

OPUS 2

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London Bridge Inquests

Day 2

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1 Wednesday, 8 May 2019
 2 (10.00 am)
 3 MR HOUGH: Sir, we are continuing with the evidence of
 4 Detective Superintendent Riggs, if she could perhaps
 5 return to the witness box.
 6 DETECTIVE SUPERINTENDENT REBECCA RIGGS (continued)
 7 Questions by MR HOUGH QC (continued)
 8 MR HOUGH: Detective Superintendent, we had reached a point
 9 in the sequence of events which you were describing
 10 where the attackers had just left Green Dragon Court,
 11 the area below street level, and emerged on to Borough
 12 High Street. Do you recall?
 13 A Yes I do.
 14 Q May we please bring a plan on screen, {DC7283/52}. We
 15 saw this plan yesterday. Can we see, by following the
 16 red line we saw yesterday, that the attackers continued
 17 south on Borough High Street from the stone steps.
 18 A Yes, sir. That's correct.
 19 Q Can we now bring up some photographs please
 20 {DC7283/106}. We see there the stretch of road down
 21 which they went, the pavement on the right.
 22 A Yes. That's correct.
 23 Q If we recall there, an alleyway on the right just before
 24 one gets to Lobos restaurant.
 25 A Yes. That's right.

1

1 Q And then the next page, please, {DC7283/107}, there is
 2 a slightly further back view showing the same route
 3 which went initially under a railway bridge.
 4 A That's correct.
 5 Q Looking at page 14 of your report for the sequence of
 6 events, as they went along that route from the top of
 7 the stone steps, did they encounter a number of
 8 pedestrians whom they attacked?
 9 A Yes. There were a number of people that were attacked
 10 in that zone.
 11 Q Who were the first of those?
 12 A That was Plamen Raychev.
 13 Q Where was he attacked?
 14 A It was just as they had gone back up to the stone steps
 15 on to Borough High Street.
 16 Q As they continued down the road, did they encounter
 17 others whom they attacked?
 18 A Yes, they did. That was Oliver Dowling and
 19 Marie Bondeville.
 20 Q Where were they attacked?
 21 A They were just at the alleyway, just beyond Lobos
 22 restaurant.
 23 Q Is that the alleyway we saw in the photograph a moment
 24 ago?
 25 A Yes, that's correct.

2

1 Q Did the attack continue for a few moments including as
 2 Marie went down to the ground?
 3 A Yes, that's correct. Even when she was on the ground
 4 they continued to attack her.
 5 Q At this point did some police officers intervene?
 6 A Yes. PC Wayne Marques and an off duty officer,
 7 PC Charlie Guenigault.
 8 Q I think you are able to give precise times for their
 9 interventions?
 10 A Yes. 22.09.11 and 22.09.14.
 11 Q We will, I think, see some footage of those officers
 12 from cameras across the road?
 13 A Yes, that's correct.
 14 Q May I now ask you, because it comes next in the sequence
 15 of events, about the events concerning
 16 Ignacio Echeverria? You deal with the attack on him
 17 from page 53 of your report. Looking at the photograph
 18 we have on the screen, is it right that Ignacio, as we
 19 have heard, was a young man who had been skateboarding
 20 that day with friends and was cycling north on Borough
 21 High Street towards the viewer in this photograph?
 22 A Yes, that's correct.
 23 Q I think he was cycling with two friends in single file;
 24 is that right?
 25 A Yes, and he was the middle cyclist of the three.

3

1 Q Thank you. Did the three friends approach a point near
 2 the railway viaduct we see in the photograph?
 3 A Yes, they did.
 4 Q And in the area just where we see the red bus, not the
 5 one on the right but the one in the middle of the
 6 photograph, did he reach a point where he stopped?
 7 A Yes, he did.
 8 Q Was that near to a shop called the Borough Kitchen Cook
 9 Shop?
 10 A That's correct.
 11 Q What caused him to stop?
 12 A Richard Livett, who was the first victim that was
 13 stabbed where the van crashed, had made his way along
 14 Borough High Street and was in the vicinity calling for
 15 help.
 16 Q I think at paragraph 12.7 of your report you are able to
 17 give a precise time of him stopping.
 18 A Yes. 22.08.27.
 19 Q So this was just before PCs Marques and Guenigault were
 20 intervening, north of where he was, to prevent the
 21 attack on Oliver and Marie?
 22 A Yes, that's correct.
 23 Q May we show a plan with some inset images on screen
 24 please {DC7283/74}. Now, if we look at this plan, can
 25 we see marked at point 1 the location where Ignacio

4

1 stopped his bicycle?
 2 A Yes. That's correct.
 3 Q And if we look at the top right-hand image, can we see
 4 a still from across -- from a camera across the road
 5 with Ignacio shown on it circled in red?
 6 A Yes. That's right.
 7 Q So as PCs Marques and Guenigault went to intervene to
 8 prevent the attack on Marie Bondeville and
 9 Oliver Dowling, what did Ignacio do?
 10 A Ignacio got off his bike and ran towards where the
 11 attackers were to assist the two officers .
 12 Q I think that you have a time for when Ignacio got off
 13 his bike. Paragraph 12.9.
 14 A Yes. It was 22.09.13.
 15 Q Is it right to say that a couple of seconds later he
 16 passed Lobos restaurant where there was a CCTV camera
 17 which showed him passing?
 18 A Yes, that's correct, and that's the picture that's up on
 19 the screen there.
 20 Q Shortly after that, did Ignacio actually intervene in
 21 the attack?
 22 A Yes, he did. He had taken his skateboard from his
 23 rucksack and swung at the attackers and managed to hit
 24 Redouane.
 25 Q What did Redouane do in reaction?

5

1 A Redouane retaliated, causing him to fall on the ground,
 2 as in Ignacio.
 3 Q What then happened to Ignacio?
 4 A The attackers then set upon him on the ground.
 5 Q Are you able to identify particular attackers who were
 6 involved in the attack from the CCTV footage?
 7 A Yes, that was Redouane and Zaghba.
 8 Q As with all the attacks, was this a brief but furious
 9 assault?
 10 A Yes, it was.
 11 Q Having stabbed Ignacio a number of times, did the
 12 attackers then continue on their way, going south down
 13 Borough High Street?
 14 A Yes, they did.
 15 Q Based on the footage, did Ignacio continue moving after
 16 they had moved on?
 17 A Yes. CCTV shows him moving for 28 seconds and then lie
 18 still .
 19 Q So moving on the ground for that period of time before
 20 lying still ?
 21 A Yes, that's correct.
 22 Q Did a police officer reach Ignacio very shortly after
 23 the attack to begin first aid?
 24 A Yes, there was a British Transport Police officer ,
 25 Detective Sergeant Andrew Hickling who was in plain

6

1 clothes. He got to Ignacio at 22.10.29.
 2 Q So within a minute of the attack?
 3 A That's correct.
 4 Q Did he begin first aid which was assisted later by
 5 others?
 6 A Yes, he did.
 7 Q Looking at paragraph 12.14, how was Ignacio's condition
 8 when those officers began working on him?
 9 A Their description is that he was unresponsive, his mouth
 10 and eyes were half open and he had very shallow
 11 breathing and a weak pulse.
 12 Q Did a time come after a short while that Ignacio was
 13 moved across the road?
 14 A Yes, sir , that's correct.
 15 Q When was that? This is paragraph 12 --
 16 A It was 22.34.45.
 17 Q He was moved, I think, to a point on the east pavement
 18 of London Bridge next to a parked ambulance?
 19 A Yes, sir . That's correct.
 20 Q Can we see that place marked with a "03" on the plan?
 21 A Yes, that's correct.
 22 Q Is this another example of one of the injured being
 23 taken to a position of safety during what was thought to
 24 be a continuing attack?
 25 A Yes, that's correct.

7

1 Q When was Ignacio recognised to be dead in formal terms
 2 that evening? This is paragraph 12.19.
 3 A Thank you. It was formally recognised at 00:40 hours on
 4 4 June.
 5 Q What was the conclusion of the postmortem examination
 6 about Ignacio's cause of death?
 7 A The conclusion was a stab wound to the back.
 8 Q Now, as we have heard, Ignacio suffered his fatal
 9 injuries at about 22.09.30 --
 10 A Yes.
 11 Q -- to 22:10. So as you have said, he was the last
 12 person who suffered fatal injuries in the attack, and
 13 that was just a few minutes after the van had first
 14 mounted the pavement?
 15 A Yes, that's correct.
 16 Q May we now continue with the sequence of events as the
 17 attackers moved from there? If we can bring up on
 18 screen a plan, {MP0004/1}. Now, to get our bearings, we
 19 see the crashed van at the north east of this plan with
 20 Boro Bistro marked there, and then further to the south
 21 Lobos restaurant near where Ignacio was attacked?
 22 A That's correct.
 23 Q Did the attackers then continue south past the junction
 24 with Bedale Street and then a restaurant we see marked
 25 as Padella?

8

1 A Yes, that's correct.
 2 Q From there did they turn into Stoney Street, which we
 3 see at the southwest end of the map, a street which
 4 Borough -- which borders the covered market of Borough
 5 Market on the west side?
 6 A Yes, sir, that's right.
 7 Q We can see a laser scan image of this at {MP0005/1}.
 8 Now, this is an overhead view. We can see the railway
 9 bridge cutting across the image in the middle, and if we
 10 follow with our eyes the two red buses and the street
 11 going southwest past the black awning of Padella
 12 restaurant, and then do we see the turn into Stoney
 13 Street marked by some orange awnings of a restaurant we
 14 will hear was called Tapas Brindisa?
 15 A Yes, sir, that's right.
 16 Q Now, to take the sequence of events forward, could you
 17 please look at page 14 of your report, paragraphs 2.47
 18 onwards? We have seen from the plan that just south of
 19 Lobos the attackers would have reached Bedale Street.
 20 Did they encounter more pedestrians there?
 21 A Yes, sir, they did. They stabbed Andrew Morrison and
 22 Robert and Joyce Piersant.
 23 Q Those people, I think, were all injured but all
 24 survived.
 25 A Yes, they did.

9

1 Q At what time did the attackers led, I think, at that
 2 stage, by Redouane, reach the corner of Stoney Street
 3 where we see those orange awnings?
 4 A That was at 22.10.36.
 5 Q I think just before that corner, Borough High Street had
 6 forked off into Southwark Street; is that right?
 7 A Yes, that's correct, sir.
 8 Q So strictly that is the junction of Southwark Street and
 9 Stoney Street.
 10 A Yes, that's right.
 11 Q And there, below the orange awnings of Tapas Brindisa,
 12 did they attack another pedestrian?
 13 A Yes. There was a gentleman sat at the restaurant there.
 14 That was Brett Freeman. He was stabbed multiple times.
 15 Q Initially by Redouane?
 16 A Yes. That's correct.
 17 Q Did the attackers then quickly turn their attention to
 18 somebody else across the road?
 19 A Yes. Daniel O'Neill was stood outside the
 20 Southwark Tavern and they ran across the road and
 21 stabbed him also.
 22 Q Is the Southwark Tavern the building immediately
 23 opposite with green awnings outside?
 24 A Yes, that's correct.
 25 Q If we can return, please, to our plan at {MP0004/1}, we

10

1 can see here a number of locations marked on
 2 Stoney Street. Did the attackers go up Stoney Street
 3 northwest with Borough Market, the covered market, on
 4 their right?
 5 A Yes, they did.
 6 Q Were members of the public there who were fleeing ahead
 7 of them?
 8 A Yes, there were.
 9 Q If we can bring up a photograph, a CCTV still of the
 10 scene at this moment {DC7181/257} This, I think, is
 11 a view looking south down Stoney Street with the
 12 attackers moving up it on that occasion.
 13 A Yes. That's right.
 14 Q If we look at the screen, can we see Butt over to the
 15 left in red top and camouflage trousers?
 16 A Yes, that's correct.
 17 Q Zaghba in the middle in black clothing?
 18 A Yes, that's correct.
 19 Q And Redouane on the right in a striped top?
 20 A Yes, that's right.
 21 Q Can we now go to plan {DC7283/75}. Now, as the
 22 attackers reached the Wheatsheaf pub on the left of that
 23 street which we see on the plan, did they encounter more
 24 people there?
 25 A Yes, they did. There was two employees from the

11

1 Wheatsheaf stood outside.
 2 Q Were they attacked?
 3 A They were. That was Gavin Stacey and Sashan Flanders.
 4 Q What time was that?
 5 A Redouane stabbed Gavin at 22.11.23. Butt stabbed
 6 Sashan, the other victim.
 7 Q The next premises on the left was El Pastor. What
 8 happened there?
 9 A So Redouane entered El Pastor and he was closely
 10 followed by Butt and Zaghba. Isabella Barkett was sat
 11 just inside the restaurant and she was stabbed.
 12 Q Did other customers, however, manage to escape through
 13 the rear?
 14 A Yes. There was a number that managed to escape.
 15 Q After that short time in El Pastor, did the attackers
 16 continue up the road past the junction with Park Street?
 17 A Yes, sir, they did.
 18 Q As we can see from the plan, they reached a cafe on the
 19 left called Elliott's Cafe. What happened there?
 20 A So in that vicinity, Zaghba and Butt discarded their
 21 jackets.
 22 Q A couple of points about that. First of all, would that
 23 have made the suicide vests even more visible?
 24 A Yes, that's correct.
 25 Q Secondly, of course, there had been descriptions of --

12

1 or those seeing Butt up to this point would have
 2 recognised a man in a red top?
 3 A Yes, that's right.
 4 Q Did the descriptions of those people then cause a bit of
 5 confusion later in the evening about the possibility of
 6 a further attacker in a red top?
 7 A Yes, that's correct.
 8 Q What time have we reached now?
 9 A 22.12.24.
 10 Q As they reached Elliott's, what happened inside that
 11 building?
 12 A So Adam Harris and a staff member, Candice Hedge, were
 13 hiding under a table and they were stabbed.
 14 Q Meanwhile, I think it is around this time that some --
 15 that the first police officers had begun to arrive near
 16 the site of the crashed van in police vehicles.
 17 A Yes. That's right. So PC Clint Wallace arrived at the
 18 crashed site of the van.
 19 Q We will hear from him in due course. Immediately
 20 opposite Elliott's Cafe we see a restaurant called Black
 21 and Blue on the top left of the plan. Did the attackers
 22 move towards there?
 23 A Yes, they did.
 24 Q Had the staff locked the doors, which were sliding glass
 25 doors, to the entrance because of what was happening

13

1 outside?
 2 A Yes, they had.
 3 Q But what happened?
 4 A So Butt tried to push the doors open and Redouane kicked
 5 them twice which caused it to become free and loose at
 6 the bottom and allowed them access.
 7 Q Did the three attackers then enter Black and Blue?
 8 A Yes, they did.
 9 Q Now, is this right, Black and Blue consists of a bar
 10 area through which one enters, which we can see as the
 11 part of the building at the top left of the plan?
 12 A Yes, that's correct.
 13 Q And then a main dining area which you enter through the
 14 bar area?
 15 A Yes, that's right.
 16 Q Did the customers in the dining area almost all leave at
 17 this point through an exit from that area?
 18 A Yes. Most customers and staff managed to escape through
 19 that area.
 20 Q But as the attackers entered the bar area immediately
 21 through those sliding doors, did they attack a number of
 22 people?
 23 A Yes, they did.
 24 Q What happened first?
 25 A So Roy Larnar was sat just inside the entrance and he

14

1 was approached by Redouane and stabbed multiple times.
 2 Q I'm going to show an image of that which may be
 3 distressing to some, so I give that warning, but
 4 {DC7181/264}. Do we see at the bottom of the plan an
 5 image of that bar area, largely deserted, but the attack
 6 going on against Mr Larnar?
 7 A Yes. That's correct.
 8 Q We can take that off screen now. While Redouane,
 9 followed by Zaghba, were attacking Mr Larnar, did Butt
 10 confront other customers?
 11 A Yes, he did.
 12 Q Who were they?
 13 A So he confronted Geoffrey Ho who was also in that image
 14 that you have just shown, sir, in the top left-hand
 15 corner. He told him to lie down on the floor.
 16 Q And then what did he do?
 17 A He stabbed him in the throat.
 18 Q Meanwhile was Butt joined by the other attackers in an
 19 attack on another person in that area?
 20 A Yes, sir. Just behind Geoffrey Ho, hiding in the
 21 alcove, was a gentleman called Gavin Joseph and he was
 22 approached and he was also stabbed.
 23 Q After those once again brief but terrible attacks, did
 24 the three men move into the dining area of Black and
 25 Blue?

15

1 A Yes, they did.
 2 Q And from there out of the restaurant by another exit?
 3 A Yes, they did, and just before they did they grabbed
 4 some glass bottles. That's Redouane and Butt. Redouane
 5 threw his, but Butt kept hold of his.
 6 Q I think you have a time for them leaving Black and Blue
 7 at paragraph 2.60.
 8 A It was at 21.14.30.
 9 Q So is this right, they were in Black and Blue from just
 10 after 22:13 until that time of 22.14.30?
 11 A Yes, that's correct.
 12 Q From there, did the attackers go back down Stoney Street
 13 initially?
 14 A Yes, they did.
 15 Q And we can follow their route on a plan at {DC7283/76}.
 16 If we look up at Black and Blue, can we see an arrow, or
 17 a line marked with arrows, going down the east side of
 18 the street crossing Rochester Walk and going south down
 19 Stoney Street?
 20 A Yes, that's correct.
 21 Q The attackers reached, I think, a road into Borough
 22 Market, into the covered market, called Middle Road
 23 going off to the east.
 24 A Yes. That's right.
 25 Q What happened there?

16

1 A So the three attackers were then confronted by unarmed
2 police officers .
3 Q Who were they?
4 A That was PC Tchorzewski, PC Andrews, PC Balfour, PC Rae
5 and PC Conning. They were all Metropolitan Police
6 officers .
7 Q What was the time now?
8 A It was 22.15.23.
9 Q If we look at the images inset on the plan, can we see
10 in the top right image, a shot of the attackers moving
11 down Middle Road towards those officers?
12 A Yes, that's correct.
13 Q As they went down Middle Road to confront the officers ,
14 what happened?
15 A PC Tchorzewski heard them shout, "Allah Akhbar."
16 Q Did they do anything else?
17 A They charged the officers and Butt threw a bottle which
18 hit PC Tchorzewski.
19 Q And I think wounded him slightly?
20 A It did, yes.
21 Q Did the attackers, though, break off their charge and
22 return down Stoney Street?
23 A Yes, that's correct.
24 Q If we look back at the plan that we see on the screen,
25 can we see their route back down Middle Road again

17

1 marked in red and the red line showing them going south
2 down Stoney Street from there?
3 A Yes, sir, that's correct.
4 Q When they reached a point opposite the Wheatsheaf pub
5 towards the south end of Stoney Street, what did they
6 do?
7 A They came across another member of the public,
8 Antonio Filis .
9 Q Just before that, is it right that they crossed towards
10 the Wheatsheaf to try to force entry there?
11 A Yes, they did.
12 Q Were they successful in that?
13 A No. The staff there had locked the doors.
14 Q Meanwhile, was Mr Filis, a pedestrian, walking north on
15 the other side, the opposite side from the Wheatsheaf?
16 A Yes, that's correct.
17 Q What happened to him?
18 A Redouane ran across the road and attacked him.
19 Q Followed, I think, by the others?
20 A Yes, that's correct.
21 Q Do you have a time for their attack on him? I think
22 it's paragraph 2.63.
23 A 22.16.36.
24 Q If we bring up an image, please, of this, it's
25 {DC7181/281}. If we focus on the image, please. Is

18

1 this a view looking up Stoney Street from the south?
2 A Yes, that's correct.
3 Q And was it on the right-hand side of the road just near
4 where we see, "RR", and, "YZ", marked, that Mr Filis was
5 attacked?
6 A Yes. That's correct.
7 Q At this point, did the first armed police arrive on the
8 scene?
9 A Yes, it did, it was a City of London Police armed
10 response vehicle.
11 Q When did that arrive?
12 A It was 22.16.42.
13 Q Can we see in the image in front of us the armed
14 response vehicle having arrived, moving north up
15 Stoney Street?
16 A Yes, that's correct.
17 Q Were there three City of London Police officers all
18 armed in that vehicle?
19 A Yes, there were.
20 Q They have been given the pseudonyms BX44, BX45 and BX46.
21 A Yes, that's correct.
22 Q Just to be clear, this is right, these and some other
23 armed officers have been anonymised by order of this
24 court with general agreement?
25 A Yes, that's correct.

