## QUEENSLAND COAL MINING BOARD OF INQUIRY

Coal Mining Safety and Health Act 1999

Establishment of a Board of Inquiry Notice (No 01) 2020

## Before:

Mr Terry Martin SC, Chairperson and Board Member

> Mr Andrew Clough, Board Member

At Court 17, Brisbane Magistrates Court 363 George Street, Brisbane QLD

On Wednesday, 12 August 2020 at 10am (Day 7)

Yes, Mr Rice. 1 THE CHAIRPERSON: 2 3 Mr Martin, two witnesses scheduled for this morning are inspectors from the northern region, who 4 I expect will be giving evidence remotely. 5 6 7 THE CHAIRPERSON: Yes. 8 9 MR RICE: I call Paul Brown. 10 <PAUL BROWN, affirmed: [10.01am] 11 12 <EXAMINATION BY MR RICE:</pre> 13 14 Is your name Paul Brown? 15 That's correct. 16 Α. 17 Mr Brown, you're an inspector of mines attached to the 18 northern region; correct? 19 Correct. 20 Α. 21 You have prepared a statutory declaration setting out 22 Q. some information of relevance to the inquiry, have you not? 23 That is correct. 24 Α. 25 Do you happen to have a copy of that there? 26 Q. Yes, I do. 27 Α. 28 29 Mr Operator, it's document BPA.001.001.0001. go directly, Mr Brown, to the conversation that you say you 30 had with Mr Schiefelbein on 20 March, and you give some 31 details of that at paragraphs 5 and 7 of your declaration; 32 33 correct? That is correct. 34 Α. 35 36 Do we understand you correctly that the details of that conversation were entered directly by you on to the 37 computer whilst you were sitting at Brisbane Airport? 38 At the time I was at the airport, I had my 39 Α. laptop open and I entered relevant details of that 40 41 conversation into my - into Lotus Notes. 42 Would that have been on the incident notification form 43 Q. of Lotus Notes? 44 When I was making the entry at Brisbane Airport on my 45 46 laptop, I was working offline, which is what we refer to as in local Lotus Notes, so it's not connected to the server. 47

Some of the details are still retained within the incident investigation - sorry, the incident notification. Some of the details were updated the following day, after I checked that there was consistency between the form 1A and my recollection as I was typing it into Lotus Notes on the day before.

Q. So we have the incident notification form, but, for example, in the "Concise Description" field, does that represent some of the conversation that you recorded somewhere else on your computer?

12 A. That is correct.

- Q. Did Mr Schiefelbein say anything to you about why he was calling you and I assume it was on your mobile looking for Mr Brennan?
- A. Initially when Mr Schiefelbein called me, he stated that he was trying to make contact with Mr Brennan and that he couldn't make contact. I suggested to him that Mr Brennan, if he is not answering the phone or the phone's busy, that he is busy, and I asked him what it was in relation to. He stated that it was to report a HPI, so I told him that he could speak to me and I would take the notification.

- Q. We're just trying to record this, Mr Brown, so if you wouldn't mind being conscious of being close to the microphone and perhaps speaking a little more slowly, if that's okay.
- A. Okay. Sorry.

Q. Did you learn during that conversation that it was in fact the third report that he had made that day?

A. I was aware that there had been a previous HPI reported to Inspector Brennan the same day, but at that time I was more interested in taking the information of the notification of the HPI that he was wanting to report to me, but I was aware that there were other HPIs that he'd reported to Inspector Brennan.

Q. How would you have been aware of that?

A. He made me aware, he stated that he had already reported an HPI to Inspector Brennan earlier in the day.

Q. You don't refer to that in your description of the conversation in paragraphs 5 and 7, but you say that Mr Schiefelbein did tell you that there were earlier

- 1 reports to Mr Brennan?
  - A. That is correct. My statement is in relation to the HPI that was reported to me.

- Q. I do notice now, at paragraph 8, that you say Mr Schiefelbein said that there had been at least one earlier report to Mr Brennan.
- A. Yes, correct.

- 10 Q. Did you feel it necessary to engage with
  11 Mr Schiefelbein as to what that earlier report or reports
  12 were about?
  - A. Mr Schiefelbein did state that it was in relation to methane exceedance and that he was reporting another methane exceedance to myself.

- Q. Well, I'm not sure I understand what you just said. Your answer was that he didn't make you aware that the earlier HPI was in relation to an exceedance?
- A. No, no, he did state that it was he had already reported a HPI to Inspector Brennan. He did mention that it was in relation to a methane exceedance, but I did not go into a level of detail about those exceedances. I was more interested in the HPI that he was reporting to me.

Q. You apparently had a discussion about the prospect of some follow-up that might ensue from that conversation?

A. That's correct. I left it open that after I received the form 1A, that there may be some further follow-up.

Q. In fact, the form 1A came to you, didn't it, later that day?

A. During my flight, Inspector Brennan had emailed it to my in-box, and I've noted in my statement at the time that my in-box has received it. I reviewed that information the following day.

- Q. Well, at paragraph 10, you refer to the email that you received at 3.52. You're saying to us that you didn't actually look at that until the next day?
- A. That is correct. I was still on the flight between Brisbane at that time.

Q. If we might just have a quick look at that email,
Mr Brennan, Mr Operator if we could have document
RSH.002.059.0001, and it's page 2 of that document. Can
you see on the screen, Mr Brown, there's an email to you

- from Mr Brennan at 3.52 on the 20th? 1 2
  - That is correct. Α.

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- You would have learned from that that there were three Q. exceedances, and Mr Brennan had discussed two of them with Mr Schiefelbein?
- That is correct. Α.

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- Q. And the attachment was the form 1A; correct?
- Α. That is correct.

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- When you viewed this, did you look to engage with Q. Mr Brennan about the content or circumstances of the earlier two that had been reported to him?
- No, I didn't. I didn't contact Mr Brennan on the Saturday morning. I reviewed the information within the form 1A and then I prepared an email to send to Mr Schiefelbein requesting further information.

