferred over on to there and we sat there for a few minutes. Coast Guard called me and asked for our names, so I relayed our names and then

Bart Gilbert (ph.) had asked us to come down, come over to the pier when we could so that he could get some information, Ryan could give some information about the boat itself with the efforts to put it out and take care of the matter. So we went over to the pier, at the end of the pier while they were still bringing it in, disembarked up onto the end of the pier, went down the pier, I

looked for Bill, ran into a couple of different people, ran into you, as well, there was a bunch of people, and completed a couple of interviews. And that's pretty much it. And I stayed there, I think, until a little after 4:00. I told Ryan if you need me, I'll stay, but if you're good, I'll go and he said no, you can go ahead and take off, so I went ahead and left. I went back home and then came back this morning and went down to the boat just to check it out, went back down to the pier just to kind of look around and see where we were at, talked to the sector commander and just caught up on some stuff and then came over here for the meeting.

2.0

- Q. Can you elaborate a little bit, the captain said something about a smoke alarm?
  - A. Yeah. So when we noticed the engine was out, the thing -the thing I'm not -- all the alarm systems up there, it was my
    first day, so there was a lot of beeping and alarming going off on
    the bridge between -- I don't even know what all of them were but
    I'm sure it was a shutdown for the mains, maybe a fire alarm or a
    smoke alarm.

But he called on the radio, on the handheld radio down, I don't know who he called, I don't know who he was talking to, but -- but he had mentioned that I have a smoke alarm going off.

That's the only piece I caught, listening to the radios and everything else, I imagine. I don't know what he was doing with it, but he was talking to somebody else on the other end that we

- 1 had a smoke alarm on the bridge.
- 2 | Q. Did he mention any other types of alarms?
  - A. Not that I heard.
- 4 LT Okay.
- 5 BY CWO
- 6 Q. What engine did you say they lost?
- 7 A. Port. Port main.
- 8 | Q. I thought you said it started earlier or something --
- 9 A. Oh, no, just during the initial walk-through, we went to the
- 10 port engine first, did a walk-around, started it, went over to
- 11 | starboard engine, did a walk-around, showed me the starting
- 12 procedures, started it and then we went forward, but it was port
- 13 | main.

3

- 14 | O. Got you. (Indiscernible).
- 15 | A. The initial loss was port main.
- 16 CWO Okay.
- 17 BY MR. KARR:
- 18  $\|Q$ . Sir, you witnessed the start of the engines.
- 19 | A. I did.
- 20 | Q. Anything unusual?
- 21 | A. Not to me. But I don't know what usual is for --
- 22 | Q. Any leaks, noises?
- 23 A. No, saw -- no.
- 24 Q. Vibrations?
- 25 | A. Saw nothing. Nothing that stood out to me, either. It was

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loud in there and I didn't have my ear -- my protection on, but
the start-up I've seen hundreds of times, saw -- and I did look in
the bilges, I did look at the side of the engine, the block, I did
look out back by the shafts because that's what I always do, the
same, the same rounds on everything and I saw nothing.

Q. What kind of a start was it? Air, hydraulic, electrical?

A. I'm going to be honest with you, I do not know what kind of start system it was, but I know that just -- if you're facing forward in the engine -- well, yeah, if you're facing forward in the engine room, just to the left of the port engine there's a hole (ph.) there and the electronic pieces there and the key and all that's there.

Q. Okay.

2.0

A. And that's what I saw. I mean, like I said, it was a very -it was a quick, it was my first quick -- I was just shadowing him,
but I did -- I mean, he went down and did a quick look-around -well, I won't say quick. He did a look-around, we walked over to
the key, to the pad there and I just watched him pushed the pad so
it would start up, turn the key to, I guess, accessory or partial
start position. The screen came up, I don't even know what he
tapped, to be honest with you, and then he turned the key and it
started. And then we just waited a minute, came up to speed -well, came up to a speed, and just did a quick walk-around. He
had his flashlight, I was kind of following, looking in there, I
didn't bring a flashlight so I was following him and looking, but