19

1 Q Did the vehicle drive into Stoney Street reaching
2 a point just south of where the attackers were
3 assaulting Mr Filis?
4 A Yes, that's right.
5 Q Just to be clear, as they arrived, was the assault on
6 Mr Filis actually going on?
7 A Yes, it was still ongoing.
8 Q We are now going, if we may, to take the stages of the
9 confrontation in slow motion using some plans, but we
10 will see them in real time on footage a little later.
11 So first of all, {DC7283/79}. Looking at paragraph 2.65
12 onwards in your report. Now, BX46 is marked in this
13 plan as a grey square. What did he do as the armed
14 response vehicle arrived?
15 A So BX46 was the first to get out of the vehicle and he
16 immediately confronted Butt.
17 Q He, I think, got out of the front passenger seat?
18 A Yes, that's correct.
19 Q We see on the plan that he has moved forward from the
20 vehicle marked, "TC1", towards where Butt on the right
21 marked as a red circle had been attacking Mr Filis?
22 A That's correct, yes.
23 Q Can we see in the upper right-hand inset image, BX46
24 moving forward in front of the car towards Butt?
25 A Yes, correct.

20

1 Q Just visible highlighted against the headlights of the
2 ARV?
3 A Yes, that's right.
4 Q Now, that upper image is shown from an upper window
5 looking over Stoney Street and the lower image is,
6 I think, of the same scene from the south end of
7 Stoney Street.
8 A Yes, that's correct.
9 Q How did Butt react to the officer moving forward towards
10 him?
11 A Butt actually ran towards the officer, even though he
12 had been confronted by the armed officer.
13 Q Butt still carrying his knife?
14 A Yes, he was.
15 Q And very obviously wearing the mock suicide vest which
16 was now clearly visible because of his jacket having
17 been discarded?
18 A Yes, that's correct.
19 Q What did the officer do in response?
20 A The officer fired and Butt fell to the floor.
21 Q Before he fired his weapon, did the officer move back,
22 apparently to create distance between them?
23 A Yes, he did.
24 Q Is there also some evidence of there being warning
25 shouts?

21

1 A Yes.
2 Q As the officer backed away, did Butt keep coming towards
3 him before the shots were fired?
4 A Yes, he did.
5 Q If we can move to {DC7283/80}, the next plan in the
6 sequence, can we see depicted on the plan what you have
7 just described: The officer moving back slightly, the
8 grey square moving back slightly, and Butt moving
9 towards him, the red circle?
10 A Yes, that's correct.
11 Q Similarly, in the top right-hand image, can we see that
12 the officer in front of the car has moved back slightly
13 and Butt is coming on towards him?
14 A Yes, that's correct.
15 THE CHIEF CORONER: And again, Mr Hough, it might be
16 sensible, just with the assistance of the operator, if
17 we just put a cursor on the -- I appreciate it is
18 a small image -- but just where we say those two images
19 are.
20 MR HOUGH: Yes. If we can bring the cursor up to the upper
21 right image just to the headlights of the car, and then
22 to the right a little, please and down -- sorry, back up
23 and to the left -- there. We see the officer there,
24 just covered by the arrow at the moment. Yes?
25 A Sorry, yes.

22

1 Q And then if we move slightly to the left across the
2 headlights, can we see Butt marked there?
3 A Yes, that's correct.
4 Q We will see these images larger a little later.
5 Meanwhile, can we see that the other two officers, BX45
6 and BX44 have come out of the driver's side of the
7 vehicle and moved just in front of it?
8 A Yes, that's right.
9 Q What was happening with them?
10 A So they ran at the officers when they got out of the
11 vehicle to confront them.
12 Q So the two officers were getting out of the vehicle and
13 who ran at them?
14 A So that was first Redouane and then Zaghba.
15 Q I think Redouane and Zaghba were initially in the place
16 we can see marked with the blue and green circles,
17 taking cover just inside Borough Market.
18 A Yes, that's correct.
19 Q You have told us that they then ran at the two officers?
20 A Yes, that's correct.
21 Q Bring up the next plan in the sequence, please
22 {DC7283/81}. We see there the next image in the
23 sequence showing Redouane and Zaghba having moved
24 towards BX44 and BX45.
25 A That's correct, yes.

23

1 Q How did the two officers react as Redouane and Zaghba
2 charged them?
3 A Both of the officers fired at them and both the
4 attackers fell to the floor.
5 Q What were the times of them being shot and going to the
6 ground? I think you told us yesterday, but please
7 remind us.
8 A I did, yes. It's 22.16.51 and 22.16.52.
9 Q So by 22.16.52, all three attackers had been brought to
10 the ground?
11 A Yes, that's correct.
12 Q Can we see also on this plan the grey square marking
13 BX46 suggests that he has moved away from Butt at that
14 time?
15 A Yes, that's correct.
16 Q So all this is happening at the same time or very close
17 in time.
18 A Yes, that's right.
19 Q Meanwhile, can we see that the car marked, "TC1", has
20 moved forward a little from its previous position?
21 A Yes, that's correct.
22 Q Why is that?
23 A Because the officer -- the driver, BX45 -- was in
24 a hurry to engage with the suspects, and as a result the
25 handbrake wasn't fully committed and the car slowly

24

1 rolled forward.
 2 Q So at this point in the sequence, it had rolled forwards
 3 to a position between Butt and the other attackers?
 4 A Yes, that's correct.
 5 Q Did it continue rolling down the street until stopped
 6 by, I think, some street furniture?
 7 A Yes, that's right.
 8 Q Now, there had been, between 22.16.50 and 22.16.52, some
 9 bursts of gunfire. In those seconds of sudden gunfire,
 10 were others, some others, inadvertently injured, mostly
 11 by shrapnel?
 12 A Yes, sir, that's correct.
 13 Q But was one innocent bystander injured through a direct
 14 bullet hit?
 15 A Yes, sir. That was Neil McLelland.
 16 Q Where was he?
 17 A He was inside the Wheatsheaf public house.
 18 Q Was he towards the front of that pub looking at out of
 19 the window?
 20 A Yes, sir, that's correct.
 21 Q What happened to him?
 22 A He was wounded in the head by the bullet, as a result of
 23 the bullet, and fell to the floor.
 24 Q If we bring up on screen some images which, again, may
 25 be distressing to some {DC7181/310}. We see an image

25

1 inside the Wheatsheaf with Mr McLelland marked towards
 2 the front of the pub?
 3 A Yes, sir, that's correct.
 4 Q And then the next page, please, {DC7181/311}, the image
 5 as Mr McLelland in the next instant goes down to the
 6 ground?
 7 A That's correct.
 8 Q We can take that off screen. Is it right that three
 9 other people inside the pub suffered less serious
 10 injuries from shrapnel?
 11 A Yes, that's right.
 12 Q And that two people further north up Stoney Street were
 13 also injured by shrapnel?
 14 A Yes, that's correct.
 15 Q So the confrontation in which the attackers had actually
 16 been moving towards the officers had finished, but the
 17 confrontation as a whole was not at an end, was it?
 18 A That's correct sir.
 19 Q If we can look at a plan {DC7283/82}, I think we are now
 20 seeing a similar plan to the last few, but the plan and
 21 the image are 11 seconds after the last plan and image
 22 we looked at?
 23 A Yes. That's correct.
 24 Q At a real time of 22.17.02.
 25 A Correct.

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1 Q Just before the arrival of further police officers.
 2 A Yes, sir, that's right.
 3 Q Can we see on that plan BX46 marked in grey on the plan
 4 covering Butt with his firearm just near the Wheatsheaf?
 5 A Yes, that's right.
 6 Q And across the road, the other two officers, BX45 and
 7 BX44, covering Redouane and Zaghba with their firearms
 8 at a slightly greater distance?
 9 A Yes, that's correct.
 10 Q Was it at this point, or shortly after this, that two
 11 Metropolitan Police Service armed response vehicles
 12 arrived?
 13 A Yes, they did.
 14 Q I'm looking at paragraph 3.7 onwards of your report.
 15 When, precisely, did they arrive?
 16 A 22.17.05.
 17 Q Who were the officers in the first of those vehicles?
 18 Again, anonymised officers.
 19 A Echo 122, Alpha Yankie 14 and Bravo Yankie 28.
 20 Q Bring up the next plan in the sequence {DC7823/83}. We
 21 see towards the bottom of the plan that the vehicle
 22 marked, "ARV", containing those Metropolitan Police
 23 officers has just arrived on Stoney Street?
 24 A Yes, that's correct.
 25 Q Further up the road the original City of London ARV

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1 marked TC1 has been stopped by rolling into some street
 2 furniture?
 3 A That's correct.
 4 Q Over on the left-hand side of Stoney Street, BX46 is
 5 continuing to cover Butt?
 6 A Correct.
 7 Q BX44 and BX45 continuing to cover Redouane and Zaghba?
 8 A That's right, yes.
 9 Q And some of the officers from the Metropolitan Police
 10 vehicle starting to get out.
 11 A Yes, that's right.
 12 Q Is this the image just a few seconds after the arrival
 13 of that Metropolitan Police vehicle?
 14 A Yes, that's correct.
 15 Q Now looking at paragraph 3.9 of your report, did one of
 16 the Metropolitan Police officers, BY28, approach one of
 17 the attackers, Zaghba, and see what appeared to be
 18 suicide vests?
 19 A Yes, he did.
 20 Q How did he and the other officers react to that sight?
 21 A Believing that they were wearing improvised explosive
 22 devices they withdrew and maintained cover from the
 23 suspects.
 24 Q Over the minutes that followed, did they use the
 25 Metropolitan Police armed response vehicle as a form of

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1 hard cover, positioning themselves behind that?
 2 A Yes, they did.
 3 Q We can look at a couple of images of the scene, first of
 4 all {DC7181/284}. We see the scene now with a number of
 5 the officers having retreated across the road covering
 6 Redouane and Zaghba from a distance.
 7 A Yes, that's correct.
 8 Q And then the next page, please, {DC7181/285}, the
 9 officers having backed away further to maintain cover
 10 and some additional officers arriving.
 11 A Yes, that's right.
 12 Q Now, in the minutes that followed, and we will look at
 13 the timings in more detail when we look at the video,
 14 did the officers fire on the attackers a number of
 15 times?
 16 A Yes, they did.
 17 Q Why did they do that?
 18 A They could see that the attackers were still moving.
 19 They believed that they were going to activate the
 20 explosive devices they were wearing and they fired
 21 further shots.
 22 Q So that's the evidence which we will hear from those
 23 officers in the inquests of the attackers, that they
 24 noticed the attackers, although on the ground, still
 25 moving, were concerned about explosives being detonated,

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1 and fired on them to incapacitate them?
 2 A That's correct.
 3 Q While the officers were maintaining cover on the
 4 suspects, did they become aware of Mr McLelland injured
 5 in the Wheatsheaf?
 6 A Yes, they were. They were notified from somebody in the
 7 Wheatsheaf that there was somebody seriously injured
 8 inside.
 9 Q Butt, of course, was lying just near the south of two
 10 entrances to the Wheatsheaf and he was believed to be
 11 wearing an explosive vest.
 12 A That's correct.
 13 Q Looking at paragraph 3.20 of your report on page 26,
 14 were some shots fired at Butt between 10.28 and 10.29
 15 because of him still moving?
 16 A Yes, that's correct.
 17 Q But, nevertheless, from 10.30, did the officers proceed
 18 to evacuate the pub from close to him?
 19 A Yes, that's right.
 20 Q How did they do that?
 21 A They managed to get to the front door of the Wheatsheaf
 22 and then evacuate the people out the front whilst cover
 23 was being provided by one of the armed officers.
 24 Q Using, I think, a ballistic shield?
 25 A That's correct.

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1 Q During that exercise, were they effectively putting
 2 themselves at risk to get people out and bring help to
 3 the injured person inside?
 4 A Yes, sir, that's correct.
 5 Q Was Mr McLelland successfully evacuated with the others
 6 from the pub?
 7 A Yes, he was.
 8 Q Did he ultimately survive his injuries?
 9 A Yes, he did.
 10 Q And then finally, may we please see an overview image
 11 {MP0007/1}. Can we see here an overview of the scene in
 12 Stoney Street with the City of London armed response
 13 vehicle the first that arrived up towards the top of the
 14 street?
 15 A Yes, that's correct.
 16 Q And the Metropolitan Police car with a red dot beside it
 17 opposite the Wheatsheaf?
 18 A Yes, that's right.
 19 Q I would now like to move on and ask you some questions
 20 about the management of the scene which you address from
 21 page 27 of your report. Is it right that unarmed
 22 officers, including PCs Marques and Guenigault, had
 23 started arriving at the scene very shortly after the
 24 attack began?
 25 A Yes, that's right. From 22.08.29.

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1 Q So within about a minute or so of the attackers
 2 beginning the attack from outside the van?
 3 A Yes, sir, that's correct.
 4 Q You have told us that some were involved in
 5 confrontations with the attackers.
 6 A Yes, that's right.
 7 Q In general terms, did the evidence collected by your
 8 team suggest that officers believed that they were at
 9 risk even after the attackers had been shot?
 10 A Yes, that's right.
 11 Q Why was that?
 12 A Because of the confusion of the attackers removing their
 13 jackets, they were unsure of the attackers on the ground
 14 at this time, and the description that they could see to
 15 that that was given originally.
 16 Q Also, is it generally a concern when you are dealing
 17 with marauding terrorist attacks of this kind that there
 18 may be other attackers yet unaccounted for?
 19 A That is a possibility, yes.
 20 Q Did a senior police officer arrive on the scene quickly
 21 to oversee matters?
 22 A Yes, sir, he did.
 23 Q Who was that?
 24 A That was Superintendent Roy Smith.
 25 Q At this time were the radio transmissions going on

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1 referring to explosive devices and, in fact, active
 2 shooters?
 3 A Yes, that's correct.
 4 Q Because, of course, gunshots had been heard which
 5 couldn't necessarily be attributed to police officers?
 6 A Yes, that's correct.
 7 Q In the event of a terror attack, is one police procedure
 8 to establish something called a "hot zone"?
 9 A Yes, that's correct.
 10 Q What is that?
 11 A The hot zone is, in essence, for an environment that is
 12 deemed unsafe and only armed officers can go into it.
 13 Q Did Superintendent Smith and his officers follow
 14 a protocol of excluding all but armed officers from
 15 a particular zone?
 16 A No, they did not follow the protocol.
 17 Q Why didn't they?
 18 A Because they felt that members of the public were at
 19 risk and they could see that there were casualties that
 20 needed evacuating.
 21 Q As you have told us over the time that followed, were
 22 casualties evacuated from the area around Boro Bistro to
 23 various ambulance crews?
 24 A Yes, they were.
 25 Q Meanwhile, did Superintendent Smith set up a forward

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1 command post at a point further southwest down Borough
 2 High Street?
 3 A Yes, he did, at the soldier statue.
 4 Q Page 28 of your report please. Meanwhile, were police
 5 resources being coordinated by duty officers at
 6 Southwark Borough?
 7 A Yes, they were. Inspector Duncan Jackson coordinated
 8 resources.
 9 Q While the armed response vehicle officers were dealing
 10 with the immediate threat in Stoney Street, as you have
 11 described, were there other armed officers fanning out
 12 across the area to search for further suspects?
 13 A Yes, that's correct.
 14 Q Did a tactical firearms commander from the British
 15 transport police also arrive on scene to assist?
 16 A Yes, they did, AF34.
 17 Q What did he do? What did he take charge of?
 18 A So he took command of the hot zone.
 19 Q Did a team from the London Air Ambulance service also
 20 arrive?
 21 A Yes, they did.
 22 Q When was that? Paragraph 4.7.
 23 A Thank you. 22:45.
 24 Q I think they were immediately -- they were at first kept
 25 away from the immediate scene because of fears about

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1 their safety.
 2 A Yes, that's correct.
 3 Q But the doctor involved with that team assisted with
 4 triage north of the bridge, north of London Bridge.
 5 A Yes, Dr Chris Lambert.
 6 Q Of course, the suspects were wearing these explosive
 7 devices. Was the Explosive Ordinance Disposal Unit
 8 called in?
 9 A Yes, they were.
 10 Q When did they arrive?
 11 A They arrived at Stoney Street at 23:16.
 12 Q Did they very quickly establish that these were not, in
 13 fact, viable explosive devices?
 14 A Yes, they deemed them hoax devices.
 15 Q By that stage, so 11.15 or so, was it evident that the
 16 attackers who had been shot multiple times were all
 17 dead?
 18 A Yes, that's correct.
 19 Q So although they were later formally pronounced dead by
 20 paramedics, evident to the officers at the time that
 21 they were dead by that time?
 22 A Yes, that's correct.
 23 Q Now, meanwhile, did the Counter Terrorism Command, SO15,
 24 play a part in beginning its investigation?
 25 A Yes. DC Dave Frisby arrived at 11.00 pm.

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1 Q Was that because the attackers needed to be looked at
 2 and evidence gathered from them to establish who they
 3 were and begin the investigation in the interests of
 4 public safety?
 5 A Yes, that's correct.
 6 Q Now, over the last few minutes we have just reviewed
 7 very briefly some of the work being done by the
 8 emergency services, but is this right, there were many
 9 other personnel from the police forces, the London
 10 Ambulance Service, the Fire Service and other services
 11 who attended the scene and performed their various
 12 roles?
 13 A Yes, sir, that's right.
 14 Q What I now propose to do, with your help, is to look at
 15 some animations prepared by the Computer Aided Modelling
 16 Bureau which show the scene, and these are, I think,
 17 used in the same laser scanning technology which has
 18 produced images like the one that are on some of the
 19 screens now. If we can begin with the overview
 20 animation, which Oli is {AV0010}. While that is being
 21 prepared, can you just confirm the following; first of
 22 all, when we get to this animation, we will see vehicles
 23 stationary as they were in the aftermath of the attack
 24 and some of the other debris from the aftermath.
 25 A Yes, sir, that's correct.

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1 Q The purpose of this animation is to show an overview of
2 the scene. If we play on, please, we will see first of
3 all a map showing the area as a whole from a high level
4 perspective with various areas marked, and then we will
5 descend to a lower level.
6 (video played)
7 Pause there, please. We can now see identified
8 London Bridge, the cathedral, the crash site, Borough
9 High Street and Stoney Street.
10 A Yes, that's correct.
11 Q Play on please.
12 (video played)
13 We will see the animation move across the bridge to
14 the north side of the Thames. Then it will descend and
15 follow the path of the vehicle over the bridge. We are
16 reaching the site of the crash, just above Boro Bistro.
17 We will focus in on the courtyard of Boro Bistro next,
18 beside the cathedral, where the attack on foot began.
19 Pause there, please. We see there marked Boro Bistro,
20 Montague Close and the Mudlark public house, Montague
21 Close, part of a system of alleyways through which
22 various people escaped.
23 A Yes, that's correct.
24 Q Play on please.
25 (video played)

1 Again, looking down over Boro Bistro. We are now
2 approaching -- pause there, please -- the stairs down to
3 the courtyard and the bridge across which you described
4 earlier.
5 A Yes, that's right, sir, and just to the right of that is
6 the recess area I talked about yesterday where
7 James McMullan was stood.
8 Q The recess area where James McMullan was stood, and it
9 is also this area where Sara Zelenak was attacked?
10 A That's correct.
11 Q Play on please.
12 (video played)
13 The viewpoint will then go down the stairs. We see
14 at the bottom Cafe Brood with its red awnings. Then the
15 animation moves to the right into the courtyard of
16 Boro Bistro. We are now, I think, approaching the area
17 where Sébastien Bélanger and Alexandre Pigéard were
18 attacked.
19 A Yes, that's correct.
20 Q Pause there. Are we now looking down the passageway by
21 the side of the cathedral wall where Alexandre Pigéard
22 ran and then the attackers ran after him?
23 A That's right, yes.
24 Q Play on please.
25 (video played)

1 We have now, I think, reached the corner of the
2 wall -- pause there -- where Alexandre Pigéard was
3 attacked for a second time and Kirsty Boden was
4 attacked.
5 A Yes, that's right.
6 Q Play on, please.
7 (video played)
8 We will now follow the alleyway around, an alleyway
9 down which some people escaped, and where Kirsty went
10 after receiving her injuries.
11 A That's correct.
12 (video played)
13 Q Now, I think, emerging into a courtyard behind the
14 Mudlark pub which is identified by a label --
15 A That's correct.
16 Q -- where Kirsty was found?
17 A Yes, that's right.
18 (video played)
19 Q We will then return down the alleyway and re-enter the
20 Boro Bistro courtyard.
21 A Correct.
22 (video played)
23 Q The viewpoint is rising to view the courtyard from
24 above.
25 Pause there, please. It was immediately below the

1 crashed van in the corner of the courtyard that James
2 McMullan was found fatally injured?
3 A Yes, sir, that's right.
4 Q Play on again, please.
5 (video played)
6 The animation now looking south down Borough High
7 Street with the railway viaduct immediately above, and
8 moving past the alleyway -- pause there -- where the
9 attackers stabbed some members of the public.
10 A Yes, that's right, Marie Bonneville and Oliver Dowling.
11 Q Play on, please.
12 (video played)
13 Just passing Lobos restaurant and the Borough
14 Kitchen Cook Shop. This is the area, I think, where the
15 attackers set upon Ignacio.
16 A That's correct.
17 Q We are now seeing marked the Post Office right opposite
18 Lobos. There was, I think, a CCTV camera there which
19 showed some of the events opposite.
20 A Yes, it does.
21 (video played)
22 Q We see the animation then continue south past Bedale
23 Street on the right and Padella restaurant before the
24 road branches off to Southwark Street on the right
25 and -- pause there, please -- we see where the attackers

1 went up Southwark Street and then immediately into
 2 Stoney Street on the right.
 3 A That's correct.
 4 Q Can we again see the orange awnings of
 5 Tapas Brindisa and opposite, the green awnings of the
 6 Southwark Tavern?
 7 A Yes. That's right. That is the area where
 8 Brett Freeman and Daniel O'Neill were stabbed.
 9 Q Play on, please.
 10 (video played)
 11 The animation is now identifying the various places
 12 you told us about on Stoney Street.
 13 A Yes, that's correct.
 14 Q Play on, please.
 15 (video played)
 16 The animation then shows us the route taken by the
 17 attackers up Stoney Street marking, once again, the
 18 Wheatsheaf, the El Pastor, and the Market Porter.
 19 A That's correct.
 20 Q Pause there, please. We are now seeing, I think, marked
 21 Middle Road, the route into Borough Market, where the
 22 attackers confronted and then charged the various
 23 unarmed police officers.
 24 A Yes, that's correct.
 25 Q Play on, please.