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- Q. Would it not have been of interest to you to know what the circumstances of two earlier events that same day were, for what it revealed about the circumstances and the mine's response to that sequence?
- The process that I followed, following up on, in this case, a third HPI after there had been a previous two, is I'm trying to treat it in isolation so that I can actually have a look at what it is about that particular HPI or what caused it and then have a look at further information as to what caused the other HPIs, which is one of the reasons why, when I sent Schiefelbein an email Saturday morning at 8.19am, I requested other details that overlapped into those HPIs.

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- It was apparently a deliberate choice of yours to Q. place your focus on this third event and, as you say, to treat it in isolation; correct?
- That's the event that I took, and 37 That is correct. Mr Brennan took the other two events. 38

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- Well, who was managing them? Q.
  - Mr Brennan. Α.

- Mr Operator, if we go back to the previous page of 43 this document, we see shown there the email that you sent 44 45 Mr Schiefelbein at 8.19 the next day. Do you recognise 46 that?
- Yes, I do. 47 Α.

Q. At that time, you had the form 1A, you had Mr Brennan's email from the previous day, but if I understand correctly, you did not have details of what the earlier two exceedances comprised or the circumstances surrounding them?

A. That is correct.

- Q. Tell me, when did you become aware of the circumstances of the earlier two that were reported to Mr Brennan?
- A. I do recall I read through the form 1As that Mr Brennan had received on the Monday. The email that you have in front of you at the moment, you notice I've requested the previous 12 hours of data, including shearer positioning/movement, tailgate sensor, dogleg sensor, barometer, and there's other details there you can see. The reason I chose that 12-hour period is that overlapped into Mr Brennan's exceedances, and without contaminating my view of what has actually occurred, I wanted to actually see the data before I read what was in the form 1A so I could form a view what was actually occurring with all three exceedances.

Q. I understand what you say, I'm just curious as to why you would not want to view all of the circumstances together to see what circumstances may have overlapped and factor that into any response you might wish to make.

A. Because the other two exceedances that were reported

Q. You hadn't had any dialogue with him, had you, about what they consisted of or what he proposed, if anything, by way of response?

were being dealt with by another inspector.

A. No, and that's why I requested data, that I could actually form a view as to whether any of them were related to each other or if there were other circumstances that impacted on the exceedance that I received.

Q. Are you saying that in terms of the data that you requested, including information from the previous 12 hours, that you expected that that would encapsulate the circumstances of the earlier two that you were aware of, but not the details?

44 but not the 45 A. That i 46 the data to

A. That is correct. I was looking for the information in the data to form a view before I read what was in the form 1As.

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> 46 47 Α.

And did you anticipate that that data would give you Q. information about the incident that had been reported to you, plus information encompassing the earlier two incidents?

That is correct. Α.

Could you give us a description, if you wouldn't mind, of the significance of the kind of information that you've got there at the first five dot points?

The previous 12 hours, the time frame that I chose deliberately overlapped my exceedance and the two exceedances that Inspector Brennan was issued with. shearer position and movement would be covered in obtaining screenshots that we refer to, and that way we can actually see if there's any evidence of the same trends occurring. So the shearer position and movement, the gas registered on the tailgate sensor, dogleg sensor - you can actually see them on the screenshots and how they relate to each other, so whether or not the exceedances are actually occurring at the same shearer position or the same shearer movement, so the direction of travel.

The barometer is also important to have an understanding. While it's not the key point of an exceedance, it can have an influence on an exceedance. When I looked at the previous 12 hours, Inspector Brennan's exceedances, there was a slight rise in the barometer. my exceedance, there was a slight drop-off on the barometer, so the barometer was on a fall, and on Inspector Brennan's, the barometer was on a slight rise.

So I was looking at and taking in all this information as to whether or not there was any correlation between any of the exceedances or whether they were in isolation.

- And you also sought some information about gas well performance?
- That is correct. I asked for what gas wells were active in this time frame, gas well performance, both planned and actual, and I asked for a plan to show the positions of gas wells on a mine plan. All information was provided to me.
- Mr Schiefelbein I think did come back to you over the weekend with that information?
- That is correct. I requested it to be provided to me

by Monday, which is a reasonable amount of time for him to gather that level of detail, considering he would probably not be at work, and he actually - I received it in my in-box on Sunday, the 22nd.

Q. To sum up, did you expect that all of the information you sought in that email would give you, for your purposes, a comprehensive overview of at least a 12-hour time frame? A. Yes, correct.

- Q. You undertook your review of the information, I think, on the Monday morning?
  - A. That is correct.

- Q. And you were also in contact with Mr Dobson, I think, to pass on some information to him about what you had received?
- A. Yes, that is correct.

- Q. And you say at paragraph 14 that this particular incident was discussed at the meeting at 8am that Monday morning?
- A. That is correct. We have a weekly inspectorate meeting on Monday mornings where we discuss we have an agenda that we go through and discuss a lot of matters. HPIs, gas exceedances, serious accidents, from the weekend are the first point, and then we discuss about other incidents that have occurred in the previous week, and during the course of that discussion, Inspector Dobson did actually ask me some questions about that particular exceedance, and I offered to provide him with some information that I'd already received at that time.

Q. It may just be a choice of words, but you see at paragraph 14 you mention that the gas exceedance had been discussed at the 8am Monday meeting?

A. Yes, correct.

- Q. I just wanted to point out that there obviously had been in fact not one, but three, gas exceedances.
- A. Yes, I'm only referring to the gas exceedance that I received. I don't speak for other HPIs that other inspectors have received.

- Q. But are you able to tell us whether the other two were also the subject of discussion at that meeting?
  - A. When I forwarded Inspector Dobson the information,

which was at 8.43am, I said to him in my email to him:

 Still to go through information yet. Will look at it today. I have enlarged the additional information sent yesterday. I noted the peak value is different for exceedance 3. I will question this after I have looked at the other information.