- 1 didn't see anything on either engine that looked out of the normal
- 2 | at all. And I guess the generators were already running, we just
- 3 | kind of -- we walked by those, looked at the RPM gauges and he
- 4 showed me the cooling tank levels so I'd be aware of that. Yeah.
- 5 ||Q|. How did the bilges look?
- 6 A. I'm going to be -- I didn't really look, I didn't really -- I
- 7 was more looking up at him and I'd never really been down there,
- 8 so I was following him, looking at him, pacing him so I wasn't
- 9 really looking down too much at the bilges, but I mean, they
- 10 | looked fine to me.
- I mean, I didn't -- I couldn't see into the bilge, I mean,
- 12 | under the mains I could and there was nothing under the mains, the
- 13 mains looked clean, but you can't see underneath the rest around
- 14 the bilge itself, so I don't know what's underneath or behind
- 15 | those. But I do look at the bilges, I look at the collection
- 16 plates under the engines to see if there's any drippings or
- 17 | anything, there was no rags, there was no drippings, there was
- 18 | nothing. Nothing at all.
- 19 BY CWO
- 20 | Q. So this is your first time on this boat?
- 21 | A. It is.
- 22 | Q. The general overall cleanliness, engine room presentation,
- 23 | like it didn't look run down, like the oil cap, it looked good/not
- 24 good, in your opinion?
- 25 A. That's a tough one for me, I'm a pretty -- my levels are

- 1 | really, really, really high, so you know, I mean, it didn't look
- 2 dangerous, nothing stood out to me that this is a dangerous engine
- 3 | room, like we need to get it cleaned up before we go, there's oil
- 4 | everywhere. Could it have been cleaner? Yeah, maybe. I mean,
- 5 | that's my -- you know.
- 6  $\|Q$ . Nothing, no oil like was just dripping all over it?
- 7 | A. No.
- 8 | Q. You got little spots (indiscernible)?
- 9 A. Absolutely not.
- 10 | Q. Okay.
- 11 | A. And no, I didn't see any rags, I saw no drippings on the
- 12 engines, I saw no dirtiness on the engines. Actually, the engines
- 13 | looked really good, you know, but around the deck plates and stuff
- 14 | like that, could they have been cleaner? Maybe. But there was --
- 15 | in my opinion, there was no danger, there was nothing on the
- 16 decks.
- 17 BY MR. FLAHERTY:
- 18  $\|Q$ . So you were actually at the helm there for a bit.
- 19 | A. I was.
- 20 | Q. How did it handle, in your opinion?
- 21 | A. Awesome. I was pretty excited. Yeah, no, it handled really
- 22 | well. Engine control was great, we got under way, you know,
- 23 | obviously -- we're getting under way, I had each throttle control
- 24 | individual so I could operate getting out and then once I started
- 25 | heading out, I synced it up so just more control, to control

- 1 both --
- 2 Q. Right.
- 3 A. -- control of the RPMs. Very responsive, spun really well,
- 4 | rudder worked really well.
- 5 Q. So no noticeable delays or --
- 6 A. I did not. In fact, I talked to Ryan about that at the
- 7 | beginning about delays, I said, you know, what kind of system do
- 8 | we have, is it cable, is it electrical, it's electrical. I said
- 9 any delay at all on there, and he said no, he goes it's pretty
- 10  $\parallel$  quick. And I was on the *Spirit* three years ago when they had the
- 11 | older system on there because I was going to be on board and
- 12 working, but after I retired, but life changed, I did something
- 13 | else.
- 14 | O. Right.
- 15 || A. And there was a noticeable delay in the older system, so
- 16 | that's why I asked him, you know, what kind of delay you got, I
- 17 | mean, it's really unnoticeable. We went through the RPMs and
- 18 | control and how much responsive it is, so I noticed nothing and
- 19 even when I got under way and tried it and it was like -- like a
- 20 | second delay, it was super quick. Forward, back.
- 21 ||Q|. And then when the alarm started to go off and there was an
- 22 | indication that there was a problem, but just prior to that, any
- 23 | indication, again, noise, a sudden noise, a loud --
- 24 | A. Absolutely nothing, absolutely nothing. And for me,
- 25 | honestly, the thing for me was how quickly this evolved, you know,

1 it went from we were cruising to, I requested -- yeah, I said what

2 | kind of speed do you want me to slow, he goes well, you know,

3 | three knots is a good speed to get down to before we start our

4 | twist on here, I said perfect, that sounds good, that seems like a

5 reasonable speed. So I was slowing, slowing, slowing, took a

6  $\|$  little bit, never heard anything, nothing was wrong at all, and

then I was just getting ready to actually split it and turn when

that's when I noticed I don't have a port engine and I'm like we

9 have no RPMs, and he's like -- and he pretty much stepped up at

the same time and said yeah, we have no port main, and I said

11 okay.