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1 (video played)
 2 It is also identified Elliott's and Black and Blue,
 3 two further places where the attackers went.
 4 A Yes, sir, that's right.
 5 Q Play on, please. The viewpoint will pan around to show
 6 a view into Black and Blue.
 7 (video played)
 8 The entrance below the sign, "Black and Blue", is
 9 where the attackers entered.
 10 A That's right, yes.
 11 Q We are now going to look at a shorter animation showing
 12 the route of the vehicle across London Bridge. This is
 13 {AV0011}. Is this right, that this animation, like the
 14 last, is based on the laser scan survey data?
 15 A Yes, that's correct.
 16 Q And this will show the route of the van across London
 17 Bridge highlighted with red lines where the van left
 18 some marks?
 19 A Yes, sir, that's right.
 20 Q The route shown by those marks is again based on the
 21 work of the collision investigator?
 22 A Yes, that's right.
 23 Q Just to be clear, the animation won't seek to replicate
 24 the speed of the van, or all its various twists and
 25 turns.

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1 A That's right.
 2 Q Stationary vehicles which we saw on the last animation
 3 have been removed on this one because they wouldn't have
 4 been present as the van was going over the bridge?
 5 A Yes, sir, that is correct.
 6 Q And the animation will identify the places of various
 7 CCTV cameras from which we have evidence as well as the
 8 places where Xavier Thomas and Christine Archibald were
 9 struck?
 10 A Yes, sir. That's correct.
 11 Q Play on, please.
 12 (video played)
 13 Pause there. So we are starting at the north end of
 14 the bridge and first, I think, marked a CCTV camera by
 15 the side of the road from which we have some images?
 16 A Yes, that's correct.
 17 Q Play on, please.
 18 (video played)
 19 Similarly, another camera marked. Pause here. We
 20 are looking, I think, at the -- did the animation --
 21 I think the animation may have skipped a little. Could
 22 we go back towards the start please, just so that we can
 23 see the first stretch of it going across the bridge?
 24 So can we see here paused marks where the van first
 25 mounted the bridge to the north?

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1 A Yes, sir, that's right.
 2 Q We see the first two sets of marks showing its first
 3 mounting of the pavement.
 4 A That's correct.
 5 Q Play on, please.
 6 (video played)
 7 And then pause here, a further set of red marks
 8 showing the van's second mounting of the pavement?
 9 A Yes, sir, that's correct.
 10 Q Reaching a point just by the balustrade right at the
 11 riverside.
 12 A Yes, that's right.
 13 Q And it's there, I think, that your team has pinpointed
 14 the location of Xavier being struck.
 15 A Yes, that's right.
 16 Q Play on, please.
 17 (video played)
 18 Can we see a third set of marks where the van
 19 mounted the pavement a third time?
 20 A Yes, that's right.
 21 Q Pause there, please. Will we see, at the end of those
 22 marks, just near the kerbside, a marker to indicate the
 23 location where Christine was struck?
 24 A Yes, that's correct.
 25 Q And then further marks showing the path of the van as it

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1 went across the road, across the central reservation and
 2 down the wrong side of the road for a short distance.
 3 A Yes, that's correct.
 4 Q Play on, please.
 5 (video played)
 6 Pause there. The second marker for Christine being
 7 where the van released her and she was then given CPR.
 8 A Yes, that's correct.
 9 Q Play on, please.
 10 (video played)
 11 The camera is marked on the facade of the building
 12 on the side of the road which captured footage of the
 13 van passing before it crashed.
 14 A Yes, that's right.
 15 Q Play on, please.
 16 (video played)
 17 Pause there. We now see the animation as showing
 18 the route of the van as it veered from the wrong side of
 19 the road into the railings just south of the Barrow Boy
 20 & Banker.
 21 A Yes, that's correct.
 22 Q Are we pointing out, at the moment, a camera just to the
 23 north of the Barrow Boy & Banker which captured footage
 24 of the van in the seconds before the crash?
 25 A Yes, that's right.

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1 MR HOUGH: Then play on, please.
 2 (video played)
 3 The animation will zoom in on the crash scene before
 4 it ends.
 5 Sir, we are about to go through the animation of the
 6 attackers' route which is a little longer. Would that
 7 be a convenient moment for a [15-minute] break?
 8 THE CHIEF CORONER: It certainly would. We will take
 9 a break.
 10 (11.16 am)
 11 (A short break)
 12 (11.34 am)
 13 MR HOUGH: Detective Superintendent, we are now moving on to
 14 the final animation, the attackers' route animation,
 15 {AV0012}. I think some efforts have been made to iron
 16 out technical problems with the larger screens. This
 17 animation, I think, will follow the route of the
 18 attackers on foot from the crash site, and as a note at
 19 the start of it will record some paraphernalia of
 20 forensics officers such as a crime scene tent have been
 21 removed from images to improve clarity.
 22 A Yes, that's correct.
 23 Q The animation will identify some of those attacked and
 24 the places where they were attacked or found.
 25 A Yes, that's right.

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1 Q Is this right: The markers will show the faces of those
 2 who died, but not the faces of the injured because their
 3 images are often not in the public domain?
 4 A Yes, that's correct, sir.
 5 Q Play on, please.
 6 (video played)
 7 The animation will begin with a plan showing with an
 8 arrow the route of the attackers from the van down into
 9 the courtyard of Boro Bistro, following the route they
 10 took within the courtyard and back out. It follows the
 11 path they then took southwest down Borough High Street.
 12 Then we move to the animation view, pointing out the
 13 Barrow Boy & Banker, immediately to the north of the
 14 crash site with the crashed van, and we see again the
 15 camera marked which showed some footage of the van
 16 before it crashed. Play on please.
 17 (video played)
 18 The animation will show the first two people
 19 attacked and the places where they were attacked,
 20 Grant Merrell and Richard Livett?
 21 A That's correct.
 22 Q It reaches the top of the steps and identifies the place
 23 where Sara Zelenak was attacked.
 24 A That's right.
 25 Q It descends into Green Dragon Court, identifying where

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1 Sébastien Bélanger and Alexandre Pigeard were attacked.
 2 A That's correct.
 3 Q Under the archway to where Paul Saint-Pasteur and
 4 Helen Kennett were attacked.
 5 A Yes, that's right.
 6 Q To the corner of the wall, it curves round to where
 7 Kirsty Boden was attacked.
 8 A That's correct.
 9 Q Showing also where Marie Drago and Marine Vincent were
 10 attacked under the umbrellas?
 11 A That's right.
 12 Q And identifying the place immediately below the crashed
 13 van where James McMullan was found?
 14 A Yes, that's correct.
 15 Q The animation then returns down the path the attackers
 16 took leaving the courtyard.
 17 A That's correct.
 18 Q Borough High Street, it identifies where Plamen Raychev
 19 was attacked --
 20 A That's right.
 21 Q -- in the High Street. And then the area, near the
 22 alleyway on the right where Marie Bondeville and
 23 Oliver Dowling were attacked. Pause there, please.
 24 I think we also saw markers for PC Wayne Marques and
 25 PC Charlie Guenigault because that's where they

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1 confronted the attackers and were injured.
 2 A Yes, that's correct.
 3 Q Play on, please.
 4 (video played)
 5 Pause there. The animation has moved further south
 6 to near Lobos, identifying where Ignacio Echeverria went
 7 to the aid of others, confronted the attackers and was
 8 fatally injured?
 9 A Yes, sir, that's correct.
 10 Q We can see marked the camera from inside Lobos, showing
 11 an inset image of the attackers walking past?
 12 A Yes, that's correct.
 13 Q Play on, please.
 14 (video played)
 15 We see the animation move south past -- sorry, pause
 16 there -- the animation identifies immediately across
 17 from Lobos and the Borough Kitchen the camera on the
 18 Post Office forecourt from which we will see a section
 19 of imagery.
 20 A Yes, sir, that's right.
 21 Q Play on, please.
 22 (video played)
 23 Then we see the plan view with the animation tracing
 24 the attackers' route down Borough High Street and into
 25 Stoney Street.

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1 A That's correct.
 2 Q And then the animation follows that route again,
 3 reaching the junction of Bedale Street where the
 4 Piersants and Mr Morrison were attacked, as you told us?
 5 A Yes, correct.
 6 Q It is just marked out -- pause there -- two cameras from
 7 London Bridge underground station and some sample images
 8 showing the attackers.
 9 A Yes, that's right.
 10 Q Play on, please.
 11 (video played)
 12 We see it is just outside Leon that the Piersants
 13 and Mr Morrison were attacked.
 14 A Yes, that's right.
 15 Q Another camera across the road marked out. The
 16 animation moves on, passing Padella, moving past NatWest
 17 marking out a camera at the entrance to Borough Market.
 18 A Correct.
 19 Q Following the fork of the road into Southwark Street and
 20 turning to look up Stoney Street.
 21 A Yes, sir, that's correct.
 22 Q And there, again -- pause there, please -- we see the
 23 distinctive orange awnings of Tapas Brindisa and the
 24 camera mounted outside showing, I think, Redouane about
 25 to attack Mr Freeman?

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1 A Yes, that's right.
 2 Q Play on, please.
 3 (video played)
 4 Opposite the green awnings of the Southwark Tavern
 5 and the marker where Daniel O'Neill was attacked.
 6 A That's correct.
 7 Q There's another marker showing the attackers passing
 8 Tapas Brindisa.
 9 A Correct.
 10 Q As we move up Stoney Street we see a camera marked on
 11 the roof of the covered market looking towards where the
 12 attackers entered the street?
 13 A Yes, sir, that's right.
 14 Q Play on, please.
 15 (video played)
 16 A further camera mounted on the roof showing the
 17 view up Stoney Street from a slightly different angle.
 18 A Yes, correct.
 19 Q And the animation moves up Stoney Street as the
 20 attackers did. We then see a plan view with the red
 21 arrow once again tracing the attackers' route.
 22 A Yes, that's correct.
 23 Q Into El Pastor, Elliott's and then Black and Blue. And
 24 within Black and Blue we see their route through the bar
 25 area and then through the dining area, and the arrow

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1 follows the attackers back down Stoney Street to Middle
 2 Road, into Middle Road where they charged the unarmed
 3 police officers, and then back into Stoney Street?
 4 A Yes, that's right, sir.
 5 Q We return to the animation showing the area, first of
 6 all, where Gavin Stacey and Sashan Flanders were
 7 attacked outside the Wheatsheaf?
 8 A Correct.
 9 Q The animation identifies the camera outside El Pastor
 10 with a still image of Zaghba and Redouane walking past?
 11 A Yes, sir, that's right.
 12 Q Play on, please.
 13 (video played)
 14 It marks out where Isabella Barkett who was attacked
 15 at the front of El Pastor.
 16 A That's right.
 17 Q And moves across Park Street to Elliott's Cafe where we
 18 will see an internal view of the cafe where
 19 Candice Hedge and Adam Harris were attacked.
 20 A That's correct.
 21 Q We move towards Black and Blue where the attackers
 22 entered and attacked a number of people. Just pause.
 23 With the camera over the door at the outside showing
 24 them approaching the doors?
 25 A That's correct.

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1 Q Play on, please.
 2 (video played)
 3 The animation takes us into the bar area -- pause
 4 there, please -- we can see the bar ahead and on the
 5 left, the long table where Mr Larner was sat before he
 6 was attacked.
 7 A Yes, that's right.
 8 Q Identifying also the alcove area where Mr Joseph and
 9 Mr Ho were attacked.
 10 A That's right.
 11 Q Pause there. We are now seeing a camera marked out
 12 which is positioned at the entrance looking into the bar
 13 area showing Redouane and Zaghba shortly before they
 14 attacked Mr Larner.
 15 A Yes, that's correct.
 16 Q Play on, please.
 17 (video played)
 18 We see the camera positioned over the bar area, an
 19 example shot from that camera. Play on.
 20 (video played)
 21 The view moves into the dining area, again, as the
 22 attackers did following their path, identifying a camera
 23 within the seating area and an image of the attackers on
 24 their way out?
 25 A That's correct.

53

1 Q Play on, please.
 2 (video played)
 3 Moving towards the exit which was taken by the
 4 attackers, with another camera indicated showing the
 5 attackers near the exit.
 6 A Yes, that's right.
 7 Q Leaving Black and Blue, the view -- we turn south down
 8 Stoney Street; is that right?
 9 A Yes, that's right.
 10 Q Again, as the attackers did, before panning around to
 11 look down Middle Road where the attackers briefly went.
 12 A Correct.
 13 Q The animation will identify a number of cameras mounted,
 14 first of all, on the facade of the market and then
 15 within the market, from which we have footage showing
 16 the attackers going down Middle Road.
 17 A Yes, that's right.
 18 Q Play on, please.
 19 (video played)
 20 The animation view, I think, then moves around and
 21 down Stoney Street to the area where the attackers were
 22 confronted by the police?
 23 A Yes, sir, that's right.
 24 Q Identifying a camera above El Pastor with Redouane shown
 25 in the image advancing on Mr Filis opposite.

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1 A Yes, that's correct.
 2 Q Play on, please.
 3 (video played)
 4 We will see the animation move a little further down
 5 the road to opposite the Wheatsheaf looking out, again,
 6 the camera on the roof of the market which we identified
 7 earlier.
 8 A That's right.
 9 Q And the still image of the attackers walking down the
 10 road shortly before the police arrived.
 11 A Yes, sir, that's right.
 12 Q A marker to show where they attacked Mr Filis, and
 13 a marker also for where the three attackers were
 14 themselves confronted and shot.
 15 A That's correct.
 16 Q Also a marker to indicate where Mr McLelland was struck
 17 by a bullet.
 18 A Yes, sir, that's right.
 19 Q That's the end of that animation. With your assistance,
 20 we are now going to look at a compilation of audio
 21 visual material. It is right, isn't it, that the
 22 officers in your team seized and viewed recordings from
 23 a range of sources amounting to very many hours of
 24 footage.
 25 A Yes, that's right, sir.

55

1 Q And that your team in consultation with the Inquest
 2 team, has produced a compilation of the most relevant
 3 pieces of footage for use in these inquests?
 4 A Yes, we have.
 5 Q To identify the main types of footage we have CCTV
 6 footage from fixed cameras on the road --
 7 THE CHIEF CORONER: I'm not entirely sure, Mr Hough, how you
 8 have managed to get an echo, but ...
 9 MR HOUGH: Maybe the audio can be turned off for a few
 10 moments before we start the animation.
 11 First of all, cameras on roads and buildings and so
 12 on, some of which are fixed and some of which can be
 13 panned around and zoomed?
 14 A Yes, that's right, sir.
 15 Q Also, CCTV footage from quite a number of London buses.
 16 A Correct.
 17 Q Dash cam footage from various cars?
 18 A Yes, that's right.
 19 Q Footage uploaded by members of the public in an answer
 20 to a police request for assistance?
 21 A That's correct.
 22 Q And body-worn video footage from police officers.
 23 A Yes, sir, that's correct.
 24 Q Is this right, the bulk of the compilation will consist
 25 of CCTV footage which doesn't include audio?

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1 A Yes, sir, that's right.
 2 Q With your assistance, we will now be looking at parts of
 3 the compilation which are concerned with the attack. We
 4 will later look at some other parts concerned with the
 5 preparations for the attack.
 6 A Yes, sir, that's correct.
 7 Q Oli, may we please go to {AV0004} which is Master
 8 Compilation Bridge Attack? We are going to see some
 9 footage of events on the bridge. We will pause at the
 10 start of each clip to identify what we are looking at.
 11 (video played)
 12 Pause here. We are now looking at a camera on the
 13 front of an office building at the north of
 14 London Bridge facing north, and we will see the van
 15 being driven south just before it starts the attack at
 16 22.06.49?
 17 A Yes, that's right, sir.
 18 Q Play on.
 19 (video played)
 20 Pause, please. A camera on the front of the same
 21 office building facing south at the same time with the
 22 van heading south and I think we will see it veered to
 23 the left on to the east pavement the first time it
 24 mounted, striking Cyrille Coutamine and Elizabeth Henri,
 25 both of whom are marked?

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1 A Yes, that's right.
 2 Q Then we will see it swerve off the pavement and back on,
 3 striking Daniela Kaiser who is also marked?
 4 A Correct, yes.
 5 Q Play on, please.
 6 (video played)
 7 Pause here. I think we are now looking at CCTV from
 8 a number 35 bus travelling north over the bridge,
 9 22.06.53, and we will see the van drive off the pavement
 10 then back on, and I think it's in that second passage
 11 along the pavement that the van strikes
 12 Christine Delcros and Xavier Thomas, although they are
 13 not visible?
 14 A Yes, that's right.
 15 Q Play on, please.
 16 (video played)
 17 Pause there. I think we are now looking at CCTV
 18 from the same bus, the camera on the offside, facing
 19 rear, so facing south. We can see the van drive off the
 20 pavement striking Regina Langer and then mounting the
 21 pavement again for a third time before driving across
 22 the road and the central reservation.
 23 A Yes, that's correct.
 24 Q Play on, please.
 25 (video played)

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1 Pause, please. Now I have already given a warning
 2 that footage generally that we will be seeing contains
 3 some disturbing images. This contains some perhaps
 4 particularly disturbing images. We are now looking,
 5 I think, at the CCTV camera positioned on the north side
 6 of London Bridge facing south, zoomed in on the
 7 southbound carriageway at the crest of the bridge, and
 8 we will see the van just as it starts the second
 9 mounting of the pavement, then it will go out of view,
 10 we will then see it striking Regina Langer, then we will
 11 see it mount the pavement for a third time striking
 12 Keir Michaels, Christine Archibald, Tanya and Peter
 13 Lunt, and we will also see marked Tyler Ferguson,
 14 Christine's fiancé.
 15 A That's correct, sir.
 16 Q Play on, please.
 17 (video played)
 18 It is very clear in that footage that the van was
 19 being driven at large groups of pedestrians.
 20 A Yes, it was.
 21 Q Pause here. Again, some distressing imagery. This is
 22 CCTV from a route 40 bus which was travelling south, and
 23 the camera is on the rear, pointing north.
 24 A That's correct.
 25 Q We will see -- keep it paused, please -- we will see the

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1 van, 22.07.00, it leaves the pavement for a second time
 2 and is about to strike Regina Langer. We will then see
 3 it mount the pavement for a third time before returning
 4 to the roadway and travelling across all the lanes and
 5 the central reservation. As it goes across the road,
 6 Christine will be seen trapped under the front offside
 7 of the van and we will see Tyler Ferguson run to her.
 8 A Yes, sir, that's correct.
 9 Q Play on, please.
 10 (video played)
 11 Pause here. We are now looking at CCTV from the
 12 same route 40 bus travelling south, this time a camera
 13 on the offside of the bus pointing north.
 14 A Correct.
 15 Q Time, 22.07.07, and we will see the van as it comes off
 16 the pavement for a third time. This time we will see
 17 Christine as she is released from the van as it goes
 18 over the central reservation and Tyler runs to
 19 Christine's aid.
 20 A Yes, sir, that's correct. Her body comes to rest just
 21 before the head of the white arrow and you see Tyler
 22 come and meet her.
 23 Q We also see in this footage the driver of the bus,
 24 Anton Sobanski, who is a witness in the Inquest.
 25 A Yes, correct.