- Q. In fact, you did get the other two forms 1A later that morning?
  - A. I accessed the other the exceedances that Inspector Brennan had received, I accessed them through Lotus Notes, and Inspector Brennan and I did actually discuss the exceedances on that morning, but I independently had a look at his exceedances on Lotus Notes. That was the first time I looked at them.

- Q. So to understand the sequence, then, according to the email transmissions I won't go to them, but according to them, the forms 1A were actually sent to you about five minutes before 9am that morning. Does that jog your memory?
- A. Yes, the mine had sent me the form 1As again. It's the same form 1A that Inspector Brennan had forwarded to me on Friday, and for whatever reason, I believe it was probably just the SSE being particular about ensuring that the mine had sent it directly to me, I received that form 1A again, but it was the exact same form 1A that I received on Friday.

- Q. Yes, but I'm talking about the other two, being the forms 1A relevant to the matters reported to Mr Brennan. I'm suggesting to you that you got them shortly before 9 o'clock on the Monday morning.
- A. I didn't receive them. I actually viewed them in Lotus Notes. So I didn't download them. I just viewed them.

- Q. All right, it's not worth going to, but there is a record of an email addressed to you that morning, or two emails, attaching those forms 1A. That doesn't jog your memory?
- A. The form 1A that you're referring to in the email is the only the form 1A for my gas exceedance.

Q. By that time --

1 A. You're referring to - sorry.

- Q. I gather you then engaged Mr Schiefelbein in conversation, having reviewed the details of all three exceedances through the forms 1A that you by then had?

  A. During the course of our inspectorate meeting on the
- Monday morning, I cannot remember the exact time it finished, but it commenced at 8 o'clock during the course of that meeting, Mr Schiefelbein was trying to contact me via my mobile phone. I stepped out of that meeting, I took
- the call. We had a discussion about what I had reviewed so
- far about the exceedance that I'd received. I didn't discuss the exceedances that Inspector Brennan had
- 14 received. I specifically spoke to Mr Schiefelbein about
- the exceedance that I'd received, and we discussed those in detail, which I later recorded in an email to SSE Wynn.

- Q. In an email to whom, sorry?
  - A. The SSE, Mr Wynn.

- Q. We have that. I don't think there's a need to go to it, but the upshot, I gather from paragraph 17 of your statement, was that you got an email from Mr Wynn the next day attaching a form of ventilation advice that was consequent upon your communications to him and to Mr Schiefelbein; is that correct?
- A. That is correct.

- Q. The next stage in the process, as you know, is for the mine to prepare forms 5A at a later date.
- A. Yes, correct.

Q. In this case, because there were three exceedances on 20 March, there were three forms. Did they come to you, do you recall?

A. No. The form 5A is received by our administration workers in our office here. They input the data in the form 5A into Lotus Notes and then they send us a notification by email that it's now ready to be viewed, and it's a requirement of each individual inspector to review the form 5A received for that individual HPI or serious accident.

- Q. Does it follow that in accordance with that procedure you would have viewed the form 5A for the event at 12 noon on 20 March?
- 47 A. That is correct.

- Q. And you would expect Mr Brennan would have looked at the other two?
- A. That is correct.

- Q. Well, the forms were all submitted perhaps you can take it from me on 7 April, according to the email transmissions that we have. Were you aware, by the time that you received or at least reviewed the content of the form 5A for the event you were concerned with, that there had been another three incidents in the meantime at Grasstree mine?
- A. No. I was not aware of that.

- Q. Had you been aware of it, would it have prompted you to review the sequence of HPIs at Grasstree mine?
  - A. Yes, it would have. I would have actually had a look at each individual HPI to see if there was any correlation between that and the HPI that I'd received.

- Q. So in reviewing the form 5A, as we expect you did, there was no alert or other mechanism to identify for you that there had been another three that you might have wished to look into?
- A. No, not at that time, there was not a mechanism in Lotus Notes.

Q. And, in fact, by 11 April there was another one, making a total of eight HPIs in a sequence at Grasstree between 22 February and 11 April. Do you know that now? A. I know that now.

Q. Did you undertake any review of the group of eight to see what they might reveal by way of any need for intervention by the inspectorate with respect to that group?

A. No, when I was aware that there had been a number of HPIs relating to gas exceedance incidents, I was aware that that had already been raised to the attention of the regional inspector, so he'd already been made aware of that, but I could not tell you when that actually occurred.

- Q. In any event, you didn't review the group of eight as a whole, because from what you tell us, you didn't at that stage know there was a group of eight?
- A. No, that is correct.

- Q. Do you know whether anyone else did? You've mentioned Inspector Smith. He had a particular focus on the location of the sensor and whether it was compliant. But in terms of the underlying causes of the HPIs, are you aware of whether he or anyone undertook a review of those eight HPIs in sequence?
  - A. No, I'm not aware.

- Q. And there was no function within the computer system or any other system to alert you to the fact that there had been eight in close sequence?
- A. Not at that time. That function is there now, but it wasn't at that time.

- Q. You would know this, Mr Brown: for how long has that function been available to you?
- A. I returned to my job on Monday after being off for four weeks' carers leave, and on my first day of return this week, I was aware through an email and as well as having a look at Lotus Notes that there is a new function in Lotus Notes that makes you aware of the historical there's historical data when you select the hazard classification or when you're entering a particular --

- Q. All right. So if you were to go to Lotus Notes today to enter a description and other details of an HPI, are you saying there is some mechanism within the system to alert you to the HPI history?
- A. Yes, that is correct. When you enter the when you're entering the incident notification, you have to enter in the hazard classification. As soon as you select a hazard classification, there is a it looks a little bit like a spreadsheet that comes up within a box below that, and it will alert you to the previous 12 months of the hazard classification. However, it only selects the main hazard sub-classification, if that makes sense. Under each hazard classification, there are sub-classifications.

- Q. That was put in place whilst you were on leave; correct?
- A. Yes, that is correct. I could not tell you the date that that was activated, but it was while I was on leave.