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12 | Q. Sure. So did the alarms grab your attention or there was a

13 || response?

14 | A. There was -- no, the alarms. Everything happened like

15 | simultaneously, like really quick. I mean, you know, north coast,

16 | in the -- in my other experiences, we got plenty of alarm systems

17 | that hit first, you get a high jacket wire, lube oil, high temp,

engine room high alarm, all these different things before you get

19 a fire.

∥O. Right.

21 A. And that did not happen, this was all -- I got no -- I didn't

22 get any engine -- I did not recognize, let me say that, I did not

23 | recognize any alarm that would indicate an engine failure. I'm

24 | not saying it didn't, like I said, the nuances of the alarm

25 systems on these things are new, I don't know what all of them

1 stand for, what they could be, so -- but I don't -- I didn't --

2 | there was no alarm that went off, everything was just fine. Until

3 I I looked down and noticed no RPMs and I'm like oh, we have no

4 RPMs, he's like yeah, we lost our port and I'm like oh, okay, what

are we going to do now? So I just thought it was a loss of main,

6 you know, main.

- 7 Q. Right, right.
- 8 A. Not a big deal, it happens all the time, you know, something
- 9 shut off, I don't know. And then that's when an alarm went off on
- 10 | the dash --

- 11 | Q. Right.
- 12 A. -- an audible alarm. And probably a couple of them went off,
- 13 | I don't remember them all, but I know an alarm went off and that
- 14 | alerted me and at the same time I smell alpha (ph.) fire, you
- 15 | know, like a paper smell, which I was like okay and the first
- 16 thing I said to him, do we have a trash fire back in the trash,
- 17 | because I don't know if they have a trash bin back there or
- 18 | something, I'm like it smells like an alpha fire, like is there --
- 19 | this is before I went and looked, I just said it smells like paper
- 20 | burning.
- 21 So that's when I went over and looked out and he followed me
- 22 | over and looked out and said no, we got -- we got a lot of -- a
- 23 | lot of smoke and flame coming out back there. And again, I'm not
- 24 | super familiar with the venting system and everything that goes
- 25 on, so I didn't even know where it was, I still thought maybe it

was a trash -- something back there burning, I don't know. But he said no, that's coming out of the exhaust, so we have an engine room fire and I was like -- but that smell was, you know, the initial smell was a typical -- like it was the insulation on the bulkhead burning, you know, and then came like an electrical smell and then kind of a darker smoke smell and smell.

MR. FLAHERTY: Right.

BY LT

2.0

- Q. Could you hear the DJ music where you were at?
- 10 A. No, not at all. I heard nothing outside of that -- all that
  11 I heard was in the pilothouse, that was it. Nothing.
- Q. Did you witness any of the firefighting activities that would lead up to the firefighting --
  - A. I did not. I did not. In fact, for me, I mean, I know they did their job, obviously, the crew did their job in the form that they should have, but the uncomfortable part for me is I have no communication, like I don't know what's going on, you know. I just know in -- looking afterwards and seeing what happened that actions were being taken, but I could not hear anybody communicating because Ryan was on a channel communicating differently, they use a different channel to communicate as a crew than the one he had to communicate with just me, I was on Channel 1, just him and I, so I don't know what he was talking to everybody else about, although hearing other people talking, they were communicating on the other channel, you know. But what they

said, that would be speculation, but --

CWO Do you know what channel they were on?

MR. BROWN: I don't.

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CWO I was just curious.

MR. BROWN: I really don't. He handed me one of the radios and turned it on to 1. He had two radios on him, I think, he had one on 1 and one on another one. Well, the one he's talking to the crew, I would imagine, but he grabbed one, handed it to me after we -- after I said hey, I got the radios, I got the bridge up here, I'll handle communications and stand by up here and that's when he handed me a radio and said okay, I'll be on 1. I said are you going to be on here with me or is it everybody, he goes no, this is you and me, just talk to me on here if you need me. So he left and then I don't know where he went when he left out of there, but --

BY LT

- Q. Did he ever return to the bridge after that?
- A. He did, yeah. Oh, he returned multiple times. He was moving around, yeah. He would leave, come back up, check the bridge, look around, get on the radio, talk to the tug, check the right, check starboard, check port, and then he would leave again and then come back. At one point I'm like where are you going, just tell me where you're going so I know. He's like I'm going down below to check the egress route to see where everybody's going.
- 25 | Q. Um-hum.