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1 Q Play on, please.
 2 (video played)
 3 You saw a number of people running to Christine 's
 4 aid.
 5 A Yes, that's right.
 6 Q Pause there, please. We are now going to see some
 7 footage from a building at the south end of the bridge
 8 on the west side looking down Borough High Street to the
 9 south, and we will see the van come into view, be driven
 10 the wrong way down the carriageway after it had crossed
 11 the lanes and then -- before crashing.
 12 A That's correct.
 13 Q Play on, please.
 14 (video played)
 15 Then pause here. We are now seeing CCTV from
 16 a number 133 bus at the south side of the bridge,
 17 heading south, with the camera on the front of the bus?
 18 A Correct.
 19 Q You will see the van come past, travelling south on the
 20 wrong side of the road, before veering and colliding
 21 with the railings outside of the pub. I think we will
 22 see the van rebound slightly with the force of the
 23 collision .
 24 A That's correct.
 25 Q Play on, please.

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1 (video played)
 2 Pause here. We are now looking at CCTV from
 3 a camera on the Barrow Boy & Banker facing south down
 4 Borough High Street. We will see the van come into view
 5 before colliding with the railings . The time on the
 6 footage is, I think, not right. The correct time puts
 7 the impact at 22.07.17?
 8 A That's right, sir.
 9 Q If we keep our eyes focused on the van, we will see that
 10 the attackers do not exit from the offside because, as
 11 you have told us, they all exited from the passenger
 12 side.
 13 A Yes, that's right.
 14 Q Play on, please.
 15 (video played)
 16 That and other footage will give us the impression
 17 of plenty of people out on the streets on a busy
 18 Saturday night?
 19 A Yes, it does.
 20 Q We can now go to the next part of the compilation which
 21 is {AV0005} which is called, "Market Attack, 3A".
 22 (video played)
 23 Again, if we pause here. We are now, I think,
 24 looking from a CCTV camera looking over the Boro Bistro
 25 courtyard towards the archway through which the

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1 attackers came.
 2 A Yes, sir, that's right.
 3 Q Starting at 22.07.11, and we will see Sébastien Bélanger
 4 who is marked enter with two friends. You also see
 5 marked out Marie Drago and Marine Vincent who will later
 6 be attacked. We will see debris rain down as the van
 7 impacts the wall.
 8 A Correct.
 9 Q And then ten seconds after that, at 22.07.27, we will
 10 see through the archway members of the public reacting
 11 by running into the courtyard.
 12 A Yes, that's correct.
 13 Q We look through the archway at that point.
 14 A Correct.
 15 Q Play on, please.
 16 (video played)
 17 That's debris raining down from the collision. If
 18 we look through the archway, we see people running
 19 across.
 20 A Yes, that's right.
 21 Q Pause here. We are now looking at dash cam footage from
 22 a black cab going north on Borough High Street towards
 23 the bridge.
 24 A Correct.
 25 Q I think at 22.07.32 we will see that the attackers have

63

1 left the van and are running towards the steps down to
 2 Boro Bistro courtyard?
 3 A That's right.
 4 Q You will see Redouane very faintly waving a knife in
 5 front of him.
 6 A Correct.
 7 Q The figure in front running who is believed to be
 8 Richard Livett who by this stage had already been
 9 stabbed.
 10 A That's right sir, yes.
 11 Q Play on, please.
 12 (video played)
 13 Pause here, please, just for the title page. We are
 14 now, I think, going to look at some mobile phone footage
 15 taking by a bystander, Erick Siguenza. Is this right,
 16 Mr Siguenza came across the road from opposite the
 17 entrance down to Boro Bistro?
 18 A That's correct.
 19 Q He filmed a short clip, part of which is looking down
 20 into the Boro Bistro courtyard during the attack.
 21 A Yes, sir, that's right.
 22 Q It's filmed at about 22.08.00, about 30 seconds after
 23 the last clip.
 24 A Correct.
 25 Q And we are going to see the footage in three versions:

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1 Real time footage, an enhanced section and a slowed and
 2 enhanced section.
 3 A Yes, sir, correct.
 4 Q The attackers will be marked by their initials, and we
 5 will see them going through the courtyard alongside the
 6 wall by Southwark Cathedral?
 7 A Correct.
 8 Q And then it is just possible to see them attacking
 9 Kirsty Boden.
 10 A Yes, sir, that's correct.
 11 Q Redouane in a striped top will be seen bending to stab
 12 her.
 13 A Yes.
 14 Q Now, there is audio on this clip and if we listen we
 15 will hear shouts of "Allah Akhbar" as you told us?
 16 A Yes, sir, that's right.
 17 Q Play on, please.
 18 (video played)
 19 So this is the enhanced section showing the three
 20 attackers alongside the wall by the cathedral running
 21 along that path.
 22 A Yes, sir, that's right.
 23 Q Play on, please.
 24 (video played)
 25 This is finally the same section slowed and enhanced

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1 in which we see the attack on Kirsty.
 2 A So, you will see right in this section, that's right,
 3 sir, what we believe is Kirsty.
 4 Q Pause at the start of the clip. Pause there. We are
 5 now looking, I think, at CCTV footage from a camera on
 6 an outside wall of Boro Bistro looking at part of the
 7 seating area starting at 22.07.54 and we will see Kirsty
 8 moving to where the attackers are, as we have heard, to
 9 help others and then some seconds later we will see her
 10 coming past after being stabbed.
 11 A Correct.
 12 Q We will also see Kirsty's friends marked, that is
 13 marked.
 14 A Yes.
 15 Q And then we will see Butt come into view, lashing out at
 16 customers with a knife.
 17 A Correct.
 18 Q Is it right this footage overlaps in time with the Erick
 19 Siguenza footage we looked at a moment ago?
 20 A Yes, that's correct.
 21 Q Play on, please.
 22 (video played)
 23 Pause here. We are now looking from the CCTV camera
 24 in Boro Bistro in which we saw Sébastien earlier,
 25 looking towards the stone archway starting at 22.08.11,

66

1 and I think we will see people running away from Butt
 2 and then we will see Zaghba coming around the back of
 3 the outside dining area over some plants to get at
 4 people.
 5 A Yes, sir, that's right. You will see Zaghba just to the
 6 left side of the screen.
 7 Q Thank you. Play on, please.
 8 (video played)
 9 Pause here. We are now seeing CCTV footage from
 10 a 133 bus travelling south down Borough High Street, the
 11 camera on the front of the bus with the footage starting
 12 at 22.08.25, and I think we will see on this footage
 13 that PCs McLeod and Marques move from the left of the
 14 screen as they cross the road towards the crashed van
 15 and we will also see Plamen Raychev crossing the road
 16 before he was attacked by Redouane?
 17 A That's correct.
 18 Q The attack isn't in the footage.
 19 A No.
 20 Q Play on, please.
 21 (video played)
 22 Pause here. We are now looking I think at footage
 23 from the CCTV camera mounted on the Post Office on
 24 Borough High Street.
 25 A Correct.

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1 Q And that -- if we look in the middle of the screen, can
 2 we see a building with long glass windows which is the
 3 Borough Kitchen Cook Shop?
 4 A That's correct.
 5 Q And then to the right of that, over to the right, Lobos
 6 restaurant near where Ignacio was attacked.
 7 A That's right.
 8 Q This is an important section running for three minutes
 9 and we will pause a few times. The time on screen is
 10 fast by just under one-and-a-half minutes and the
 11 correct start time of this footage is 22.07.22, just
 12 a few seconds after the van has crashed.
 13 A Yes, sir, that's right.
 14 Q Play on, please.
 15 (video played)
 16 In a moment we are going to see -- we see
 17 Charles Guenigault marked, and we will see
 18 Richard Livett and the attackers in the top right.
 19 Mr Livett coming down Borough High Street after being
 20 attacked near the van. Mr Livett has reached Lobos and
 21 then the Borough Kitchen. We then see Mr Guenigault
 22 rushing to Mr Livett's aid.
 23 A That's correct.
 24 Q Pause there. We have just seen three cyclists, or three
 25 cyclists coming into view; Ignacio the middle of them.

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1 A Correct.
 2 Q He is cycling north up Borough High Street and he has
 3 nearly reached Borough Kitchen?
 4 A That's correct.
 5 Q And we will see them stop just short of Lobos.
 6 A Yes, sir, that's right.
 7 Q Play on, please.
 8 (video played)
 9 Pause there, please. We now see PCs McLeod and
 10 Marques at the top right running to assist
 11 Richard Livett?
 12 A Correct.
 13 Q Play on, please.
 14 (video played)
 15 Pause here. We are now seeing a correct time,
 16 22.09.08, PC Marques starting to run north past Ignacio
 17 and towards the attackers.
 18 A Yes, that's correct. That's because Marie Bonneville
 19 and Oliver Dowling are being attacked at that point.
 20 Q That's obviously not visible on the screen.
 21 A That's correct.
 22 Q We will see some buses block the view briefly, and then
 23 we will see Mr Guenigault run north in a moment, but we
 24 will pause before that. Play on, please.
 25 (video played)

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1 Pause there. We see Mr Guenigault starting to head
 2 north and we will see Ignacio starting to get off his
 3 bike, followed by PC McLeod also running north?
 4 A That's correct.
 5 Q 22.09.13, real time.
 6 A That's right.
 7 Q Play on, please.
 8 (video played)
 9 Now, the buses have blocked the view for a moment.
 10 They will move apart in a moment. Pause there, please.
 11 Now, at this moment, as the buses move apart, we
 12 will see the attackers who can be seen for the first
 13 time on footage in about 30 seconds, 22.09.23.
 14 A Correct.
 15 Q If we focus carefully on the shots that follow, we will
 16 see Ignacio swinging the skateboard at Redouane, and
 17 then falling to the floor, being attacked by Redouane
 18 and Zaghba.
 19 A Yes, sir, that's right.
 20 Q And the attackers will then be marked. So play on,
 21 please.
 22 (video played)
 23 Pause there, please. We are now going to see the
 24 attackers going further on with Butt ahead, followed by
 25 Redouane and Zaghba.

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1 A Correct.
 2 Q We will see the bus obstruct our view again briefly, and
 3 then we will see Redouane and Butt attacking
 4 Charles Guenigault again before PC Marques pulls him
 5 away from them.
 6 A Yes, sir, that's right.
 7 Q Play on, please.
 8 (video played)
 9 There is the attack continuing. Now the attackers
 10 continue south at a jog.
 11 Pause here. I think we are now looking from the
 12 CCTV camera inside Lobos out at the pavement of Borough
 13 High Street?
 14 A Correct.
 15 Q The attackers will be coming from the north, which is to
 16 our left?
 17 A Yes, that's right.
 18 Q The real start time is 22.07.39?
 19 A Correct.
 20 Q First of all, we will see Mr Livett approach from the
 21 left, obviously injured.
 22 A Yes, that's right.
 23 Q Play on, please.
 24 (video played)
 25 Next, we will see Mr Guenigault running across the

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1 road to help Mr Livett. Then three members of staff of
 2 Lobos will go out to see what's going on. We are now,
 3 I think, seeing the first of the cyclists coming into
 4 view coming north?
 5 A Yes, that's correct.
 6 Q Pause there. I think we just saw PCs McLeod and Marques
 7 go past from left to right going to Mr Livett's
 8 assistance.
 9 A Yes, we did.
 10 Q We will then see the staff members come back inside
 11 Lobos, before reacting with obvious horror to events
 12 happening to the left. Is that the attack on
 13 Oliver Dowling and Marie Bonneville?
 14 A Yes, that's right.
 15 Q We will then see Ignacio, who is marked, come into view
 16 running towards the attackers.
 17 A Correct.
 18 Q Play on, please.
 19 (video played)
 20 So PC Marques and Charles Guenigault going to Oliver
 21 and Marie's assistance, followed by Ignacio?
 22 A Correct.
 23 Q Pause there. I think we just saw PC Marques come across
 24 the view, pursued by Butt.
 25 A Correct.

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1 Q Also in view, now in view, we can see Mr Guenigault
 2 falling , who has been stabbed, and in the moments that
 3 follow, we will see some very distressing images of Butt
 4 attacking him again.
 5 A Yes, you will, and you will see PC Guenigault trying to
 6 fight him off.
 7 Q We will then in a moment after that see Oliver Dowling
 8 come into view, apparently trying to distract Butt, and
 9 also PC McLeod.
 10 A Yes, that's correct.
 11 Q Play on, please.
 12 (video played)
 13 Then we saw Butt and Redouane waving their knives
 14 and heading down Borough High Street?
 15 A Correct.
 16 Q Followed by Zaghba?
 17 A That's correct sir, yes.
 18 Q Pause here. I think we are now looking from a slightly
 19 odd viewpoint, a CCTV camera inside Borough Kitchen
 20 looking down on to Borough High Street just south of
 21 Lobos. This footage starting in real time at 22.07.47.
 22 A Yes, sir, that's right.
 23 Q We will first of all see Mr Livett come into view who
 24 has been attacked to the north and then we will see
 25 Ignacio who is marked, stop his bike against the kerb.

73

1 A Correct.
 2 Q So this is just a viewpoint slightly south of the
 3 viewpoint we were looking at a few moments ago.
 4 A That's right, sir.
 5 Q Play on, please.
 6 (video played)
 7 And there is Ignacio. We will see PCs McLeod and
 8 Marques run past, going north towards the attackers to
 9 try to intervene, followed by Mr Guenigault.
 10 Then they move left again before engaging the
 11 attackers, and in a couple of seconds, we will see
 12 PC Marques take a swing at one of the attackers who is
 13 out of view.
 14 A Correct.
 15 Q We now see the attackers in view over Charles Guenigault
 16 who has been attacked, and the clip ends. Pause here.
 17 I think we are now going to see a number of pieces
 18 of footage of cameras showing the progress of the
 19 attackers south down Borough High Street towards
 20 Stoney Street?
 21 A Yes, that's right.
 22 Q This, I think, is footage from a camera in Borough
 23 Market Hall, just south from Borough Kitchen?
 24 A Correct.
 25 Q 22.09.40, showing Redouane and Zaghba, followed by Butt.

74

1 A Yes, sir, that's right.
 2 Q Play on, please.
 3 (video played)
 4 Pause there. We are looking at footage from a
 5 camera on London Bridge underground station facing north
 6 up Borough High Street and will show -- it will show the
 7 attackers on the opposite side of the road, crossing
 8 Bedale Street at exactly 22:10.
 9 A Correct.
 10 Q Play on, please.
 11 (video played)
 12 Pause here. This is a CCTV camera also on the
 13 underground station, a different camera from the last,
 14 facing Padella which is just south of Bedale Street.
 15 A Correct.
 16 Q We will see the attackers running past Padella, Redouane
 17 followed by Zaghba, then Butt?
 18 A Yes, sir, that's right.
 19 Q Play on, please.
 20 (video played)
 21 In the next clip we are looking at footage from
 22 a camera at the entrance to Borough Market which is next
 23 to Padella, so on the opposite side of the road from the
 24 last camera, and we will see Redouane, Zaghba and Butt
 25 moving south past the entrance.

75

1 A That's correct.
 2 Q Play on, please.
 3 (video played)
 4 Pause here. We are now looking at footage from
 5 a camera mounted on the front of NatWest Bank which is
 6 on Southwark Street just after Borough High Street has
 7 forked into that street?
 8 A Correct.
 9 Q The clip starting at 22.10.20, and showing the attackers
 10 passing the bank at a run with Redouane in the lead.
 11 A Correct.
 12 Q Play on, please.
 13 (video played)
 14 Pause here. We are now, I think, looking at CCTV
 15 from a 344 bus travelling north near the junction of
 16 Southwark Street and Stoney Street, which is just south
 17 of the last images. The camera on the bus is facing to
 18 the rear, the time is 22.10.26, and we will see Redouane
 19 come into view, bend down to tie his laces, then move
 20 on, followed by the others, with Butt pointing with
 21 a knife.
 22 A Yes, sir, that's right.
 23 Q We will then just see Redouane start to attack a man
 24 seated at a table outside Tapas Brindisa restaurant, and
 25 that is Brett Freeman?

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1 A That is, yes, sir.
 2 Q That attack will be clear in the next clip.
 3 A Yes, sir.
 4 Q We will also, I think, see a man come into view from the
 5 right and throw a chair at Butt?
 6 A Correct.
 7 Q Can you tell us who that was?
 8 A I think his name was Mr Vowls.
 9 Q Yes, Gerard Vowls.
 10 A Thank you.
 11 Q If we play on, please.
 12 Pause here. Footage from a camera at the front of
 13 Tapas Brindisa, real time 22.10.34, and this contains
 14 some distressing images. Mr Freeman getting up from his
 15 seat, being stabbed by Redouane three times in the back,
 16 we then see him move away, throw his drink back at
 17 Redouane before moving off?
 18 A That's correct.
 19 Q We will then see the attackers crossing Stoney Street,
 20 attacking Mr O'Neill outside the Southwark Tavern.
 21 A Correct.
 22 Q We will see more clearly that image of Mr Vowls throwing
 23 the chair at Butt?
 24 A Yes, sir, that's right.
 25 Q Play on, please.

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1 (video played)
 2 Pause. We are now seeing footage from an internal
 3 camera within Tapas Brindisa showing the same sequence
 4 of events with Mr Freeman throwing his drink and then
 5 a close up view of the attackers as they walk past, and
 6 we will see this time the knives in their hands very
 7 clearly visible.
 8 A Yes, sir.
 9 Q Play on, please.
 10 (video played)
 11 Pause here. This is one of the cameras mounted on
 12 the roof of Borough Market looking down Stoney Street
 13 towards the end from which the attackers enter.
 14 A Correct.
 15 Q We will see Redouane crossing the road followed the
 16 others to attack Mr O'Neill, Mr Vowls throwing the chair
 17 and the attackers then moving up Stoney Street.
 18 A Yes, that's correct.
 19 Q And we will pause just at that point. So play on,
 20 please.
 21 (video played)
 22 Pause here, please. We are just starting to see
 23 Redouane approaching a man outside a building with the
 24 sign, "WOKIT".
 25 A Correct.

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1 Q Is this an instance where the attackers confronted
 2 somebody but didn't attack him?
 3 A Yes, that's right, sir. There is clearly some form of
 4 discussion. We don't know what is said, we never
 5 identified that man and regardless of appeals for
 6 a witness, he never came forwards.
 7 Q At the end of the clip I think Mr Vowls will reappear
 8 and once again throw something else at the attackers?
 9 A Correct.
 10 Q Play on, please.
 11 Pause here. We are now looking from another CCTV
 12 camera on Stoney Street, looking towards the opposite
 13 end, towards the north end of Stoney Street, 22.10.58 is
 14 the start time, the real time, and we will see the
 15 attackers come into view, Redouane having had the
 16 exchange with the unidentified man outside WOKIT, and we
 17 will then see, I think, the attackers approaching the
 18 front of the Wheatsheaf where they attack Gavin Stacey
 19 and Sashan Flanders?
 20 A Correct.
 21 Q We will, at the end of the clip, just see them
 22 approaching the door of El Pastor.
 23 A That's right.
 24 Q Play on, please.
 25 (video played)

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1 Pause there. Is this a clip from a camera looking
 2 down at the front of El Pastor picking up from the last
 3 clip, now 22.11.30?
 4 A Yes, it is.
 5 Q We will see, I think, Redouane and Zaghba come into view
 6 followed by Butt, and all the attackers go towards the
 7 entrance before leaving, having been unable to enter.
 8 A Correct.
 9 Q Play on, please.
 10 (video played)
 11 Pause here. We are now looking at images from
 12 a camera within Borough Market facing across
 13 Stoney Street, 22.11.57 in real time, picking up from
 14 the last clip, and we will see the attackers marked
 15 coming north up Stoney Street past Monmouth Coffee
 16 Company?
 17 A That's right.
 18 Q Play on, please.
 19 (video played)
 20 Pause here. We are now, I think, looking at footage
 21 from a CCTV camera in the dining area of Black and Blue,
 22 the footage starting in real time at 22.12.47, and we
 23 are going to see the customers reacting to events
 24 outside?
 25 A Correct.