Q. Is it correct that to become aware of that kind of historical information, you and others in the region have been pretty heavily reliant on discussions amongst yourselves at the weekly meetings and in other ways to

1 share information of that kind?

A. That's correct. The other ways would be - yes, that is correct. The other ways would be generating a report from the incident database for that particular mine in a particular time frame, which is a manual extraction of data.

- Q. It would be unusual to have performed such an exercise?
- A. It is a standard exercise that we perform when we're preparing for an inspection. It is part of our inspection process and procedure that we follow to generate a standard report of HPIs that have occurred for an individual mine at a particular time frame.

- Q. Did the action that you took with respect to the one or perhaps three HPIs on 20 March trigger any need for a follow-up inspection?
- A. When we as I said, when we generate the report, we look for trends within that report of HPIs or serious accidents. If there's an unusual trend and if we just talk about gas exceedances, when you generate that report, it produces it in an Excel spreadsheet, and within that spreadsheet it provides you with a description, who took the notification, all the detail that's within the incident notification, and it provides you with a hyperlink that you can actually click on and go straight to that notification and print the notifications as well.

- Q. Are you speaking about the new function that was put in place whilst you were on leave?
- A. No, that is the function of generating the report for the purpose of conducting an inspection.

Q. Okay, I understand. Thanks, Mr Brown.

MR HOLT: No questions, thank you.

THE CHAIRPERSON: Mr Roney?

MR RONEY: No questions.

THE CHAIRPERSON: Mr Anderson?

45 MR ANDERSON: No questions, thank you. 

THE CHAIRPERSON: Ms Holliday?

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2	<examination by="" holliday:<="" ms="" th=""></examination>
5 5 6 7	MS HOLLIDAY: Q. You've been with the inspectorate for almost five years, Inspector Brown? A. That is correct.
, 8 9 10 11	Q. And at paragraphs 2 and 3 of your statement, it details very briefly an overview of your experience? A. That is correct.
12 13 14 15	Q. Also the qualifications you hold, and it's correct, is it not, that you hold what's commonly referred to as a second class ticket?  A. That is correct.
17 18 19	Q. And you also have an Advanced Diploma of Underground Coal Mining Management; that's correct?  A. That is correct, yes.
20 21 22 23 24 25	Q. In terms of the HPI that you received on 20 March 2020 at Grasstree, you detailed in your statement, and also to Mr Rice, that you were at Brisbane Airport at the relevant time; that's correct?  A. Correct.
26 27 28 29	Q. And you had your computer already open at the time that you received the phone call; that's correct?  A. Yes, correct.
30 31 32 33 34 35 36	Q. Mr Operator, if Inspector Brown can see document RSH.002.076.0001, and what I've asked to be brought up, Inspector Brown, is the incident notification form, what's commonly referred to as Lotus Notes, those first two pages. A. Yes.
37 38 39 40 41 42	Q. Mr Operator, if we can zoom in such that we focus on the "Concise Description" and "Other details", which is just slightly below halfway down, you indicated to Mr Rice that you weren't online, you weren't connected to the internet, at the airport; that's correct?  A. That is correct.
43 44 45 46 47	Q. But, nonetheless, you wrote into that incident notification page at the airport; that's correct?  A. That is correct.

Q. And, indeed, where you wrote - or typed, I should say - was under the heading of "Concise Description"; that's correct?

A. That is correct.

- Q. But in earlier evidence to Mr Rice, is it the case that that might not have been completed you might have finished that on another day, but you entered some parts of it into the "Concise Description" at the airport?
- A. Yes, that is correct, there's sections that I would have entered and then updated after receiving the form 1A.

- Q. So rather than swapping between documents, we might just stick with this one, then. In terms of the concise description, the aim of that part of the form is to provide an overview in relation to the HPI that you've received; that's correct?
- A. That is correct.

That is correct.

Q. And there's a limitation, isn't there, in terms of the amount that you can type within that part of the form?

A. Yes, there's a technical limitation of Lotus Notes.

It's 72 words for "Concise Description".

Q. Then there is a further heading where you can detail further information, and that's what's called the "Other details" that appears beneath there; that's correct?

A. That is correct.

 Q. If one does a comparison between the form 1A and the other details that you have included, it's evident, isn't it, that it's what comes from the form 1A that you have included under the "Other details"?

Α.

- Q. And is that because there's a consistency between the form 1A and what you're informed verbally?
- A. That is correct. We always check for consistency between verbal notifications and any notes that we make, as well as the form 1A, so we're looking for that the information is concise and correct.

Q. Have you ever had an occasion where the form 1A wasn't consistent with what you'd been informed verbally?

A. Not that I can recall, no.

Q. If we go down further and on to what I say is on the

top of page 2, but in effect when you look at this on the 1 2 screen, it all comes up on the one screen, doesn't it? 3 It's just when you print it out, it's now come out as two 4 pages. 5 Yes, there's drop-down tabs that you go from one Α. screen to another, but, yes, that's correct. 6 7 Do you see on the top of page 2 there's a heading 8 9 "Actions Taken By Mine/Operator"? Yes, I can see that. 10 11 And a subheading of "Instructions or advice given to 12 Q. Mine/Operation". You've typed in there; that's correct? 13 You're the one that entered those two fields? 14 Yes, that is correct. 15 16 And then you've actually detailed that when you were 17 Q. notified of the exceedance, the underground mine manager 18 indicated that it was a roof fall as the cause for the 19 20 exceedance? 21 Α. Yes. 22 23 Q. And then you questioned the shearer position? That is correct. 24 Α. 25 In terms of when that questioning happened of the 26 underground mine manager, was that in the initial verbal 27 notification that you had that discussion with the 28 29 underground mine manager? Α. That is correct. We had that discussion verbally. 30 31 And then you've recorded it into Lotus Notes? 32 Q. 33 Α. That's correct, albeit very brief, but that is 34 correct. 35 36 Q. Then the next sentence that appears there is: 37 After receiving the Form 1A from another 38 Inspector I am requesting further 39 information on the exceedance. 40 41 That is correct. 42 Α. 43 It is probably obvious given the wording, but you 44 didn't enter that until after you had received the form 1A; 45 46 that is correct? That is correct. I've updated - I've populated some 47