- 1 A. And then after everybody left, I said the same thing, he
- 2 | started leaving, I said where are you going, it's just you and I
- 3 | in here, you can't leave. He's like, I know.
- 4 BY MR. KARR:
- 5 | Q. When you were doing the walk around the engine room before
- 6 getting under way --
- 7 | A. Yes.
- 8 | Q. The port side of the main engine has come up in
- 9 discussion.
- 10 | A. Okay.
- 11 | Q. How close did you get to the port side of, you know, the port
- 12 | engine port side, I imagine between the hull and the port side of
- 13 the main --
- 14 A. Yeah, I was right next to it.
- 15 | Q. So you and the captain would walk by that?
- 16 | A. Yeah, absolutely. The port side of the port engine,
- 17 | absolutely. The starting button's on that side, so we did.
- 18  $\parallel$  Q. Where's the starting -- the starting button in relationship
- 19 | to the engine?
- 20 | A. Maybe three feet away and up on a post.
- 21 0. Three feet.
- 22 | A. You could touch the engine and do the start button at the
- 23 | same --
- 24 | Q. And is that three feet from the aft portion of it?
- 25 | A. Yes, it's aft, it's on the aft portion of the main.

And can you remember, did you guys look at the engine and --We did. We did look at the engines, just habit to do that, I don't know what he -- I don't honestly know what he 4 was looking at when he was looking, but I know I just do a quick scan. He had start -- I watched him start it, we looked over at the engine, he had his flashlight, so when he was putting it down in there, I kind of oh, and he's got a flashlight and I could kind of see him scan.

And then we moved forward and did the same, looked at the inboard side of the main and then went around to the starboard, did the same thing, went up to the starboard, started it up, it's on the outboard side of the starboard, but in the same position, aft part of the engine, started it up, did the same thing. Ι didn't -- I didn't inspect it like super, super quick. I can tell you, nothing stood out to me. I mean, I looked at it, nothing stood out that you'd be like oh, you got drips here, you got stuff hanging down or there's paper in the bilge or a rag or something.

Well, can you -- is there anything you -- you can remember

from your scan, you know, you looked at any particular hoses and

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- 22 No. Q.
- 23 Just did a general scan going aft as we moved, yeah.
- 24 BY LT

pipes going into the engine?

25 Did you notice anything stored in that general area, that you

- mentioned an alpha fire, to your recollection is there anything of that nature that was --
- 3 | A. No.

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 $4 \parallel Q$ . -- in that area?

area, uh-uh.

- A. I didn't pick up on anything stored in that engine room other than tools on the back bulkhead and there's a shelving unit and there were some tools back there. Other than that, I don't -- I did not pay attention to anything else being stored around that
  - MR. KARR: Any missing exhaust lagging or exhaust insulation?
    MR. BROWN: Not that stood out to me, no, not that stood out
    to me. Again, it was my first time on there so I wouldn't know
    what was missing, if it was, other than generally speaking,
    knowing about lagging being placed in certain areas, but I don't
    know. I can't recall that.

BY CWO

- Q. So when you guys went into the engine room, what kind of hatch is that to get into the engine room? Do you remember?
- 19 A. Yeah, it's quick acting.
- Q. Quick act. When you opened it up, what can you see from like
- 21 | the door?
- A. Yeah. When you open, when you crack it, you can see the generators, as you're going in, the portside generators are on your right, obviously I was on the other side, and then you go back after that and then the mains are outboard of that, it's

- 1  $\parallel$  behind it but outboard, they're kind of offset a little bit.
- 2 Q. So can you just --
- 3 | A. Yeah.
- 4 Q. The generators, can you not -- can you see the mains? Or do
- 5 you have to go in behind the walls, so it's like generators --
- 6 A. You would -- you probably could if you looked, but if you're
- 7 | generally walking in, the generators are -- yeah -- if you're
- 8 walking in, the generators are right there. Yeah, I don't -- you
- 9 can probably see the edges of them as you're walking, but as you
- 10 get closer, it starts opening up and you can see the mains.
- 11 | Q. Okay.
- 12 A. But they do block a direct vision to the mains, those
- 13 generators.
- 14 | O. Okay.
- 15 || A. You can't get a good look if you're looking at that door
- 16 until you start walking back and then they start coming into view.
- 17 Q. Okay.
- 18 | A. Maybe not that far offset, I may be exaggerating a little
- 19 | bit, but they are not in line with the generators.
- 20 | Q. Not like a straight generator to main --
- 21 A. No, generators and then mains.
- 22 | Q. Got you.
- 23 | A. Yeah.
- 24 CWO That's it for me.
- 25 MR. KARR: I have no more. Anything else we haven't asked