80

1 Q The attackers marked out as they approach, and then at
2 the end of the clip, the customers gathering to leave.
3 A Yes, that's right.
4 Q Play on, please.
5 (video played)
6 Pause here. We are now, I think, looking at footage
7 from a CCTV camera mounted outside the main entrance to
8 Black and Blue, looking down at some tables outside.
9 A Correct.
10 Q Footage starting at 22.12.22 in real time before the
11 start time of the last clip.
12 A Correct.
13 Q We will just see the attackers approach Elliott's Cafe
14 across the road where we know they entered and attacked
15 some customers.
16 A That's correct, sir.
17 Q We will see Butt come into view carrying his red jacket.
18 A Correct.
19 Q We will see Redouane leave Elliott's.
20 A Correct.
21 Q Then we will pause as the attackers are approaching the
22 entrance to Black and Blue, so play on, please.
23 (video played)
24 Pause here please. This, in real time, I think, is
25 22.13.06. The attackers are approaching the entrance to

81

1 Black and Blue with Butt followed by Zaghba and
2 Redouane.
3 A Yes, sir, that's correct.
4 Q We can see Butt has discarded his red jacket.
5 A Correct.
6 Q And we can see the mock suicide belts over his T-shirt
7 and the equivalent belts worn by Zaghba and Redouane.
8 A Yes, sir, that's right.
9 Q We will also see towards the end of this clip the three
10 attackers forcing the sliding doors at the front of
11 Black and Blue as you described.
12 A Yes, that's correct.
13 Q Play on, please.
14 (video played)
15 Pause, please. We are now going to look at some
16 footage showing some of the most distressing images in
17 the compilation. This a camera within Black and Blue
18 overlooking the bar area inside the entrance doors, and
19 I think we can see marked out the long table Mr Larner?
20 A Correct.
21 Q And opposite him, Michael Hickson senior and Michael
22 Hickson junior.
23 A Yes, that's right. They managed to escape around the
24 back of the bar and out.
25 Q We will see them escape, indeed. And we will see to the

82

1 right of the screen how the attackers forced the doors
2 off the runners at the bottom and enter the restaurant.
3 A Correct.
4 Q We will see them enter, gesticulating with their knives,
5 we will see the attack on Mr Larner, first by Redouane
6 then by Zaghba.
7 A Yes, sir, that's right.
8 Q As you have told us, Mr Larner survived his injuries,
9 thankfully.
10 A He did, yes.
11 Q We will see while Mr Larner is being attacked, at the
12 left-hand side of the screen, Khuram Butt having an
13 exchange with Geoffrey Ho, gesturing for him to get down
14 before moving out of screen.
15 A Correct.
16 Q And then Zaghba and Redouane going to join Butt out of
17 view to attack Mr Ho.
18 A That's correct, and Gavin Joseph was in the alcove.
19 Q Play on, please.
20 (video played)
21 Pause here. This is a CCTV camera at the same area,
22 now over the bar, showing the events of the previous
23 clip from a different viewpoint.
24 A Correct.
25 Q The real time, 22.13.11.

83

1 A Yes, that's right.
2 Q We will see the attackers enter, and we will see
3 Mr Joseph and Mr Ho under the archway being marked.
4 A Correct.
5 Q We will see Butt approaching Mr Ho and speaking to him
6 while the Hicksons make their escape.
7 A Yes, that's right.
8 Q The attack on Mr Larner will be obscured by the foliage
9 to the left of the screen.
10 A Correct.
11 Q We will see Butt make Mr Ho get down and then attack
12 him.
13 A Yes, that's right.
14 Q And we will then see the attacker set on Mr Ho and
15 Mr Joseph.
16 A Correct.
17 Q Once again, some very distressing imagery.
18 Play on, please.
19 (video played)
20 After these attacks we see them move back into and
21 around the bar area, Zaghba goes behind the bar and
22 drinks from the tap, and then we see, in a chilling
23 gesture, Butt washes his knife and wipes it on his
24 beard.
25 A Yes, that's right.

84

1 Q Pause there, please. We are now looking at footage from
 2 a camera inside the dining area of Black and Blue,
 3 adjacent to the bar area, following on from the last
 4 clip.
 5 A That's correct.
 6 Q We will see, I think, a couple of remaining customers
 7 heading for the exit door, although most have already
 8 left.
 9 A Yes, sir.
 10 Q We will then see Butt, Redouane and Zaghba going towards
 11 the exit.
 12 A That's right.
 13 Q And Redouane picking up a bottle and breaking it.
 14 A Correct.
 15 Q Play on, please.
 16 (video played)
 17 Then the final footage from inside Black and Blue,
 18 this is another camera inside the main dining area,
 19 overlapping with the last clip. We will see the two
 20 customers make their escape through the exit door, then
 21 the three attackers move through. We will see both
 22 Redouane and Butt smash bottles, and Butt keeping the
 23 top of -- the top section. we will then see all three
 24 moving back down Stoney Street through the windows.
 25 A Yes, sir, that's right.

85

1 Q Play on, please.
 2 (video played)
 3 Pause here. We are now going to see some mobile
 4 phone footage filmed by Paul Clarke, a member of the
 5 public. I'm just thinking, sir, this will probably take
 6 more than four or five minutes. Would it be convenient
 7 to take a slightly early lunch break?
 8 THE CHIEF CORONER: Yes. We will pause there, Mr Hough.
 9 Can I -- it was just one thing I was going to say. I'm
 10 conscious that once we have finished with Detective
 11 Superintendent Riggs' evidence, we are then going to
 12 deal specifically with the compilation that deals with
 13 the first of the victims, but tomorrow we are then going
 14 to move on to evidence given by a number of
 15 eyewitnesses. I have been extremely impressed with the
 16 press coverage, not only of the Westminster Bridge
 17 Inquest but also this Inquest, but it seems to me
 18 important that I simply ask all of those from the press
 19 who are present in court and many I know who are
 20 watching these proceedings elsewhere, who may well wish
 21 to speak to those who come to this court to assist me in
 22 my task by giving evidence, and I'm sure that they will
 23 be very careful in any approach they make, because
 24 obviously, coming to court to give evidence can be an
 25 ordeal for many people, particularly if they are being

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1 asked to go back over events that they have covered, and
 2 I would hate to hear of any complaint by a witness
 3 coming that they feel as if there has been any intrusive
 4 approach to them, so I would simply just ask that the
 5 same care which has clearly applied in the Westminster
 6 Bridge Inquest applies to equally every person who comes
 7 to this Inquest to give evidence.
 8 MR HOUGH: Sir, I'm sure everyone understands the
 9 vulnerability of some of these witnesses.
 10 THE CHIEF CORONER: I just thought, as we have been watching
 11 some of the footage, which inevitably shows in slightly
 12 more graphic detail than the still images or, indeed,
 13 the animations we watched, it is important that I simply
 14 made that comment at this stage.
 15 Thank you. 2 o'clock.

16 (12.57 pm)

(Luncheon adjournment)

17 (2.05 pm)

18 MR HOUGH: Detective Superintendent, we had just finished
 19 dealing with events in Black and Blue restaurant, and we
 20 are now going to see some footage filmed by a member of
 21 the public, Paul Clarke, on his mobile phone showing the
 22 attackers in Stoney Street and then in Middle Road.
 23 This is a clip running for about three minutes from
 24 22.14.56 to 22.17.28. Those are real times but there
 25

87

1 obviously isn't a time print on the footage itself.
 2 There is some audio on this footage which will include
 3 sounds of gunshots, and there will be some imagery of
 4 people wounded on the footage.
 5 A That's correct, yes.
 6 Q The footage will begin looking from the market across
 7 Stoney Street and we will see Butt and Zaghba come into
 8 view.
 9 A Yes, sir, that's correct.
 10 Q If we can play on and we will pause at various points.
 11 (video played)
 12 Pause, please. So Mr Clarke is in Middle Road
 13 looking towards Stoney Street. Butt and Zaghba have
 14 just come into view having just left Black and Blue,
 15 coming south?
 16 A Yes, sir, that's right.
 17 Q Now, what we are going to see now is Mr Clarke retreat
 18 into Middle Road as Butt and Zaghba advance; yes?
 19 A Yes.
 20 Q We will then see PCs Tchorzewski and Andrews, who will
 21 be marked on the footage, advancing down Middle Road on
 22 the attackers and speaking into their radios?
 23 A Yes, sir, that's correct.
 24 Q We will hear some shouts of the word, "Trojan". Is that
 25 a reference to armed officers?

88

1 A Yes, sir, it is.
 2 Q We will then see the attackers advance, and Khuram Butt
 3 throw something at PC Tchorzewski.
 4 A Yes, that's right.
 5 Q That, I think, has been assessed as probably being the
 6 bottle neck he picked up.
 7 A Correct.
 8 Q We will see Redouane come into view and PC Rae in
 9 Middle Road before the attackers charge the three
 10 officers and Mr Clarke.
 11 A Yes, that's right.
 12 Q So play on, please.
 13 (video played)
 14 Pause there, please. Now, is this right, the last
 15 jerky imagery was Mr Clarke and the officers running
 16 back down Middle Road to the other end of Borough
 17 Market?
 18 A Yes, that's right.
 19 Q We have now reached a point where we are at the other
 20 side of the market in Bedale Street; is that right?
 21 A That's correct.
 22 Q The officers and PC Balfour will come back into view and
 23 then they will start to return down Middle Road towards
 24 Stoney Street; is that right?
 25 A That's right.

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1 Q Mr Clarke, who has the mobile phone, will remain looking
 2 down Middle Road with Stoney Street at the far end
 3 before he starts to go back down Middle Road; is that
 4 right?
 5 A Yes, sir. That's right.
 6 Q Play on, please.
 7 (video played)
 8 Pause, please. Now, Mr Clarke, holding the mobile
 9 phone, has moved down Middle Road through the market
 10 towards Stoney Street again.
 11 A Correct.
 12 Q And as he emerges into Stoney Street, is this right, we
 13 will see the blue lights of the first armed response
 14 vehicle, the City of London Police vehicle, at the far
 15 end of the street and we will hear the first gunshots.
 16 A Yes, that's correct.
 17 Q Mr Clarke will retreat a little for cover, and then we
 18 will see the armed response vehicle rolling forward.
 19 A That's right.
 20 Q And just to be clear, when we are seeing that, there
 21 won't be any officers inside, that's the period when it
 22 is rolling forward because the brake wasn't applied.
 23 A That's right, sir, yes.
 24 Q And that will be brought to a halt by furniture, before
 25 Mr Clarke goes back into the market.

90

1 A Correct.
 2 Q So we can play on, please.
 3 (video played)
 4 Pause here, please. Is this right, the next clip we
 5 are going to see is body worn video footage from
 6 PC Balfour, one of the officers we saw in that last
 7 clip?
 8 A That's correct, yes.
 9 Q There will again be some audio on this footage.
 10 A Yes, that's correct.
 11 Q The footage, I think, will cover the period from
 12 22.15.27 to 22.18.27.
 13 A Correct.
 14 Q The clock on the screen being exactly one hour behind
 15 real time.
 16 A That's right, yes.
 17 Q So it overlaps substantially with Mr Clarke's recording;
 18 yes?
 19 A It does.
 20 Q And it too shows events from the perspective of someone
 21 in the market area.
 22 A Correct.
 23 Q We will first of all see PC Balfour running up Middle
 24 Road away from the attackers and then emerging into
 25 Bedale Street?

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1 A Yes, that's right.
 2 Q We will then see PC Balfour following PCs Andrews and
 3 Tchorzewski back into Middle Road.
 4 A Correct.
 5 Q We will see that Mr Tchorzewski has been cut on the head
 6 where Butt threw the bottle top at him?
 7 A Yes, sir, that's right.
 8 Q And then as we emerge into Stoney Street, we will pause
 9 the video. So if we play on, please.
 10 (video played)
 11 Pause there, please. Now, we are just emerging into
 12 Stoney Street, is that right?
 13 A Correct.
 14 Q And we will see at the far end, once again, the blue
 15 lights of the first armed response vehicle.
 16 A Yes, that's right.
 17 Q We will see Butt and Redouane over to the left near the
 18 market where they are attacking Mr Filis.
 19 A Correct.
 20 Q And they will be marked on the footage.
 21 A Correct.
 22 Q We will hear gunshots as the armed officer approaches.
 23 A Yes, sir, that's right.
 24 Q And we will then see from the perspective of PC Balfour,
 25 him returning into Middle Road, taking cover and telling

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1 bystanders to do the same.
 2 A That's right.
 3 Q We will then see Mr Filis , who has been attacked,
 4 entering the view, and he is marked, and we will see his
 5 injuries .
 6 A Yes, we will.
 7 Q And we will see PC Balfour take him back through the
 8 market towards Bedale Street and safety .
 9 A That's right.
 10 Q Play on, please.
 11 (video played)
 12 Pause here, please. I think we are now going to
 13 look at a series of views from Borough Market cameras
 14 overhead which show the arrival of the armed response
 15 vehicle and the armed officers engaging the subjects
 16 beginning around the time the last clip started.
 17 A Yes, sir, that's right.
 18 Q And first of all , we are going to see some footage from
 19 some Borough Market cameras of the attackers going down
 20 Middle Road from a different perspective than those we
 21 have just been watching.
 22 A Correct.
 23 Q So if we can play on, first of all , we will look at
 24 a camera in the market where Middle Road emerges into
 25 Stoney Street .

93

1 (video played)
 2 We see the attackers entering Middle Road, before
 3 charging the officers and members of the public.
 4 Then next, a camera further into the market, looking
 5 down Middle Road towards Bedale Street with the
 6 attackers charging the officers .
 7 A Yes, sir, that's right.
 8 Q Pause here. A camera further into the market, pointing
 9 in the opposite direction towards Stoney Street showing
 10 the officers and the bystanders running away from the
 11 suspects. We will see the attackers follow, then turn
 12 back towards Stoney Street .
 13 A Correct.
 14 Q Play on, please.
 15 (video played)
 16 Pause here. A camera over Middle Road at the
 17 Stoney Street end showing the attackers coming back into
 18 Stoney Street from Middle Road.
 19 A That's right.
 20 Q Play on, please.
 21 (video played)
 22 Pause here. We are just about to see from footage
 23 of a camera over the junction between Middle Road and
 24 Stoney Street the attackers coming out on to
 25 Stoney Street just before the first armed response

94

1 vehicle arrives .
 2 A Correct.
 3 Q Timed at 22.15.53.
 4 A That's right, sir .
 5 Q Just about one minute before the attackers were shot.
 6 A Correct.
 7 Q Play on, please.
 8 (video played)
 9 We can just see in the distance the blue lights of
 10 the first vehicle .
 11 Pause here, please. I think we are now about to see
 12 a 10-minute section of footage showing the arrival of
 13 the armed officers and the confrontation with the
 14 attackers .
 15 A That's correct.
 16 Q This is from a camera at the south end of Stoney Street
 17 close to the Southwark Street end.
 18 A That's right .
 19 Q Some of the officers ' faces have been obscured where
 20 necessary to preserve their anonymity.
 21 A That's correct.
 22 Q The footage will begin 22.16.12 real time. The clock on
 23 the footage is 23 seconds behind.
 24 A Correct.
 25 Q After we watch this clip , we will see another clip

95

1 showing a zoomed-in section which will show the
 2 attackers for the same time period, and we will watch
 3 the first part of that as well, please.
 4 First of all , we see the attackers moving down
 5 Stoney Street towards the camera, having just come out
 6 of Middle Road. If we play that .
 7 (video played)
 8 Pause here. We see they are just approaching the
 9 Wheatsheaf on the opposite side of the road, and we will
 10 see Butt kicking the door.
 11 A Correct.
 12 Q Play on, please.
 13 (video played)
 14 Pause here. Can we just see crossing the road
 15 Antonio Filis just south of where the attackers are?
 16 A Yes, that's right .
 17 Q We are now, I think, 22.16.33 real time.
 18 A Correct.
 19 Q We will see the attackers move towards and start to
 20 attack him.
 21 A Yes, they do.
 22 Q Play on, please.
 23 (video played)
 24 Pause there, please. We are now at 22.16.41 real
 25 time, and can we see the City of London Police response

96

1 vehicle approaching while the attack is actually going
 2 on?
 3 A Yes, that's right.
 4 Q And is this right, we will see the front passenger door
 5 opening and BX46 getting out?
 6 A Correct.
 7 Q The driver's side doors opening and the other two
 8 officers, BX44 and BX45, getting out?
 9 A Yes, sir, that's right.
 10 Q We will see the armed response vehicle continue to roll
 11 forwards.
 12 A Correct.
 13 Q Over on the left, we will see BX46 confront Butt and
 14 Butt runs towards him?
 15 A Yes, that's right.
 16 Q And we will see Butt shot and collapse by the
 17 Wheatsheaf, as you have told us, 22.16.50?
 18 A Correct.
 19 Q At the same time over on the right, we will see Redouane
 20 and Zaghba advance close to BX45 and BX44 before those
 21 two attackers fall to the ground.
 22 A That's right.
 23 Q Play on, please.
 24 (video played)
 25 Pause there. Have we seen, as you described

97

1 earlier, the armed response vehicle continue to move
 2 through during that period?
 3 A Yes, that's right.
 4 Q And we have seen the speed at which the events happened
 5 which you described stage-by-stage with reference to the
 6 plans.
 7 A Correct.
 8 Q Did we see just a moment ago that BX44, one of the
 9 officers involved in the confrontation with Redouane and
 10 Zaghba, had to get up off the floor?
 11 A That's correct, he fell over.
 12 Q And at the moment, can we see BX45 and BX44 holding
 13 cover over Redouane and Zaghba who are just out of view
 14 on the right of shot?
 15 A Correct.
 16 Q With BX46 just outside the Wheatsheaf keeping cover over
 17 Butt?
 18 A Yes, that's right.
 19 Q Play on, please.
 20 (video played)
 21 Pause there. It is now 22.17.04 real time. Can we
 22 see now in view the first Metropolitan Police armed
 23 response vehicle has come up Stoney Street?
 24 A Yes, sir, that's correct.
 25 Q So just after the suspects have been shot and are being

98

1 covered.
 2 A That's right.
 3 Q I think we will see AY14 and BY28, two anonymised
 4 officers, come out of the vehicle, both with their
 5 firearms ready.
 6 A Correct.
 7 Q And we will see them provide further cover over Redouane
 8 and Zaghba.
 9 A Yes, sir, that's right.
 10 Q We will see E122, the third officer in that vehicle get
 11 out of the driver's seat.
 12 A Correct.
 13 Q We will see another armed officer, E59, approach on foot
 14 up Stoney Street, also providing cover.
 15 A Correct.
 16 Q Play on, please.
 17 (video played)
 18 If you could pause there, please. We have seen the
 19 officers in the last few seconds on the shot moving
 20 back, and we will see them continue to move back behind
 21 the armed response vehicle.
 22 A Yes, sir, that's right.
 23 Q Is this the period of time that you referred to earlier
 24 where the officers move back to take cover because they
 25 had seen the apparent suicide belts?

99

1 A Yes, sir, that's right.
 2 Q Over the next few minutes will we see on screen a number
 3 of points at which the attackers make small movements?
 4 A Yes, you will.
 5 Q Play on, please.
 6 (video played)
 7 We can now see a ballistic shield in view being used
 8 just behind the vehicle for further protection.
 9 A That's correct.
 10 Q I think we can see the officers with some form of torch
 11 on the firearms to keep a proper view on the suspects.
 12 A Yes, sir, that's right.
 13 Q BX45 and BX46 just relieved and going off through the
 14 market along with other officers.
 15 A Yes, that's correct.
 16 Q You have described to us how armed officers fanned out
 17 looking for further potential attackers.
 18 A Correct.
 19 Q Now I think quite shortly we will see Redouane's feet
 20 moving and his legs continue moving.
 21 A Yes, you will.
 22 Q And then we will see two of the officers on opposite
 23 sides of the car shooting at Redouane.
 24 A Correct.
 25 Q And we can actually see some evidence on the footage of

100

1 shots being fired at those moments.
 2 A Yes, that's right.
 3 Q The sequence starts in about 30 seconds.
 4 If we focus on Redouane, the striped figure further
 5 up the road towards the armed response vehicle at the
 6 other end, now marked, and if we focus on his legs, we
 7 will see them move.
 8 A His foot is moving now.
 9 Q And in a few seconds we will see the shots fired.
 10 There.
 11 A That's right.
 12 Q And then we will see in another ten seconds or so,
 13 officers on the left side of the ARV fire shots at Butt.
 14 A Correct.
 15 Q There.
 16 A Correct.
 17 Q Now at just past 10:24, can we see some more firearms
 18 officers arriving and relieving some of their
 19 colleagues?
 20 A Yes, that's right.
 21 Q Again, a number of these officers holding ballistic
 22 shields because of concerns about explosives?
 23 A Correct.
 24 Q So we see the officers first gathering behind the hard
 25 cover of the vehicle.