1 2	•	of the incident notification on the Friday and I've eted the rest of it on the Saturday.
3 4 5	Inspe	Because you received, didn't you, the form 1A from ctor Brennan just after 3 o'clock on the Friday;
6 7 8		s correct? That is correct.
9	morni	And you then reviewed it again on the Saturday ng; that's correct?
11 12 13		That is correct, yes.
14 15		And then you I reviewed it the first time Saturday morning, sorry.
16 17 18 19	from	And then you requested information on the exceedance the underground mine manager; that's correct? That is correct.
20 21 22 23 24	sente	And you've recorded that there in Lotus Notes in the nce that we've just detailed? That is correct, and the emails are attached to Lotus as well.
25 26 27 28 29 30 31	Mr Ric all up that be emails	That was another question I was going to ask you. ce took you to a number of emails. He didn't put them p on the screen, but if someone was going to look into HPI via Lotus Notes, they'd be able to access those s as well, wouldn't they? Yes, that is correct.
32 33	Q. / Notes	And that's by just clicking on a drop-down on Lotus?
34 35	notif	It is the final drop-down box in the incident ication, and all the emails - they look exactly what
36 37 38 39	email	would look like in your in-box. They look like an , and you just click them and open them up and, yes, ll be the exact same email that would be in my in-box.
40 41 42	to the	I'm going to take you now to the email that you sent e underground mine manager at 8.19am on the Saturday. erator, if we could bring up RSH.002.059.0001.
43 44 45	alrea	ctor Brown, by the time you sent that email, you had dy received the form 1A in relation to the exceedance had been reported to you: that's correct?

That is correct.

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Α.

- Q. You were asked some questions by Mr Rice as to why you looked at your exceedance individually, if you like, rather than as a group of three, that being the two that were reported to Inspector Brennan and the one that was reported to yourself. Why was it important for you to look at your exceedance individually, rather than collectively at that point in time?
  - A. To start with, this is the notification that I received. I did not receive and wasn't party to all the conversations that Inspector Brennan had taken when he received his notifications. My duty was to review this information. My choice to request the information that overlapped in terms of Inspector Brennan's was to see if there was any information that would come to light that would show any similarities between the exceedances. So I did not want to read the form 1As directly from Mr Brennan until I'd had a chance to look at the data itself.
  - Q. Did the data, once you received it on the Sunday, reveal those previous exceedances that were reported to Inspector Brennan?
  - A. Yes, they did, the screenshots, the 12-hour screenshot did reveal that data.
  - Whilst there may have been some similarities, did you also note a difference between the exceedance that was reported to you and those reported to Inspector Brennan? Yes. There was a difference between the peak of my My exceedance peak was much higher. exceedance. previous two exceedances - the first exceedance, the peak was not as high as the second exceedance. The barometer was on the rise as well, and the shearer position was not exactly the same in all three exceedances. So there were some differences there, and that's what I was exploring, as to why there were some obvious changes with each exceedance.
  - Q. The underground mine manager responded to your request of 21 March on the Sunday; that's already been established. A. Correct.
- Q. But you obviously still had some queries, some questions; that's correct?
- 45 A. Yes, that is correct, yes.

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47 Q. In relation to what then occurred, you had the Monday

morning meeting, and that occurs, apart from public 1 holidays, weekly on a Monday; that's correct? 2 3 Α. That is correct. 4 5 Mr Operator, if we can bring up RSH.002.182.0001. we can go to the second page, you were asked in relation to 6 7 whether it was just your exceedance or perhaps all three that were discussed at that Monday morning meeting. 8 9 That is correct. Α. 10 11 Does that assist you in terms of the fact that the minutes record that the three gas exceedances were 12 detailed, at least in terms of what's recorded in those 13 14 minutes there? 15 The minutes have grouped them. It's not necessarily that we have reviewed - either Inspector Brennan has 16 reviewed mine and I have reviewed his. 17 It's just how the meeting minutes are recorded that they are grouped there, 18 and it is a very brief explanation of the exceedances, but 19 it is consistent with what actually occurred with the 20 21 exceedances. 22 23 Q. Inspector Dobson asked you, didn't he, what follow-up had been conducted in relation to the exceedance? 24 That is correct. 25 Α. 26 You then provided Inspector Dobson with copies of the 27 email exchange between yourself and the underground mine 28 29 manager; that's correct? That is correct. Α. 30 31 You also had a conversation with the underground mine 32 Q. 33 manager on that Monday morning; that's correct? That is correct. Α. 34 35 In fact, you had two conversations, didn't you? There 36 was one on the telephone that you've recalled to Mr Rice, 37 and there was another brief one --38 Α. Correct. 39 40 41 -- in a hallway because the underground mine manager 42 was going to see Inspector Brennan? That is correct. 43 Α. 44 As a result of those conversations, that then prompted 45 Q.

you to send the email to the SSE; that's correct?

Correct. Yes, that is correct.

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1 2 If, Mr Operator, we can bring up RSH.002.060.0001. Q. 3 You can see there that we're still on Monday morning, at 9.56am, that you sent that email? Yes, correct. 5 6 7 Was your purpose for doing that to set out the conversation that you'd had with the underground mine 8 manager and an issue that still remained of concern to you? 9 10 That is correct. 11 Mr Wynn then responded to your email the following 12 Q. day; that's correct? 13 That is correct. 14 Α. 15 Mr Operator, if we can bring up BPA.001.001.0005. 16 Q. SSE forwarded on to you communication that he'd had with 17 his ventilation officer and also the ventilation advice; 18 that's correct? 19 20 Α. That is correct. 21 You considered that response sufficient to alleviate 22 Q. 23 the concern that you had raised in your email to the SSE? That is correct. 24 Α. 25 As Mr Rice has already detailed with you, subsequently 26 you received the form 5A; that's correct? 27 That is correct. 28 Α. 29 Q. And you reviewed it to make --30 T --31 Α. 32 33 Q. Sorry? I was just going to say, I received notification that 34 the form 5A had been entered into the system, and then 35 I reviewed it after receiving that notification from our 36 admin staff. 37 38 And you were satisfied that the action that had been 39 taken by the mine was as they had detailed previously to 40 vou: that's correct? 41 42 The form 5A was listed with all the other documentation. It's attached to the form 1A. 43 44 45 Just to clarify one final point in relation to the 46 sequence, you received the form 1A because it was forwarded on by Inspector Brennan on the Friday afternoon; that's 47