- about that you'd like us to know about?
- 2 MR. BROWN: No, no.
- 3 MR. KARR: Just give me a second to think --
- 4 MR. BROWN: Yeah.
- 5 MR. KARR: -- if there's anything else I have.
- 6 | (Pause.)
- 7 BY MR. KARR:
- 8 Q. You observed -- I'm looking for actual observation of what we 9 saw.
- 10 | A. Okay.
- 11 Q. So what were the fire -- what were the boats who were -- what
- 12 were the boats using to apply the water and where were they
- 13 | putting it?
- 14 A. Okay, so we had one boat on port aft, a tugboat. There
- 15 | might've been more. I observed one pretty good sized tugboat,
- 16 port side aft, using their fire monitor, spraying directly into
- 17 | the vent on the port side, port aft. Starboard side, there were
- 18 | two tugs back there, I do remember that, and they were spraying
- 19 | into the starboard vent.
- 20  $\parallel$  Q. And when they were spraying into the starboard vent, did
- 21 | anything -- did you observe anything, or what did you observe?
- 22 || A. Just them pumping the water into there and lots of smoke
- 23 | billowing out.
- 24 | Q. Smoke billowing.
- 25 A. Yeah.

- Q. No flames. Did flames ever come out?
- 2 A. Yeah. Oh, yeah.
  - Q. When the water was going in, did flames ever come out?
- 4 A. Okay, that I don't -- that, no, I do not know. I do not
- 5 know. I know initially there was fire coming out of there, so
- 6 yes, when they sprayed water initially in the port side, because I
- 7 was looking out, yes, there were still flames, so it did come out
- 8 | a little bit.

- 9 But after that, I don't know when they actively involved
- 10 | after that if flame was coming out. I did look out each side
- 11 | every so often, but I only saw smoke billowing out, especially on
- 12 | the starboard side because we had the wind on the port, so --
- 13 0. Yeah. What color smoke was it?
- 14 A. It started out white, whitish-gray, and then it turned into a
- 15 | darker dark gray, black smoke later on. But the initial out the
- 16 | back was a whitish smoke. It wasn't -- in my opinion, from
- 17 | seeing, it wasn't fuel, it was like an -- it was insulation or
- 18 | something burning, that's what it seemed like and it smelled like
- 19 | it, so I keep associating that to that, but -- but then as time
- 20 | went on, it turned darker and it was a gray billowing smoke coming
- 21 | out.
- MR. KARR: I have no more questions.
- Okay, that concludes our interview, do you have
- 24 | any questions for us?
- 25 MR. BROWN: No.

1	LT Greg, are you on the phone?
2	MR. BURTS: Yeah, I'm still here. (Indiscernible) just
3	finish the interview, could you please repeat your name for me?
4	MR. BROWN: Yeah, it's Christopher Brown.
5	MR. BURTS: Christopher Brown.
6	MR. BROWN: Yeah.
7	MR. BURTS: Okay, thank you very much.
8	MR. BROWN: Yeah.
9	LT Do you have any questions you'd like to ask?
10	MR. BURTS: I have no questions.
11	LT Okay. All right, the time is 15:26 now and that
12	concludes our interview. Thank you again for your cooperation.
13	MR. BROWN: Yeah.
14	LT I really appreciate
15	(Whereupon, at 3:26 p.m. Eastern, the interview concluded.)
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#### CERTIFICATE

This is to certify that the attached proceeding before the

NATIONAL TRANSPORTATION SAFETY BOARD

IN THE MATTER OF: FIRE ONBOARD SPIRIT OF NORFOLK

NEAR NORFOLK NAVAL STATION, VIRGINIA

ON JUNE 8, 2022

Interview of Christopher James Brown

ACCIDENT NO.: DCA22FM022

PLACE: Portsmouth, VA

DATE: June 8, 2022

was held according to the record, and that this is the original, complete, true and accurate transcript which has been transcribed to the best of my skill and ability.



Karen D. Martini Transcriber