101

1 A That's right.
 2 Q And then we will see them gradually withdrawing.
 3 A Correct.
 4 Q I think the end of that clip was 22.25.53 real time.
 5 A Correct.
 6 Q Just before 10:26. Pause here, please.
 7 We are now going to look at the first part of the
 8 same footage but now zoomed in on the area of the
 9 attackers. We are only going to look at the first part
 10 of this footage now.
 11 A That's right.
 12 Q We can play on, please.
 13 (video played)
 14 We are seeing the attackers coming down
 15 Stoney Street, approaching the Wheatsheaf and Butt
 16 kicking the door. Mr Filis crossing the street and
 17 being set upon. The armed response vehicle arriving.
 18 The confrontation with the suspects.
 19 A That's right.
 20 Q The Metropolitan Police Service response vehicle.
 21 We saw clearly there that one of the officers
 22 checked Redouane before the others moved away.
 23 A That's right.
 24 Q Can we pause there?
 25 Oli, is it possible to go to the final clip which is

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1 at tape counter 52:32? As I say, Superintendent Riggs,
 2 we may look again at that footage later.
 3 Are we now about to look at a series of still
 4 pictures taken by a witness called Sergio Aboy, from an
 5 upstairs window at Arthur Hooper's restaurant in
 6 Stoney Street?
 7 A Yes, that's right, sir.
 8 Q Will we effectively see, through these images, a slow
 9 motion depiction of the confrontation with the
 10 attackers?
 11 A That's right, yes.
 12 Q If we can play on, and we will stop at each image.
 13 Pause there. So we are looking south down
 14 Stoney Street and we can see Mr Filis before he crosses
 15 the road.
 16 A Correct.
 17 Q Next image. Mr Filis there crossing the road. He can't
 18 see the attackers because they are out of view next to
 19 the Wheatsheaf on the right; is that right?
 20 A That's right, yes.
 21 Q Next image, please. Mr Filis continuing to cross the
 22 road. Next image, please. And the next. And the next
 23 image, please. Now just pausing there, can we now see
 24 Redouane and Butt moving across the road towards
 25 Mr Filis, having noticed him?

103

1 A Yes, you can.
 2 Q Next image, please. We now, is this right, have
 3 Redouane coming quite close to Mr Filis before the start
 4 of the attack?
 5 A Yes, that's right.
 6 Q Next image, please. Pause there. Can we now see that
 7 Redouane and Butt are close to Mr Filis, about to start
 8 the attack on him, with the ARV coming up the road?
 9 A Yes, that's right.
 10 Q Next image, please. Pause there. Is the attack now
 11 beginning on Mr Filis with Butt attacking him with
 12 a knife?
 13 A Yes, that's correct.
 14 Q Next image, please. We can see Mr Filis going to the
 15 ground as the attackers are around him.
 16 A That's right.
 17 Q And the next image. Mr Filis further down and still
 18 being attacked.
 19 A Yes. Surrounded by all three.
 20 Q And the next image, please. Can we now see that
 21 PC Tchorzewski is running towards the attackers just as
 22 we saw in some of the body worn and mobile phone
 23 footage?
 24 A Yes, sir, that's right.
 25 Q The attack is continuing, the armed response vehicle is

104

1 coming up the road. It's not possible to see the
 2 passenger side, and the driver's side door is still
 3 closed.
 4 A Correct.
 5 Q Next image, please.
 6 We can now see in the next instant that the
 7 passenger door is now in view and open with BX46 visible
 8 just by that door.
 9 A That's right.
 10 Q The attack is actually continuing.
 11 A Correct.
 12 Q Next image, please.
 13 We can now see just a moment later with the
 14 attackers just starting to move away from Mr Filis.
 15 A That's correct, sir.
 16 Q Next image, please. Can we now see BX46, with his face
 17 obscured, just close the door and is advancing with his
 18 weapon raised?
 19 A Correct.
 20 Q The attackers are now moving away from Mr Filis in
 21 towards the market.
 22 A That's right.
 23 Q Next image, please.
 24 In this next instant, can we see the other doors of
 25 the ARV are opening?

105

1 A Yes, that's right.
 2 Q The attackers have all -- or are all disengaging from
 3 the attack on Mr Filis --
 4 A Correct.
 5 Q -- and we have the various people marked out.
 6 A Yes, that's right.
 7 Q Next image, please.
 8 All the attackers now away from Mr Filis. The
 9 police officers not as clearly in view now.
 10 A That's right, and there is members of the public that
 11 are throwing the street furniture at the attackers.
 12 Q We saw some signs of that from the body worn and mobile
 13 phone footage.
 14 A That's right, sir, yes.
 15 Q Next image, please.
 16 Pausing here, we can just see in front -- between us
 17 and the headlights of the vehicle, BX46 is moving across
 18 towards the attackers.
 19 A Correct.
 20 Q Butt appears to be looking towards him and moving his
 21 arms.
 22 A That's right.
 23 Q Mr Filis is between them.
 24 A That is right.
 25 Q Next image, please.

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1 In this image, the officer, BX46, has clearly got
 2 his weapon raised and is moving further towards Butt who
 3 is still looking towards him.
 4 A That's correct.
 5 Q BX44 and BX45 have emerged from the driver's side of the
 6 ARV.
 7 A That's right.
 8 Q Next image, please.
 9 Now in this image, can we see BX46 has moved
 10 a little further forward, now closer to Mr Filis?
 11 A Correct.
 12 Q Butt is now starting to move towards him.
 13 A That's correct.
 14 Q BX45 and BX44 for their part are clearly out of the
 15 armed response vehicle.
 16 A Yes, that's right.
 17 Q Next image, please.
 18 Can we now see that Butt has moved further towards
 19 BX46 with Mr Filis on the ground between them as BX46 is
 20 holding up his weapon over him.
 21 A Correct.
 22 Q Redouane and Zaghba, meanwhile, are around the corner,
 23 slightly behind Butt.
 24 A Yes, that's right.
 25 Q Next image, please.

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1 Is this right, that Butt has moved further towards
 2 BX46?
 3 A Correct.
 4 Q Who seems either to be standing his ground or to have
 5 slightly moved back?
 6 A That's correct.
 7 Q He still has his gun pointed towards Butt.
 8 A Yes, that's right.
 9 Q And the next image, please. I think this is the final
 10 image in the sequence. Butt has moved further towards
 11 BX46, no more than a few metres between them. We can't
 12 see clearly whether Butt has been shot or is about to be
 13 shot?
 14 A That's right.
 15 Q If we compare this image to the last image, can we see
 16 clearly that BX46 has been moving back between the
 17 images?
 18 A Yes, that's right.
 19 Q Creating distance between them.
 20 A That's correct, and Butt closing in on him.
 21 Q Meanwhile, can we see over on the left of the image that
 22 Redouane and Zaghba are starting to move towards the
 23 other armed officers?
 24 A Yes, that's right.
 25 Q And that the armed response vehicle has been rolling

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1 forwards and is about to move between Butt and the other
2 attackers.

3 A Correct.

4 Q I think that's the last of the pictures. We can take
5 that off screen.

6 That's all of the compilation I propose to deal with
7 today.

8 May I ask you now some questions about the scale and
9 conclusions of your investigation, and I'm looking at
10 section 13 of your report on page 57.

11 First of all, could you please give us an idea of
12 the scale of the police response to the attack and the
13 volume of material produced by your investigation?

14 A So the police response to the incident involved over
15 1,500 officers. That included officers from the British
16 Transport Police, the City of London Police and the
17 Metropolitan Police. This investigation has generated
18 over 6,100 exhibits, and over 10,000 documents have been
19 reviewed. More than 2,800 statements have been taken
20 and over 4,700 people have some registered involvement.

21 Q The CCTV footage we have seen is but one part of a
22 careful selection of a huge amount of footage. Is that
23 right?

24 A Yes, sir, that's right.

25 Q Can you give us an idea of the scale of the CCTV

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1 collection exercise and the scale of the work done to
2 review that material?

3 A So we collected over 300 CCTV exhibits. That required
4 an entire team of 12 officers to review it over a period
5 of six months. For a further four months, I had eight
6 officers reviewing that material, which roughly
7 translated amounts to about 9,500 hours.

8 Q And it was only through that exercise that you have been
9 able to identify people and movements and times and to
10 tally up times in the very careful way that has been
11 shown by your evidence.

12 A It has been meticulous work by the officers sir, yes.

13 Q Your investigation, as you told us at the outset of your
14 evidence, involved considering whether others were
15 involved in the attack and looking to arrest and charge
16 as appropriate.

17 A Yes, sir, that's correct.

18 Q How many people were arrested in connection with the
19 attack?

20 A There were 22 other people arrested.

21 Q In the event, was anyone else charged?

22 A No, sir. All of those people were released without
23 charge.

24 Q In addition, did your officers search a number of
25 premises and vehicles?

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1 A Yes, sir. We searched 23 addresses and 10 vehicles.

2 Q So an investigation of enormous scale and scope?

3 A Yes, sir. Like nothing I have ever known before in my
4 entire career.

5 Q And I think you will be giving evidence at a later stage
6 for more detail about that investigation.

7 A Yes, sir. That's correct.

8 MR HOUGH: Sir, those are all the questions I have at this
9 stage.

10 Thank you very much, officer.

11 THE CHIEF CORONER: Thank you. Mr Patterson and Mr Adamson,
12 I don't know which of you is planning to go first.

13 Technically Mr Adamson may appear first but I know,
14 gentlemen, from the last inquest you very properly
15 divided up areas which were common to all of the
16 families between the two of you, which I commended, and
17 I do the same this time. I don't expect each of you to
18 raise the same points. Equally, Mr Patterson,
19 addressing you, I'm conscious at the moment Detective
20 Superintendent Riggs has effectively set the scene for
21 the more detailed evidence that we are going to look at
22 when it comes to examining, first of all, those
23 witnesses who give eyewitness accounts of what they saw
24 on the night, and probably more detailed consideration
25 of the footage that we have looked at.

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1 MR PATTERSON: That's right.

2 THE CHIEF CORONER: And I was reminding myself this morning
3 of the approach, certainly, Mr Patterson, you took, and,
4 Mr Adamson, I'm fairly sure took the same approach, at
5 this stage with the equivalent to DS Riggs in the
6 previous inquest, of confining your questions at this
7 stage to really general questions which might assist me
8 when we come to look at those specific accounts.

9 MR PATTERSON: Yes.

10 THE CHIEF CORONER: I'm not, Mr Patterson, don't get me
11 wrong, I'm not trying to clip your wings or prevent you
12 from asking certain questions, I'm just trying to
13 explain to the wider public who are watching this, the
14 process that we are going through, that it may well be
15 that there are detailed questions that you would like
16 this officer to deal with which naturally might come
17 later on in this process. Equally, there may be
18 questions that you ask DS Riggs that she effectively
19 says, "I'm going to need to check that, Mr Patterson".

20 MR PATTERSON: That's right, and I'm conscious of that, and,
21 indeed, with the agreement of Mr Hough, I have notified
22 the witness of the general topics that I would like her
23 assistance with at this stage.

24 Questions by MR PATTERSON QC

25 MR PATTERSON: Superintendent, can I make it clear that the

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1 questions I ask are on behalf of six of the families of
 2 those killed in the attack, Christine Archibald, driven
 3 over on the bridge, and the five young people who were
 4 stabbed to death near the courtyard of the Boro Bistro,
 5 so Sara Zelenak, James McMullan, Sébastien Bélanger,
 6 Alexandre Pigeard and Kirsty Boden.
 7 A Yes, sir, I understand that.
 8 Q Beginning with the driving over the bridge, I think it's
 9 right, isn't it, that your investigation has suggested
 10 that the driver of the van is likely to have been
 11 Youssef Zaghba?
 12 A Yes, sir, that's correct.
 13 Q And you haven't played at this stage footage but there
 14 is earlier footage, isn't there, where it's clear that
 15 he can be seen just a minute or so before the attack was
 16 launched behind the driver's wheel?
 17 A Yes, sir, that's right. Later in the Inquest you will
 18 see evidence of planning and preparation and that
 19 footage is shown at that point.
 20 Q And it's also clear, isn't it, that sitting next to him
 21 in the front of the van were his two accomplices with
 22 Butt sitting in the middle of the three of them?
 23 A Correct, sir.
 24 Q Apart from a deflated tyre towards the end of the
 25 driving over the bridge, we will hear from an

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1 investigator later that there were no mechanical
 2 problems with steering the van as it drove across the
 3 bridge?
 4 A Yes, sir, that's correct.
 5 Q Is it your assessment from the footage and the other
 6 evidence that you have gathered, that the three of them
 7 were deliberately using that van, steering it
 8 deliberately with the intention of hitting the
 9 pedestrians?
 10 A Yes, sir.
 11 Q With the intention of killing and causing as much
 12 physical injury to members of the public as they
 13 possibly could?
 14 A Yes, sir, I believe that's right.
 15 Q Summarising it, you have told us about the deaths of two
 16 of those on the bridge that they caused. In total,
 17 I have counted eight others who were seriously injured
 18 in that driving over the bridge; is that right?
 19 A Yes, sir, that is right.
 20 Q Men and women, and as we saw from that very graphic
 21 footage, when a vehicle like that is used as a weapon,
 22 it can cause really serious damage; the force of the
 23 impacts is considerable, isn't it?
 24 A It is, sir, yes.
 25 Q Just as we saw in the attack that had happened two

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1 months earlier when a similar attack was launched over
 2 the pavement of Westminster Bridge?
 3 A Yes, sir, that's correct.
 4 Q People were thrown into the air, people were propelled
 5 skidding along the carriageway; yes?
 6 A Correct.
 7 Q And we saw those horrifying images of Christine
 8 Archibald swept forward for an extended distance under
 9 the wheels of the front of the van.
 10 A Yes, sir, that is right.
 11 Q He had been trying earlier that day to get his hands on
 12 a 7.5 tonne lorry, hadn't he, Khuram Butt?
 13 A That is correct, sir, and as I mentioned earlier, you
 14 will get some further evidence in relation to that
 15 through planning and preparation.
 16 Q If he had managed to get his hands on such a bigger and
 17 heavier vehicle, injuries to those eight people who
 18 survived could have been even greater than they were;
 19 would you agree?
 20 A That certainly could have been the case sir, yes.
 21 Q But what he did get his hands on with this smaller van
 22 was still a 2.5 tonne vehicle, wasn't it?
 23 A Correct, sir.
 24 Q Even when not driven at excessive speed, so something in
 25 the region of about 13 miles per hour, we saw the damage

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1 that he managed to -- that they managed to achieve; yes?
 2 A Yes, sir, we did.
 3 Q Some months earlier in March there were no obstacles in
 4 place when Masood successfully got his hands on his
 5 powerful 4x4, a Hyundai on that occasion; that's right,
 6 isn't it?
 7 A That is right sir, but I wasn't involved in that
 8 investigation.
 9 Q I think you know that that, too, was a rental vehicle?
 10 A That is correct, sir.
 11 Q And I think you are aware that in the weeks that
 12 followed that Westminster attack, that shocking attack
 13 using the 4x4 on that bridge, that there were questions
 14 raised in the media and the public as to how it was that
 15 a terrorist was able to rent such a powerful vehicle;
 16 that's right, isn't it?
 17 A Yes, sir.
 18 Q And yet here we were, over two months later in June
 19 2017, and I think it's right, isn't it, that there
 20 wasn't a single additional obstacle that had been placed
 21 in the path of any terrorist trying to get their hands
 22 yet again on a rental vehicle?
 23 A There is no obstacles placed for renting a vehicle at
 24 that time, sir.
 25 Q And as we hear later in the Inquest, it took only about

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1 an hour or so of telephoning for Butt to get his hands
 2 on this 2.5 tonne van.
 3 A That's right sir.
 4 Q From Hertz.
 5 A Correct.
 6 Q Even though he had been under investigation for some
 7 time by both MI5 and the counter terrorism division.
 8 A Yes, sir, that's correct.
 9 Q And it's right, isn't it, that those two attacks in 2017
 10 with a vehicle first on Westminster Bridge and then on
 11 London Bridge weren't the first examples of terrorists
 12 using rental vehicles to kill and to maim?
 13 A That is right, sir, yes.
 14 Q And so in France in 2016 at Nice, 86 people were killed
 15 with the use of a rental truck; that's right, isn't it?
 16 A That's right, sir.
 17 Q And in America and in other parts of the world, in
 18 Spain. In Barcelona in August 2017 a rental van again
 19 was used to drive into a crowd of people.
 20 A Yes, sir, that's correct.
 21 Q And in Canada and in New York City, again and again,
 22 rental vehicles have been used by terrorists in this
 23 way, as weapons.
 24 A Yes, sir, that is correct.
 25 Q And for quite a few years, the propaganda magazines have

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1 advocated terrorists using rental vehicles.
 2 A There is evidence of propaganda that shows that sir,
 3 yes.
 4 Q So Inspire magazine, published on behalf of al-Qaeda,
 5 has encouraged the use of vehicles, hasn't it?
 6 A Yes, sir, it has, at times, yes.
 7 Q In one of their articles, they write about the ultimate
 8 mowing machine, a four-wheel drive pick up truck which
 9 could be used to launch a terrorist attack?
 10 A That is correct, sir.
 11 Q And they write in that propaganda magazine about
 12 maximising the number of pedestrian casualties in that
 13 way.
 14 A Yes, sir, that is correct.
 15 Q And so this is a -- would you agree, as a CT officer,
 16 this is a real ongoing serious problem that we face?
 17 A Yes, sir.
 18 Q And it is not just Inspire magazine but another
 19 terrorist propaganda magazine, Rumiya, also celebrates
 20 the use of these vehicles as weapons.
 21 A Correct, sir.
 22 Q The propaganda magazine used by the so-called Islamic
 23 State.
 24 A That's right, sir.
 25 Q And they have written celebrating the destructive

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1 capability of the motor vehicle and its capacity for
 2 reaping large numbers of casualties.
 3 A Yes, sir, that's right.
 4 Q Including even an illustration of a vehicle with Hertz
 5 branding, the very rental company that features in this
 6 attack.
 7 A That is right, sir, yes.
 8 Q And is it your experience, officer, that you and your
 9 colleagues, again and again, come across these
 10 propaganda magazines in your investigations -- Inspire
 11 magazine, Rumiya magazine?
 12 A Yes, sir, we do.
 13 Q And people with the appropriate mindset are able to get
 14 their hands on this propaganda generally using the
 15 internet.
 16 A Yes, sir, that's right.
 17 Q After this attack, Rumiya magazine issued an issue,
 18 issue number 10, celebrating what had been done on
 19 London Bridge. That's right, isn't it, a few days
 20 later?
 21 A That is right, sir, yes.
 22 Q Writing about the attackers having run over a number of
 23 "crusaders", using the word that they often use.
 24 A That is accurate, sir, yes.
 25 Q A word often used to mean members of the public in the

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1 West?
 2 A Correct.
 3 Q And Britain and France in particular?
 4 A Yes, sir, that's right.
 5 Q I think you are aware that after the Westminster
 6 Inquests, the Chief Coroner issued a report recommending
 7 that the Department for Transport see what can be done
 8 about limiting access to these rental vehicles by
 9 would-be terrorists.
 10 A Yes, sir, that's right.
 11 Q As we stand here today, the position is this, isn't it,
 12 that there is a voluntary scheme?
 13 A Correct.
 14 Q But nothing of any substance to this day is in place
 15 that provides any real obstacle for getting your hands
 16 on a vehicle like that if you want to use it in
 17 a terrorist attack?
 18 A I'm not able to make further comment on that, sir. It's
 19 an actual area of business I'm not an expert in, I'm
 20 afraid.
 21 Q Are you aware that the Intelligence and Security
 22 Committee has expressed concerns about the likelihood
 23 and efficacy of that voluntary scheme, of the likelihood
 24 of it having any success in preventing would-be
 25 terrorists from getting their hands on rental vehicles?

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1 A I'm not aware of the exact detail, sir, no.
 2 THE CHIEF CORONER: Again, Mr Patterson, I suspect that is
 3 an example of a topic that it may be another witness is
 4 better placed to resolve.
 5 MR PATTERSON: Yes. Can you help me with this,
 6 superintendent; as a senior counter terrorism officer,
 7 no doubt you would welcome anything that could be done
 8 to prevent terrorists from getting their hands on large,
 9 dangerous rental vehicles.
 10 A Yes, of course, sir.
 11 Q A different topic, please, and the moments leading up to
 12 the attack on the bridge and in particular, to Christine
 13 Archibald. We looked at the footage and we were able to
 14 see Christine and Tyler Ferguson walking in a southerly
 15 direction across the pavement.
 16 A Yes, sir.
 17 Q And it's clear, isn't it, that as they crossed the
 18 bridge, they are both facing forwards, away from the
 19 camera that we were looking at on the screen?
 20 A Yes, sir, that's right.
 21 Q And it's right, isn't it, that Tyler Ferguson was closer
 22 to the wall, or the balustrade of the bridge?
 23 A He was at that point. Originally he was on the outside
 24 and they actually had swapped places during the course
 25 of their walk along the bridge.

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1 Q So just before the point of impact he was closer to the
 2 balustrade and she was on the river side; is that
 3 correct?
 4 A Yes, sir.
 5 THE CHIEF CORONER: Sorry, do you mean that way around or do
 6 you mean the other way around?
 7 MR PATTERSON: He is on the left, she is on the right. He
 8 is by the balustrade, she is towards the road.
 9 THE CHIEF CORONER: You said, "river", which is why --
 10 MR PATTERSON: Towards the road. Forgive me.
 11 That's right, isn't it, officer?
 12 A Yes, sir.
 13 Q Just before the point of impact, we can see, can we not,
 14 that his right arm appears to have been raised?
 15 A Yes, sir.
 16 Q As if he is trying to pull Christine out of the way?
 17 A Possibly, yes, sir.
 18 Q And so it looks as though he was doing all that he could
 19 do to try and get her out of harm's way at that point?
 20 A Yes, sir, I believe so.
 21 Q The pavement is 7 metres wide; that's right, isn't it?
 22 A Correct.
 23 Q And we saw how many people were on it at that time of
 24 night. I think it's only 10 centimetres high, the kerb
 25 on the pavement; is that right?