1 correct? 2 Correct. Yes, correct. 3 4 Ω. And then on the Monday morning, you received it again 5 via the mine; that's correct? That is correct. 6 7 It was only that form 1A, though, in relation to your 8 exceedance, that you received from the mine, wasn't it? 9 That is correct, that's all they had to send to me. 10 11 But nonetheless you reviewed all the form 1As - when 12 Q. I say "all", I mean all three - on that Monday? 13 On the Monday, I also read the form 1As for the other 14 two exceedances, after I had also requested further 15 information and then the other exchanges had occurred 16 17 between myself and the SSE, Mr Wynn. 18 If I can move on to a different topic now, you were 19 asked some questions in relation to identifying trends in 20 If you are going out to conduct an inspection at 21 a mine, there's an inspection planning procedure, isn't 22 23 there, that you have to follow? 24 Yes, there is, that's correct. 25 And is one of the tasks that you have to perform prior 26 to the inspection to review recent HPIs that have occurred 27 at that mine? 28 29 That is correct, that's one of the tasks that we have to do. 30 31 32 Q. In order to do that, do you access Lotus Notes? 33 Α. Yes, that is correct. 34 35 And you can put in the name of the mine and also a date range, and it will bring up the HPIs for that 36 particular mine over that particular period? 37 That is correct. Yes, that is correct. 38 39 And is that, as a matter of practice, what you do 40 prior to going to a mine to conduct an inspection? 41 42 Α. That is correct. 43 So in relation to gas exceedances at a mine, in terms 44 of the review of the HPIs, what would you look at in terms 45 46 of information via Lotus Notes? 47 If there was a trend of HPIs involving gas exceedances Α.

that I discover from running that report, there's a hyperlink attached to that report that is printed, also that is transferred into Excel, and I can click on the hyperlinks and then view each of the form 1As and have a look at other data that has been attached to that form 1A and see if there's any correlation between - you have to actually have a look to see if they are related or if there is specific contributing factors or root causes for each one. So it takes - it can be quite time consuming going through, looking, but that's the only way you can do it, is actually look at each individual exceedance.

- Q. And you do that as a matter of course?
- A. If there is a trend there, yes, but that applies to any HPIs. If there's a trend there for a particular HPI that is reoccurring, we would follow the same process.

Q. Just looking at that word "trend" for a moment, in terms of a trend, there might be a trend because of a cluster in terms of date - that would be a trend?

A. That is correct.

Q. But, nonetheless, when you look at the form 1As, what might have appeared to be a trend might in fact not be?

A. That is correct. It can reflect good reporting as well.

Α.

Q. But also, I suppose - and using these three exceedances that happened on 20 March 2020 - there were some similarities between them, obviously, in terms of the fact that they all occurred on the same day and it was the same sensor - that's correct?

Q. But when you looked at them, as you did, in more detail, there were also differences, weren't there?

A. There were differences. There were activities occurring surrounding adjusting ventilation controls, and that was my principal concern, which is why I engaged further with the UMM and also the SSE.

Q. Inspector Brown, you obviously conduct inspections as one of the functions of being an inspector?

A. That's correct.

That is correct, yes.

Q. When you conduct those inspections, do you speak with coal mine workers?

A. Yes, I do.

 Q. How do you determine whether you should include management in those discussions?

A. Often it is essential to include management in those discussions, because our principal objective of inspections is looking at how they are controlling principal hazards and other hazards - when I'm talking about hazards, it might be just extending a range of pipes or something like that, but we look at all the facets of the hazards that they're controlling. More often than not, the persons that are accompanying us on the inspection are the risk owners, so it's essential that they get feedback directly on how well the risk management process is working at the particular job that we're doing a task observation on.

 Q. Why might you determine that it's appropriate to speak to a coal mine worker in the absence of management?

A. That's a case-by-case situation. There may be trends that you identify in the HPI data and that is linked to that specific job, and you may want to get some direct feedback from the coal mine workers that were engaged in the task as to how well and how effective those controls are.

Now, it can be quite difficult for coal mine workers engaging face to face with inspectors. Some have no problems with it at all, and some get very nervous. Now, it doesn't make the situation even easier still if the mine manager or if the technical services manager or another member of senior staff is standing right beside me, so at that point in time I would ask the person that is with me on the inspection to give me a bit of time with the coal mine worker, which they always do, and I would have a discussion on my own and try to settle their nerves a bit and then engage them about their task.

Q. When you're planning an inspection and you have to make the decision as to whether it's going to be an announced inspection or an unannounced inspection, why is it that you make the decision for it to be an announced inspection, on occasions? I'm not saying all the time. Why would you make that decision for it to be an announced inspection?

A. Well, it's normally for a specific purpose, so we'll be looking at specific principal hazards and processes, meaning longwall development, outbye, or service gas range.

The other reason we would give advance notice - and it could be anywhere between 1 and 7 days and sometimes a little bit longer - we give them that notice so that we can request documents in advance, and by "documents" I mean safety health management system documents. We review those documents to prepare questions about the documents, and then we look at which people that we will need access to, and I'm talking about people at all levels - coal mine workers, middle management, senior management, and, in particular, the SSHR, and the more notice that we can give the mine, the more likely they are able to provide an opportunity to conduct an inspection with the SSHR or at least meet with the SSHR if they've got a very busy day on.

The main advantage by conducting a planned, announced inspection is to maximise the impact of the inspection and maximise the coverage of the inspection that you are doing and areas that you will cover.

- Q. Do I take it from that that if you hadn't previously requested the documents, for example, the bulk of your inspection would be taken up with reading those documents rather than inspecting the mine?
- 24 A. Yes, that is correct.

Q. Do I take it that you're alive to the fact, and it would come as no surprise, that the mine would clean up as much as it could prior to an inspection being conducted?

A. Yes, I am aware that it can occur, and sometimes there is evidence that that does occur, and sometimes there's evidence it doesn't occur.

 Q. Do you confirm whether or not there has been a clean-up on previous occasions, for example, by then conducting an unannounced inspection?

An unannounced inspection is good in that respect, that you can actually do a comparison of what is the norm. So I'm saying that you'll review - when you go for your own inspection, and conducting inspections at that site, you'll read other MREs and from that, when conducting an unannounced inspection, you'll be able to form a view if what you're viewing is the normal activities at the mine, meaning standards at the mine, and you can basically draw from that whether or not there is significant clean-up work Unannounced inspections are also done being done or not. for reasons that may be related to an ongoing complaint, it may be trends in the HPIs that we've already mentioned, or 

it's simply done on a random basis. We do have KPIs for the unannounced inspections. However, there is a specific purpose for doing an unannounced inspection as well. So whether there's a KPI or not, they have a specific role.

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- When you're conducting an announced inspection and say it has a specific purpose of considering an aspect of the safety and health management system, you're not precluded, though, are you, from going and conducting an inspection of the mine in another part where you haven't said you were going to go in advance to the mine?
- No, that is correct. We can inspect any areas of the mine, whether it's - in an underground mine, it's surface and underground. Open-cut is the same. The only limitation is there may be some areas that are not open, and, as part of that, we'll be conducting the inspection, a statutory official can actually open up the area.

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The point that I was trying to make with you is that even though it might be an announced inspection in terms of a particular aspect, nonetheless you might take the opportunity to look at other areas that you haven't given notice of to the mine? That is correct.

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Α.

- Inspector Brown, you've been an inspector, as we've detailed, for almost five years. In terms of the relationship that you have with the ISHRs, how would you describe that relationship?
- I have a good professional relationship with the ISHRs.

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- Is there one in particular that you have a stronger relationship with?
- Most of my dealings with the ISHRs have mainly been with Inspector Woods, who is based in Mackay.

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- In terms of the period since November 2019, has there, in your view, been any deterioration of the relationship with the ISHRs?
- No, not that I'm aware of, no.

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MS HOLLIDAY: Thank you. No further questions. 43

44 45

THE CHAIRPERSON: Mr Rice?

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47 MR RICE: No, thank you.

1	THE CHAIDDEDSON: Mr Cloudh?
2 3	THE CHAIRPERSON: Mr Clough?
4 5	MR CLOUGH: No questions from me, thank you.
6	THE CHAIRPERSON: Q. Mr Brown, just before you go, on
7 8	the Friday, 20 March, and then the few days that followed, were you on duty, normal duty, those days?
9	A. On the Friday, I was. The Saturday and the Sunday,
10	I was on days off.
11	
12	Q. And back on work day on Monday?
13	A. That is correct.
14	O Finally can you are a surpose how often during
15 16	Q. Finally, can you say on average how often during
17	<ul><li>a year a coal mine would be inspected by the inspectorate?</li><li>A. We do have an inspection schedule. They vary for each</li></ul>
18	mine. I would be hard to place a particular number,
19	because the risk profile's different for each of the mines.
20	Some mines get more inspections than others simply by risk
21	profile.
22	
23	Q. Could you give a maximum and a minimum?
24	A. Oh, okay. For an open-cut, the minimum, two
25	inspections; the maximum, six inspections, and that can be
26	more. An underground mine - and I'm only talking about my
27	discipline as well. I can't talk for mechanical,
28 29	electrical and hygiene, because there's other areas that do
30	inspections. For mining inspections, for an underground mine, minimum, six inspections; maximum, up to a dozen.
31	But, again, it really depends on the risk profile of the
32	mine.
33	
34	THE CHAIRPERSON: All right, thank you. Can Mr Brown be
35	excused?
36	
37	MR RICE: Yes, he can, Mr Martin.
38	THE CHATRREDON M. R
39	THE CHAIRPERSON: Mr Brown, thank you for your evidence.
40	You are excused.
41 42	<the td="" withdrew<="" witness=""></the>
42	ZIHE MIIMEOO MIIHDIYEM
44	MR RICE: I call Inspector Mark Lydon, who in fact is here
45	in person.
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1 2	<mark lydon,="" sworn:<="" th="" walter=""><th>[11.06am]</th></mark>	[11.06am]
3 4	<examination by="" mr="" rice:<="" th=""><th></th></examination>	
5 6 7	MR RICE: Q. Is your name Mark Walter Lydo A. That's correct.	n?
8 9	Q. You're an inspector of mines attached to region; correct?	the northern
10 11	A. That's correct, sir.	
12 13 14	<ul><li>Q. And your particular specialty is the ele discipline?</li><li>A. Yes.</li></ul>	ctrical
15 16 17 18	Q. You've prepared a statutory declaration, setting out some details of your connection we earlier this year?	
19 20 21	<ul><li>A. I have.</li><li>Q. Could Mr Lydon see his declaration, plea</li></ul>	50
22 23 24 25	Mr Operator, it's document LMA.001.001.0001. of your declaration?  A. That is a copy, yes.	
26 27 28 29	Q. Mr Brown has given us a lot of informati light of that there's only a few things I wan Okay?  A. Yes.	
30 31 32 33	Q. You were involved in receiving informati HPI that occurred on 11 April this year? A. That's correct.	on about an
34 35 36 37	Q. And you actually received the verbal not about that from Mr McNally the next morning? A. That's correct, yes.	ification
38 39 40 41	Q. Because it concerned an incident at the production, which is outside your specialty, engage with Mr Smith about the incident?	•
42 43 44 45	A. Yes. I engaged with Mr Smith in regard exceedance and, yes, it's outside my discipli electrical, so I took guidance in regard to t notification from Mr Smith, yes.	ne, which is
46 47	Q. So you had a conversation with Mr Smith	about the