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1 A Yes, sir, that's right.
 2 Q And as we can see from the footage, there were no
 3 barriers in place on that pavement protecting
 4 pedestrians from traffic coming from the road.
 5 A That's correct, sir.
 6 Q If barriers had been in place protecting pedestrians,
 7 then Christine Archibald and Xavier Thomas would no
 8 doubt still be with us today, would they not?
 9 A That may well be the case, sir, yes.
 10 Q After the attacks it was possible to install them in
 11 pretty quick fashion, wasn't it?
 12 A There were barriers that did go up. Another witness
 13 will be able to give you evidence in relation to that,
 14 sir.
 15 Q It was within a matter of days, I think; is that right?
 16 A Yes, sir, that's right.
 17 Q Was the Metropolitan Police ever made aware that there
 18 had been a report prior to the London Bridge attack
 19 highlighting the vulnerability of London Bridge and
 20 pedestrians on the pavement to such an attack?
 21 A No, sir.
 22 Q I think you are aware that a company called Cerastes
 23 provided such a report prior to the attack?
 24 A I'm aware of that now, sir, yes, but at the time of the
 25 attack I wasn't aware of it.

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1 Q But you have considered this, and it never reached the
 2 knowledge of the Metropolitan Police prior to 3 June; is
 3 that right?
 4 A The Metropolitan Police were made aware of it in
 5 February 2018, sir.
 6 Q So after the event?
 7 A Yes, sir.
 8 Q After the impact on Christine Archibald, as we saw in
 9 the footage, the van crossed the central reservation?
 10 A That's correct.
 11 Q Once it's in the northbound lane, so the west lane, it
 12 appeared, did it not, on the footage, to travel in
 13 a pretty straight line along that side of the road?
 14 A Yes, sir, it did.
 15 Q And so it doesn't look as though it was in any way out
 16 of control. It appeared to be moving forward in
 17 a pretty straight fashion; is that correct?
 18 A It did appear that way, yes, sir.
 19 Q Again, at that stage, there is no attempt to drive up on
 20 to the pavement, there is no targeting of pedestrians at
 21 that stage of the events, is there?
 22 A No, sir.
 23 Q And as we know, they had strapped to their hands the
 24 three knives that they then used once they got out of
 25 the vehicles?

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1 A Yes, sir, that's correct.
 2 Q And so is it your assessment that having done what they
 3 had done on the bridge, they were now turning their
 4 minds to the second stage of their planned attack?
 5 A That is possible sir, yes.
 6 Q And it looks as though the moment they impacted the
 7 railings, the three of them got out together at a jog.
 8 A Yes, sir, they did.
 9 Q And within seconds, the first member of the public had
 10 been stabbed.
 11 A Richard Livett, yes, sir.
 12 THE CHIEF CORONER: Mr Patterson, I have got one eye on the
 13 clock. We are going to take a mid- afternoon break. Is
 14 that a convenient moment?
 15 MR PATTERSON: That would be as good a point as any.
 16 THE CHIEF CORONER: Very well. We will take our
 17 mid-afternoon break. Thank you.
 18 (3.13 pm)
 19 (A short break)
 20 (3.31 pm)
 21 THE CHIEF CORONER: Mr Patterson, thank you.
 22 MR PATTERSON: Superintendent, before we leave the van,
 23 I think there were no fewer than 29 bags of gravel that
 24 were found in the back of the van after it was searched;
 25 is that correct?

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1 A Yes, sir, that's correct.
 2 Q Is it your assessment that they were used to provide
 3 weighting to the van to increase its weight or to act as
 4 ballast? What is your assessment as to why it was --
 5 A I think that is speculation, sir. That is
 6 a possibility, yes.
 7 Q To increase the weight of it during the attack might be
 8 one explanation; would you agree?
 9 A That might be.
 10 Q And certainly the use of gravel or ballast to increase
 11 the weight of a van, again, that's something advocated
 12 in Inspire magazine?
 13 A Some magazines have suggested that, yes, sir.
 14 Q And so again, another reason to suggest that they may
 15 have been assisted or encouraged in their planning by
 16 Inspire magazine?
 17 A There is no evidence of that, sir, in terms of reading
 18 that magazine.
 19 Q Yes. I think it is right, isn't it, that you were
 20 unable to recover phones -- the current, most recently
 21 used phones -- for each of the three attackers, is that
 22 right?
 23 A Yes, sir, that's right.
 24 Q So as to what would have been found on them if they had
 25 been examined we will presumably never know?

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1 A Correct.
 2 Q After they got out of the van, we saw them jogging along
 3 the pavement towards the top of the stairs.
 4 A Correct.
 5 Q And although we didn't see the attacks on Sara Zelenak
 6 or James McMullan, you have told us that it is your
 7 assessment that those attacks are likely to have taken
 8 place at the top of the stairs.
 9 A That's correct.
 10 Q In relation to James McMullan, it's right, isn't it,
 11 that there is not a great deal of evidence that you have
 12 been able to gather from eyewitnesses as to his precise
 13 movements?
 14 A Yes, sir, that's right.
 15 Q So there is footage of him at that recess, as you
 16 described it, near the locked gate across to the
 17 cathedral?
 18 A Correct.
 19 Q There is evidence, we will hear, from Erick
 20 Siguenza that might suggest that he was attacked at the
 21 same time as Sara Zelenak in that general area?
 22 A That's right.
 23 Q There is one witness who might have seen him running
 24 along the courtyard below --
 25 A Correct.

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1 Q -- in the direction to where we know he was ultimately
 2 found, below the van?
 3 A Yes, sir, that's right.
 4 Q And I think it's right, isn't it, that at postmortem
 5 there were no fall -type injuries that were found by the
 6 pathologist that might have suggested a fall from above.
 7 A No, sir, there were not.
 8 Q Was any blood from the pavement at the top of the stairs
 9 swabbed and tested to see if his blood might be there on
 10 the pavement area near the top of the stairs?
 11 A I think, sir, that would be a question for another
 12 witness.
 13 Q We saw the footage taken by Erick Siguenza on his mobile
 14 phone and we could hear the shouts of, "Allahu Akhbar",
 15 coming from the attackers down in the courtyard. I
 16 think it is right, isn't it, that a large number of the
 17 witnesses who gave your team statements similarly heard
 18 those sorts of shouts at different stages of the attack?
 19 A Yes, sir, that's correct.
 20 Q Those words being shouted again and again by the
 21 attackers; yes?
 22 A Correct.
 23 Q And various witnesses at different stages heard them
 24 shouting, "This is for Allah"; is that correct?
 25 A That's correct.

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1 Q "We are doing this for Allah", references to, "You
2 unbelievers"?

3 A Correct.

4 Q It is right, isn't it, that quite a few of the
5 Islamist-inspired terror attacks in recent years have
6 taken place in France?

7 A A number have, yes, sir.

8 Q Nice, the Bataclan, the offices of Charlie Hebdo; yes?

9 A Correct.

10 Q Often the propaganda, as you have mentioned, refers to
11 "the crusaders", a reference to historical events?

12 A Yes, sir.

13 Q In this attack, the three attackers went straight to the
14 Boro Bistro, didn't they?

15 A Yes, sir, that's correct.

16 Q A French restaurant; yes?

17 A It is.

18 Q Owned by a Frenchman, managed by a Frenchman with
19 a large number of French waiters and many French
20 customers; would you agree?

21 A Yes, sir, correct.

22 Q Have you come across any evidence one way or the other
23 as to whether they deliberately targeted that restaurant
24 because it is a French restaurant?

25 A No, sir, there is no evidence of that.

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1 Q Although, as you have said, their mobile phones were
2 never found so we don't know what research, for example,
3 they might have carried out on those phones.

4 A That is true sir, yes.

5 Q Many of the eyewitnesses who gave your team statements
6 made it plain that at a very early stage, they
7 recognised or suspected that this was a terrorist
8 attack.

9 A Yes, sir.

10 THE CHIEF CORONER: And again, Mr Patterson, I think on some
11 of the footage that we heard which has audio, one can
12 hear people say those words.

13 MR PATTERSON: I think that's right. In Erick Siguenza's
14 footage, the early words that we could hear were
15 something like, "Oh my God, this is terrorists".

16 THE CHIEF CORONER: Yes.

17 MR PATTERSON: So we must remember, officer, that this was
18 all taking place in the heightened state of concern that
19 we were all in in those months just after Westminster
20 and Manchester.

21 A Yes, sir.

22 Q There was a degree of discipline to how they carried out
23 this marauding terrorist attack, wasn't there?

24 A The attackers did stay together, yes, sir.

25 Q They began together and they ended ten minutes later

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1 together, didn't they?

2 A They did, sir.

3 Q They acted with a degree of discipline, something that
4 was remarked upon again and again by witnesses who gave
5 statements to your team.

6 A Yes, sir.

7 Q Often Butt was in the lead; is that correct?

8 A There were certainly times when he was in the front,
9 sir.

10 Q Visible with his distinctive military-style camouflage
11 trousers; yes?

12 A Yes, sir.

13 Q All three of them with their knives strapped to their
14 fists throughout?

15 A Correct.

16 Q The last of their attacks, over 50 attacks, the last of
17 them as we saw, just a few minutes earlier on Mr Filis,
18 the three of them still acting as a team, three on one.

19 A Yes, sir.

20 Q To the very end.

21 Was there any footage recovered from the Ummah
22 Fitness Centre where they carried out training in the
23 period before the attack?

24 A That evidence will be coming by another witness sir,
25 talking about planning and preparation.

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1 Q Are you aware of any evidence suggesting prior military
2 training before 3 June?

3 A No, sir.

4 Q I think you are aware that on the internet there are
5 a large number of training video recordings showing
6 hand-to-hand combat or military or commando-style knife
7 attacks. Things like that are available on the
8 internet, are they not?

9 A They can be sir, yes.

10 Q Rumiya magazine, again, has advocated the use of knives
11 and the targeting in particular of throats during
12 terrorist attacks; that's right, isn't it?

13 A I'm not sure of any reading in particular around the
14 area of attack, but they do advocate the use of knives,
15 sir.

16 Q And it's clear, isn't it, from what they were doing,
17 they were trying to cause the maximum injury possible,
18 weren't they?

19 A I think that's a fair assessment sir, based on the
20 injuries that they caused people, yes.

21 Q So again and again the many victims suffered blows to
22 the throats, to the neck, to the upper chest. That's
23 right, isn't it?

24 A Yes, sir. Many victims suffered very serious injuries.

25 Q Alexandre Pigead to the throat, Sara Zelenak to the

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1 neck; yes?
 2 A Correct.
 3 Q And we saw particularly in the tapas bar footage and the
 4 Black and Blue footage, deliberate targeting to the
 5 upper body area, didn't we, by the attackers?
 6 A Certainly in terms of Geoffrey Ho, yes, sir.
 7 Q And Oliver Dowling and Paul Saint-Pasteur and
 8 Helen Kennett, again and again, they are targeting the
 9 vulnerable blood vessels in the neck. They are trying
 10 to kill. Would you agree?
 11 A They are certainly trying to inflict serious injury sir,
 12 yes.
 13 Q Would you agree that the footage shows just how
 14 vulnerable the public are to a marauding terror attack
 15 of this type?
 16 A I'm not sure what you mean by that, sir.
 17 Q Well, one of the questions raised yesterday by
 18 Philippe Pigeard was whether the police should be armed.
 19 Do you remember his raising that issue yesterday?
 20 A Yes, sir.
 21 Q It is right, isn't it, that many Western European
 22 countries do have police forces where they are routinely
 23 armed, unlike in this country?
 24 A I'm aware of that for some European countries, yes, sir.
 25 Q And it is right, isn't it, that this is a serious matter

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1 of ongoing debate which is being considered at the
 2 moment by the National Police Chiefs Council.
 3 A I'm not sure about the ongoing debate, sir. Any
 4 carriage of arms is the responsibility of the individual
 5 chief constables of that force based on a threat
 6 assessment.
 7 Q Yes. Isn't it right that in July 2017, after this
 8 attack, at a quarterly meeting of the National Police
 9 Chiefs Council, police chiefs began a discussion as to
 10 the role of police and the arming of the police?
 11 A There was a discussion as far as I'm aware, sir.
 12 Q And this is a matter that is being considered by the
 13 Home Secretary and at a very senior level within the
 14 police, isn't it?
 15 A Yes, sir, there has been discussions about that, yes.
 16 Q The collision was at 22.07.17. We had unarmed officers
 17 on the scene a little over a minute later at 22.08.29
 18 you told us, police Constable McLeod and Police
 19 Constable Marques.
 20 A Yes, sir.
 21 Q Armed with batons.
 22 A Yes, sir.
 23 Q Obviously batons were wholly unequal to what they faced
 24 when they arrived at the scene; would you agree?
 25 A Yes, sir.

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1 Q Had they been armed and able to stop the attack at that
 2 stage something like 19 or 20 later stab victims, in the
 3 minutes that followed that point, may not have received
 4 any of those knife injuries; would you agree?
 5 A I think that is a very difficult question for me to
 6 answer, sir. It's a degree of speculation.
 7 Q Well, would you agree that unarmed officers, faced with
 8 that marauding attack, were wholly ill equipped to
 9 protect both themselves and the public?
 10 A The officers had full protective equipment but they were
 11 not armed.
 12 Q Yes. Well, we saw in the body worn footage of Police
 13 Constable Balfour -- what was it -- it an extendable
 14 metal asp?
 15 A That's correct sir, yes.
 16 Q Some of them didn't even bother to produce their asps
 17 because they were wholly useless against this sort of
 18 attack; isn't that right?
 19 A I certainly wouldn't render them useless against this
 20 sort of attack, sir.
 21 Q Well, did anyone even manage to disarm any of these
 22 three attackers with a baton?
 23 A No, they did not sir.
 24 Q Balfour, Andrews, McLeod? Marques? Any of those
 25 unarmed officers?

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1 A No, they did not.
 2 Q It didn't matter how courageous they are, would you
 3 agree that they were all ill equipped to protect both
 4 themselves and their colleagues and the public on the
 5 streets of London that Saturday night?
 6 A I don't think they were ill equipped, sir, they just
 7 weren't equipped with some of the specialisms such as
 8 firearms, sir.
 9 Q None of those officers were able to stop the attack,
 10 were they?
 11 A I think that is a very difficult question for me to
 12 answer on behalf of those officers, sir.
 13 Q Well, within one or two minutes, McLeod and Marques were
 14 on the scene, but for something like seven-and-a-half to
 15 eight minutes, the attack continued with something like
 16 a further 19 or 20 members of the public stabbed, and
 17 I can list them if necessary.
 18 THE CHIEF CORONER: I think it may be the way the question
 19 is put, Mr Patterson, because I think we know it wasn't
 20 stopped, but the way the question was phrased was could
 21 they have stopped.
 22 MR PATTERSON: Well, do you agree that with an asp and CS
 23 spray they couldn't have stopped this sort of attack?
 24 A There is a possibility with that equipment they could,
 25 sir, but I can't speak for how officers make use of that

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1 equipment.
 2 Q None of them managed to stop it, did they?
 3 A No, they did not sir.
 4 Q Finally this, officer: Video cameras. The many, many
 5 thousands of hours that were spent viewing the footage
 6 that was assembled shows just how helpful it is to have
 7 the cameras that we do have in London these days; would
 8 you agree?
 9 A Yes, sir.
 10 Q When it came to not only analysing what happened on the
 11 night, but also analysing meetings between the attackers
 12 in the months beforehand, obviously one of the problems
 13 that you faced was the preservation of footage, namely
 14 a lot of footage isn't preserved after a set period of
 15 time; would you agree?
 16 A That can be the case in some instances, sir, but not
 17 all.
 18 Q So it varies, doesn't it --
 19 A Yes.
 20 Q -- from commercial premises to the transport -- to
 21 buses, councils, some of them have a 28-day preservation
 22 period, some have a three-month preservation period and
 23 so forth?
 24 A Yes, sir. It is very dependent on technology.
 25 Q So in terms of analysing what meetings there may have

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1 been between these attackers, obviously when we go back
 2 to periods like March, February, January, December--
 3 MR HOUGH: Sir, I don't mean to make life difficult for
 4 Mr Patterson, there are some quite complex technical
 5 questions arising in the area that he is now addressing
 6 which may be better focused upon by some other
 7 witnesses. I'm just concerned that this officer isn't
 8 drawn into giving any incorrect impressions.
 9 THE CHIEF CORONER: Absolutely, and I think, Mr Patterson,
 10 certainly I know from my own experience that, first of
 11 all, it depends whether the system is a digital system
 12 or an analogue system, it can depend on capacity, but of
 13 course, it can very much depend upon whether in fact
 14 when someone is alerted to the fact that they need to
 15 record and preserve it.
 16 MR PATTERSON: Absolutely.
 17 THE CHIEF CORONER: So I think those general propositions
 18 I can accept, and as Mr Hough said, it may be that we
 19 can come back to this specific area with a witness later
 20 on.
 21 MR PATTERSON: Yes.
 22 Officer, can you help me to this extent; would you
 23 agree that it does help if there is the preservation of
 24 material which might later be of use to an investigator?
 25 A Yes, sir.

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1 Q Are you aware of any evidence of reconnaissance at the
 2 bridge or on the south side of the bridge prior to the
 3 night in question?
 4 A No, sir.
 5 Q So there were a number of cars associated with the
 6 attackers, I think a Corsa and a Peugeot, is that
 7 correct?
 8 A Correct.
 9 Q Have there been efforts to examine footage, CCTV
 10 footage, automatic number plate recognition? Have those
 11 sorts of enquiries been made in relation to those two
 12 cars?
 13 A Yes, sir.
 14 Q And no reconnaissance trips to the bridge or the south
 15 side of the bridge have been found?
 16 A No, sir.
 17 Q Of course, if they conducted such a reconnaissance on
 18 foot it would be, presumably, impossible to find them on
 19 CCTV; would you agree?
 20 A It would be very difficult, sir, yes.
 21 MR PATTERSON: Thank you very much. That's all I ask.
 22 A Thank you, sir.
 23 THE CHIEF CORONER: Mr Adamson, this is going to be the
 24 first test of what I have indicated. But like I say,
 25 I know from before that both you and Mr Patterson will

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1 not duplicate areas and just cover things that need to
 2 be covered.
 3 Questions by MR ADAMSON
 4 MR ADAMSON: I promise I won't disappoint.
 5 Detective Superintendent Riggs, my name is
 6 Dominic Adamson and I ask questions on behalf of the
 7 parents of Xavier Thomas. I would like to turn, if I
 8 may, to your report, just to set out, if I can, the
 9 chronology as I understand it from your report of the
 10 investigations into finding Xavier.
 11 A Yes, sir.
 12 Q Can I take you to paragraph 5.9? Now, in that paragraph
 13 of your report you say:
 14 "During the second mounting of the pavement, the
 15 white Hertz van was on the footpath between 22.06.58 and
 16 22.07.01".
 17 A Yes, sir, that's correct.
 18 Q So we can be confident that the impact between the van
 19 and Xavier was around about 22:07?
 20 A Yes, sir.
 21 Q Now, I just want to address a point that you raised in
 22 evidence yesterday, and clarify any potential
 23 misunderstanding. It is right, isn't it, that there
 24 were witnesses who observed a person falling into the
 25 river?