information you'd got from Mr McNally? 1 2 Yes, I did. Α. 3 And that prompted you to send an email to Mr McNally 4 Q. asking for some information? 5 Mr Smith asked for the trends on certain sensors 6 7 in the longwall installation, yes. 8 9 And you received information, not long after, that same morning? 10 That's correct. 11 Α. 12 And then later that day, you got another email from 13 14 Mr McNally attaching the form 1A? That's correct. 15 16 17 Q. Tell me, so far as those events that occurred on the day of the notification, being your dialogue with 18 Mr McNally, your conversation with Mr Smith and your review 19 of the form 1A, were you aware at that stage that there had 20 been a recent history of HPIs involving methane exceedances 21 at Grasstree? 22 23 Α. I wouldn't say I had a very high awareness of the HPIs at Grasstree in regard to the number. I do know there had 24 been discussions in previous meetings, as Inspector Brown 25 indicated, where we have our Monday morning briefings. 26 27 28 You were involved, I think, in reviewing the form 1A Q. 29 the next day. You had received it I think by email at about 7.52 the previous evening? 30 31 Α. That's right, yes. 32 33 Q. And then come I think it was Monday --Α. Monday. 34 35 36 Q. -- you did the review? Yes. 37 Α. 38 You say you had some awareness there had been recent 39 Did that awareness prompt you to undertake any 40 review of previous circumstances? 41 42 Not on the Monday. The Monday was a public holiday. It was over the Easter period. So I lodged it into Lotus 43 Notes and put the relevant information that had been put 44 through from the mine ready for discussion on the Tuesday 45

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because of the public holiday on the Monday, yes.

- 1 Q. You made your entries into Lotus Notes on the Monday?
  - A. I started my entries on Monday, yes.

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- Q. What I was asking you was whether, by that time, you had any information that prompted you to go back and review the HPI history?
- A. Not at that point in time, no. That's where I was relying on guidance from Inspector Smith with the trends that got sent through, ready for discussion on Tuesday morning for any further action.

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- Q. Was that at the weekly meeting or after the weekly meeting?
  - A. After the Tuesday morning meeting, yes.

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- Q. You had a discussion with Mr Smith about information that you had about the location of the sensor?
- A. That's correct.

18 19 20

- Q. And he was interested in that, I gather?
- A. He was interested, yes.

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Q. You would be aware, I think, that within a couple of days he actually suspended Grasstree by virtue of the location of the sensor at which this HPI had occurred?

A. Yes, I am aware that he issued a directive in regard

to the sensor not being in compliance with the legislation.

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Q. Apart from the dialogue you had with Mr Smith concerning that issue of location of the sensor, did you see any reason to go back and review any HPI history for

32 Grasstree? 33 A. No, ii 34 electrical

A. No, in the sense of - because my discipline is electrical, and looking at the actions they had undertaken in regard to ventilation, I do have an understanding on gas management, not to the extent of Inspector Brown and the mining people, but I do have an understanding to make some determination, yes. So with the ventilation, in regard to the Sherwood curtain and what they've done and the trends that were put forward, I didn't see any relevance to go back and look.

41 42 43

- Q. Do we understand that given that they were all gas exceedances, you may not have been the best person to undertake such a review, in any event?
- A. That's correct. That's why I took guidance from Inspector Smith.

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1
              Is that at least one reason why you didn't go back to
 2
         Q.
 3
         review what in fact were seven other exceedances --
 4
 5
              -- with some overlapping causes?
 6
         Q.
 7
         Α.
              That's right, yes.
 8
 9
              Likewise we've heard from Mr Brown, so far as the
         Q.
         form 5A is concerned, that in the ordinary course it would
10
         come to you for review?
11
              Yes.
                    The 5A did come to me for review, because when
12
         we enter into Lotus Notes, if the individual is not changed
13
         to the discipline, then it will automatically come to the
14
         inspector that's taken the notification, yes.
15
16
17
              Is it correct that at that point, having received that
         information, there was no action undertaken by you to
18
         review Grasstree's recent history, including seven other
19
         incidents?
20
              That's correct.
21
         Α.
22
23
         MR RICE:
                    Thanks, Mr Lydon.
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         THE CHAIRPERSON:
                             Mr Holt?
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                    No questions, thank you, Mr Martin.
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         MR HOLT:
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         THE CHAIRPERSON:
                             Mr Roney?
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         MR RONEY:
                     No questions.
32
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         THE CHAIRPERSON:
                             Mr Anderson?
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         MR ANDERSON:
                        No auestions.
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         THE CHAIRPERSON:
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                             Ms Holliday?
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         MS HOLLIDAY:
                         I have no questions.
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41
         THE CHAIRPERSON:
                             Mr Clough?
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         MR CLOUGH:
                      No questions, thank you.
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                             Mr Lydon, thank you for your attendance
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         THE CHAIRPERSON:
46
         today. You are excused.
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1	<the th="" withdrew<="" witness=""></the>
2 3 4 5 6 7	MR RICE: Mr Martin, there is a tender list of documents arising from yesterday's evidence. The list has been circulated, and I tender the list and the documents referred to on it. It's marked with the letter E.
8 9 10	THE CHAIRPERSON: Thank you. That tender list will be admitted into evidence.
11 12 13 14	MR RICE: Mr Martin, those are the witnesses scheduled for this morning. Could I suggest adjourning until 10.30 tomorrow.
15 16 17	THE CHAIRPERSON: Yes, very well. Thank you. We will adjourn until 10.30 tomorrow.
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	AT 11.15AM THE BOARD OF INQUIRY WAS ADJOURNED UNTIL THURSDAY, 13 AUGUST 2020 AT 10.30AM
41 42 43 44	
45 46	

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