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1 A So there was -- there were witnesses that were unsure of
 2 what the object was. It was described as a body or
 3 a heavy object.
 4 Q Yes. You state at paragraph 5.11 of your report:
 5 "Witnesses on the north and south banks of the River
 6 Thames saw a person or something come over the side of
 7 the bridge and fall into the water below".
 8 You reference a particular witness, a Mr Cooke,
 9 don't you?
 10 A Yes, sir. That's correct.
 11 Q Now, it is right that Mr Cooke made a 999 call probably
 12 around about 22:09 and there is a recording of that, and
 13 I can call it up on the screen if necessary, but the
 14 recording of the call includes him saying as follows:
 15 "I saw someone actually being hit thrown into the
 16 river".
 17 A I haven't heard that recording personally, sir, so
 18 I will take your word for it, thank you.
 19 Q I can call it up on screen if you wish but the
 20 transcript is {DC6472T/1}.
 21 THE CHIEF CORONER: I think this is Mr Gerald Cooke?
 22 MR ADAMSON: Yes, that is.
 23 And about halfway down that page, caller :
 24 "Across London Bridge yeah southbound we're, we're
 25 walking along we, we heard the smashes and the screams

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1 and one thing and another and I saw somebody actually
 2 being hit thrown into the, into the river and I, and the
 3 person didn't swim or anything so I assume the tide is
 4 going out the body will have been carried down river
 5 a bit ... it's just too bloody awful for words."
 6 And so there appears to be a clear account given of
 7 an impact between a vehicle and a person.
 8 A Correct, sir.
 9 Q Yes, and then the operator clarifies this:
 10 "Saw someone thrown into the river erm okay ... okay
 11 if you just hold a minute. Okay all right let's see if
 12 we can get a, the erm river boat going."
 13 And it's right, isn't it, that when a 999 call is
 14 made, a CAD will be generated; is that right?
 15 A That's correct.
 16 Q Now can you just explain for the benefit of those in
 17 court what is CAD is?
 18 A It is basically a recording of what the call is and it
 19 is auditable system.
 20 THE CHIEF CORONER: I think it stands for computer aided
 21 despatch, so it is an acronym, shortened.
 22 MR ADAMSON: Yes. I was hoping the witness would ...
 23 THE CHIEF CORONER: It seemed to me that some people will
 24 know what it is, but it is important that we just clear
 25 that up.

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1 MR ADAMSON: And in relation to this call, there would be
 2 a CAD and if we could call up that CAD, it's CAD8826,
 3 the reference is {DC6472/1}, and we see at the top of
 4 that document "Call Name: Mr Cooke". Do we see that?
 5 A Yes, sir.
 6 Q And if we go down to the eighth page of that document
 7 {DC6472/8}, and we see at the top of that page, and it
 8 says:
 9 "Someone in van has just smashed into people on
 10 bridge".
 11 A Yes, sir.
 12 Q And just above that, there is an, "Entered by:CHS", and
 13 then there is a time stamp, isn't there, of 22.10.55?
 14 A There is, sir, yes.
 15 Q And if we move down to the next page {DC6472/9}, at the
 16 top of that, the entry is, "Caller saw someone thrown
 17 into river".
 18 A That's what it says sir, yes.
 19 Q And so that appears to tally with the recording which is
 20 linked to this CAD; is that right?
 21 A Correct.
 22 Q Now, it may be that others are in a better position to
 23 answer this and please say so if that's the case, can
 24 I ask you to look at the ninth page of that document,
 25 about halfway down the page -- sorry, it is a bit

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1 further than that actually. Yes. 22.11.26. You see
 2 that on the left-hand side, the timing?
 3 A I do, sir, yes.
 4 Q And if one moves across it says, "PI/MSU".
 5 A It does, sir. I think you are going to need to ask
 6 another witness if you are going to ask me what that
 7 means.
 8 Q Yes. Would MSU mean Marine Support Unit, do you think?
 9 A It could well do, yes.
 10 MR HOUGH: PI, I understand is pass an incident, so it is
 11 passing it to the Marine Support Unit.
 12 THE CHIEF CORONER: Passing the incident to the Marine
 13 Support Unit?
 14 MR ADAMSON: Passing the incident, I am grateful.
 15 So at this time, 22.11.26, Xavier is likely to have
 16 been in the water for 4.5 minutes.
 17 A That is possible, yes, sir. Yes.
 18 Q And can I also then take you back to your report just so
 19 that we have the time line as clearly as we can. At
 20 paragraph 5.15 you state that Marine Two and Marine
 21 Three -- they are two boats under the control of the
 22 Marine Support Unit, is that right?
 23 A That's right, sir.
 24 Q Were first at the scene arriving at 22.14.27?
 25 A Correct.

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1 Q And you are reliant on another CAD, because we can see
2 that from the footnote at the bottom of the document.
3 A That's right, sir, yes.
4 Q I won't take you to that. The next entry that you have
5 given is that they were joined by Coastguard lifeboats?
6 A That's correct.
7 Q Who arrived at 22.20.37. 5.15 of your report.
8 A Thank you, sir, yes.
9 Q And in that you are reliant on the Coastguard log, as we
10 can see from the footnote 62?
11 A That's right, sir.
12 Q So by this time, 22.20.37, 13.5 minutes have elapsed, is
13 that right?
14 A Yes, sir.
15 Q And then as we move down your report, at 5.17 we see
16 that a strategy was adopted, namely a line abreast
17 search.
18 A That's right, sir.
19 Q And we are going to hear tomorrow from two officers in
20 charge of vessels and they can tell us more about what
21 that entailed.
22 A Yes, sir, they can.
23 Q But is it right that the Coastguard incident log records
24 that the line abreast search was conducted at 22.25.31?
25 A I'm not sure if that's in this document that I have in

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1 front of me, sir.
2 Q I can take you to the document if you need to
3 {DC6822/7}.
4 A It may be better that those questions are put to another
5 witness, sir.
6 Q I will take my nod from that.
7 Yes. If one looks on the column at 21.25.31, now
8 just to explain that, this is, in fact, an hour behind,
9 so 21.25.31 is, in fact, 22.25.31, and we see there an
10 entry on the right-hand side, "Line abreast search".
11 A Yes, sir.
12 Q So is it likely that that is the source for your
13 observation at paragraph 5.17 of your report?
14 A Yes, sir.
15 Q And so the position appears to be that a structured
16 search for Xavier did not commence until 18.5 minutes
17 after he had been thrown into the water?
18 A As I understand it, there was a hasty search, sir, but
19 in terms of a uniformed approach to that, that would be
20 right, sir.
21 Q Yes. Well, we will hear about hasty searches and line
22 searches tomorrow --
23 A Yes, sir.
24 Q -- but in terms of the line search, on the face of it,
25 not until 22:25?

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1 A Yes, sir.
2 THE CHIEF CORONER: And I think that the question you put,
3 Mr Adamson, was that a structured search didn't take
4 place for [18.5] minutes. That might depend on what
5 a "hasty search" comprises --
6 A Yes.
7 THE CHIEF CORONER: -- which I suspect we will hear other
8 evidence about, but I think what the -- certainly what
9 I have noted is that the line abreast search, as
10 indicated on this document, doesn't appear to have got
11 underway until the 18.5 minute period that you have
12 mentioned from the time that it's likely that he first
13 went into the water --
14 MR ADAMSON: Indeed.
15 THE CHIEF CORONER: -- or the impact takes place.
16 MR ADAMSON: Sir, those are my questions.
17 THE CHIEF CORONER: Thank you. I'm looking around,
18 Mr Hough, to see if there are any other interested
19 persons who have any questions at this stage. No.
20 Thank you.
21 MR HOUGH: I don't have any further questions for the
22 Detective Superintendent at this stage.
23 THE CHIEF CORONER: Thank you.
24 MR HOUGH: Thank you very much for your efforts.
25 THE CHIEF CORONER: Thank you very much, Detective

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1 Superintendent. I know you are going to be here
2 throughout and there may be other issues that we have to
3 come back to, but thank you very much.
4 A Thank you sir.
5 MR HOUGH: Sir, the next witness is DC Hutchinson.
6 DETECTIVE CONSTABLE ALISDAIR HUTCHINSON (sworn)
7 Questions by MR HOUGH QC
8 MR HOUGH: Will you please give your full name and rank for
9 the court?
10 A Yes, sir. My name is Alistair Hutchison. I'm
11 a detective constable and I work with SO15, the Counter
12 Terrorism Command of the Metropolitan Police.
13 Q Are you, too, part of the team for Operation Dativall,
14 the investigation into this terror attack?
15 A Yes, sir, I am.
16 Q In that capacity, have you worked on preparing
17 compilations of video images, including the long main
18 compilation, part of which we saw earlier today?
19 A Yes, sir, I did.
20 Q In addition to that, have you and your team also
21 prepared an individual compilation in relation to each
22 of the victims of the attack?
23 A I have, sir.
24 Q I think you have prepared a report on all those
25 individual compilations identifying the footage on each

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1 one with our reference DC7201.
 2 A That's correct.
 3 Q Once again, are these compilations the end product of a
 4 large amount of work to identify the people who died on
 5 the footage, to piece together their movements, and to
 6 find out where they were when they suffered fatal
 7 injuries?
 8 A Yes, sir, that's correct.
 9 Q Despite all of that work, are there still some gaps in
 10 the coverage, as we shall see?
 11 A Yes, sir.
 12 Q A few questions, please, about the sources of your
 13 footage. In the main, is it right to say that on these
 14 compilations, the predominant sources of footage are,
 15 first of all, CCTV from cameras on buildings?
 16 A Yes, sir.
 17 Q And, secondly, CCTV from multiple cameras nowadays
 18 mounted on London buses?
 19 A That's correct, sir.
 20 Q I think you understand that we shall be calling you to
 21 give evidence at various stages during these Inquests to
 22 give evidence about your compilation of the individual
 23 who died shortly before we hear evidence relevant to
 24 that person.
 25 A Yes, sir. I understand that.

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1 Q And in each case, I will ask you to identify -- a few
 2 background questions to help identify the person on the
 3 footage.
 4 A Yes, sir.
 5 Q And in some cases, I will also ask you to identify
 6 camera locations by reference to some plans you have
 7 prepared.
 8 A Yes, sir, I understand.
 9 Q If we can bring up, please, the compilation for Xavier
 10 Thomas at {AV0152}. While that is being brought up can
 11 I ask you this, Mr Hutchinson: To help us identify him
 12 on the footage, what clothing was Xavier wearing on the
 13 night of 3 June 2017?
 14 A Xavier was wearing a dark floral jacket, blue denim
 15 jeans and he had a light blue buttoned up shirt with
 16 a collar.
 17 Q We will see, I think, on the footage him walking with
 18 his partner, Christine Delcros.
 19 A That's correct, sir.
 20 Q We will see them walking across London Bridge from north
 21 to south in the minutes before the attack began.
 22 A Yes, sir.
 23 Q And the fact that they had reached about the middle of
 24 the bridge when the van came up behind them?
 25 A Yes, sir.

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1 Q Now just to be -- so that everyone is clear before we
 2 show this footage, it will not show any imagery of them
 3 being struck, is that right?
 4 A That's correct.
 5 Q But there will be images of the two of them together
 6 beforehand.
 7 A Yes.
 8 Q And an image from a distance of a figure you have
 9 identified as Christine after she was injured.
 10 A Correct sir, yes.
 11 Q I just make that clear in case anyone wishes to leave
 12 court. They are welcome to do so now, or at any time if
 13 it is distressing.
 14 If we can bring up the first clip please.
 15 (video played)
 16 Pause here. We are going to look, I think, at two
 17 clips, this is the first one from a building on King
 18 William Street, just north of London Bridge. This one
 19 starting at 22.02.59 real time with Xavier and Christine
 20 shown from behind strolling towards the bridge?
 21 A That's correct, sir.
 22 Q Play on, please.
 23 (video played)
 24 Pause here. I think we are now seeing footage from
 25 a CCTV camera on the offside of a bus which is

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1 stationary at a stop where King William Street becomes
 2 London Bridge, starting at just after 22:04.
 3 A Yes, sir. That's correct.
 4 Q We will again, I think, see Xavier and Christine marked.
 5 A Yes.
 6 Q Play on, please.
 7 (video played)
 8 Pause here. A third clip, I think this one is
 9 starting at 22.04.29, a camera on Adelaide House, just
 10 south of where that last bus was stationary, but looking
 11 north, again, showing Christine and Xavier walking along
 12 the middle of the pavement.
 13 A Yes, sir, that's correct.
 14 Q Play on, please.
 15 (video played)
 16 Then the next clip I think we are going to see
 17 footage from the same -- a CCTV camera on the same
 18 building but now looking south, starting at the same
 19 time as the last clip, showing Xavier and Christine from
 20 a different angle, marked both initially and when seen
 21 in the distance on the bridge.
 22 A Yes, sir, that's correct. This clip picks up where the
 23 last one ended.
 24 Q Thank you.
 25 (video played)

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1 Pause here. We are now going to see, I think, CCTV
 2 footage from the front of a 133 bus, initially
 3 stationary by that building Adelaide House which then
 4 travels south across London Bridge?
 5 A Yes, sir, that's correct.
 6 Q CCTV footage starts at 22.04.50 and we will see Xavier
 7 and Christine as they begin crossing the span of the
 8 bridge.
 9 A Yes, sir.
 10 Q Play on, please.
 11 (video played)
 12 At that stage they are walking in the middle of the
 13 pavement but Xavier, of the two of them, towards the
 14 river side?
 15 A Yes, sir. That's correct.
 16 Q Pause here, please. We are now going to look at CCTV
 17 footage from the nearside of a number 40 bus facing
 18 forwards, the bus travelling south across the bridge and
 19 starting at 22.05.16, and we will see Xavier and
 20 Christine a little further across the bridge?
 21 A Yes, sir. This is the same bus that we saw a few
 22 seconds ago.
 23 Q Thank you. Play on, please.
 24 (video played)
 25 Pause there. They seemed, if anything, on that

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1 footage to be slightly closer to the river side?
 2 A Yes, I agree.
 3 Q We are now about to see footage from a -- the nearside
 4 of the same bus, but this time facing backwards; is that
 5 right?
 6 A Yes, sir.
 7 Q So covering the couple from the opposite viewpoint.
 8 A Yes. A camera mounted on the rear of the bus. Sorry.
 9 Q Thank you.
 10 (video played)
 11 Pause here. As the title page showed us, we are now
 12 looking at footage from the front of a 48 bus, also
 13 travelling south across the bridge, this footage
 14 beginning at 22.05.47.
 15 A Yes, sir, that's correct.
 16 Q Now, this bus passes Xavier about 17 seconds after the
 17 bus from which we saw the last footage.
 18 A Yes, sir.
 19 Q It is the last bus CCTV in which we can clearly see the
 20 couple, and I emphasise, "clearly".
 21 A Yes, in which we can clearly identify each of them.
 22 Q They are still, at this point, walking in an area
 23 towards the north end of the bridge on the east pavement
 24 with Xavier still closest to the balustrade.
 25 A Yes, sir. That's correct.

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1 Q Play on, please.
 2 (video played)
 3 Pause here. We are now, I think, looking at CCTV
 4 footage from the front of a number 35 bus which is
 5 heading north across London Bridge, so the opposite
 6 direction from the buses we have been looking at before.
 7 A Correct, sir, on the opposite side carriageway.
 8 Q This footage is beginning, as we see, at 22.06.50.
 9 A Yes, sir.
 10 Q So that is a minute after the last clip started.
 11 I think we are going to see the attackers' white van on
 12 the southbound carriageway as it mounts the pavement for
 13 a second time around the middle of the bridge.
 14 A Yes, sir, that's correct.
 15 Q Is this just before, as your investigation has assessed
 16 it, the van struck Xavier and Christine?
 17 A Yes, sir.
 18 Q We won't see the point at which it apparently struck
 19 them.
 20 A That's correct sir.
 21 Q What's the reason why we don't see that on any of the
 22 footage from this bus?
 23 A Because the point at which we believe it impacts with
 24 Xavier is in a blind spot between two cameras that were
 25 mounted on this route 35 bus and the next three clips

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1 will illustrate just how that happened.
 2 Q Play on, please.
 3 (video played)
 4 There is the van going across on the pavement.
 5 Pause there. We are going to see the same section of
 6 footage as the last clip, is that right?
 7 A Yes, sir.
 8 Q But focused in, slowed down, and with a yellow circle
 9 where you consider Xavier and Christine were just before
 10 being struck.
 11 A Yes, sir, that's correct.
 12 Q They will be blurred figures, but these are the figures
 13 you have identified as them from all the technical work
 14 your investigation has done. Is that right?
 15 A Yes, sir.
 16 Q Play on, please.
 17 (video played)
 18 Pause there. So if you're correct about that
 19 identification, the couple just moved out of view before
 20 the van came upon them.
 21 A Yes, sir, that's correct.
 22 Q But if your assessment is correct, that gives an
 23 impression of the speed of the van bearing down upon
 24 them from behind?
 25 A Yes.

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1 Q I think we are now going to see footage from a different
 2 CCTV camera on the same bus heading north. This one,
 3 I think, on the offside and facing the rear.
 4 A Correct, sir.
 5 Q So this one will be facing to the south.
 6 A Yes, that's correct, sir.
 7 Q We will see the van come into view from the left, just
 8 as it dismounts the pavement, after the place where you
 9 consider that it struck Xavier and Christine; is that
 10 right?
 11 A Yes, that is right, sir.
 12 Q We will then see the van remount the pavement for
 13 a third time.
 14 A Yes, sir.
 15 Q Then as the bus moves forward, we will see a person on
 16 the pavement being helped by members of the public.
 17 A Yes, sir, that's correct.
 18 Q Have you been able to identify that person?
 19 A Yes, sir. That was done through corroborating it with
 20 later body worn footage with officers in closer
 21 proximity to Christine Delcros.
 22 Q Play on, please.
 23 (video played)
 24 Pause there. So when the van came into view on that
 25 footage, your assessment is that it had already struck

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1 them, and this -- the person who can just be seen being
 2 helped on the pavement you have identified from all the
 3 other evidence as Christine Delcros?
 4 A Yes, sir, that's correct.
 5 Q And just let that play to the conclusion, please.
 6 (video played)
 7 Just to illustrate where that is on the bridge,
 8 could you please have on screen an image, {DC7201/15}.
 9 If we can focus in on the lower image please, can we see
 10 that in your report you have located where you consider
 11 Xavier was when he was struck by relation to the work of
 12 the collision investigator in marking the route of the
 13 van on the pavement?
 14 A Yes, sir, that's correct.
 15 Q And did your work lead you to conclude that he had been
 16 struck at a point where the van got very close to the
 17 balustrade in its second mounting of the pavement?
 18 A Yes, in that approximate area, sir, yes.
 19 Q We will hear, obviously, from the collision
 20 reconstruction experts about that in more detail.
 21 A Thank you, sir.
 22 MR HOUGH: Thank you very much. If you will wait there,
 23 there may be some more questions.
 24 A Yes, sir.
 25 THE CHIEF CORONER: Mr Adamson, any questions of --

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1 MR ADAMSON: Just on the report very briefly.
 2 THE CHIEF CORONER: Of course.
 3 Questions by MR ADAMSON
 4 MR ADAMSON: Yes. As you are aware, I ask questions on
 5 behalf of the parents of Xavier Thomas.
 6 A I understand, sir.
 7 Q Can I just ask you to turn to paragraph 3.15 of your
 8 report?
 9 A Sorry, sir, did you say 3 --
 10 Q Sorry, could you turn up {DC009.2/5}.
 11 THE CHIEF CORONER: I think it is paragraph 3.15.
 12 MR ADAMSON: 3.15.
 13 A Of the CCTV report?
 14 Q Oh, sorry, Xavier Thomas's report, sorry.
 15 THE CHIEF CORONER: It's up on the screen now as well.
 16 A Okay. Yes.
 17 MR ADAMSON: And just following on from some questions that
 18 I raised earlier, is it right that in relation to the
 19 search for Xavier, that that was stood down at 23:02
 20 hours?
 21 A That's my understanding sir, yes.
 22 Q Yes. Can I ask you to just turn forward in that report,
 23 please, to page 18? {DC009.2/18}, and again, this is
 24 just in advance of questions tomorrow. Is this
 25 a diagram which shows tidal flows at 22:10 hours

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1 Greenwich Mean Time?
 2 A Yes. That's my understanding, sir.
 3 Q And I appreciate this may not be your area of expertise,
 4 but the diagram appears to show, doesn't it, that the
 5 tide was going inland?
 6 A Yes, sir, I believe it is called a flood --
 7 Q A flood tide?
 8 A -- flood tide, yes, sir.
 9 Q And in the central part of the river, the colour is
 10 between green and yellow; is that right?
 11 A Yes, sir.
 12 Q And we have a scale as to what that means in terms of
 13 the speed of the tide at that time.
 14 A Yes, sir.
 15 Q So it appears to have been between -- if it was at
 16 green, about 0.5 and 0.6 metres per second at that time.
 17 A Yes, sir. That is my understanding.
 18 MR ADAMSON: Thank you very much.
 19 A Thank you, sir.
 20 THE CHIEF CORONER: Thank you very much indeed. Mr Hough,
 21 as you have indicated, we are going to be hearing from
 22 this officer at various times in relation to a similar
 23 individual compilation. Can I simply just say, it is
 24 clear to me that there has been an awful lot of work
 25 that has gone into preparing these compilations, and we

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1 heard something from Detective Superintendent Riggs
 2 about the number of man hours that have been spent. It
 3 is certainly extremely helpful, and thank you very much
 4 for having that compilation put in the form that you
 5 have. Thank you.
 6 MR HOUGH: Sir, tomorrow we will turn to the first
 7 eyewitnesses to what happened on the bridge.
 8 THE CHIEF CORONER: Yes. Thank you. We will break there,
 9 Mr Hough, and we will resume tomorrow morning at
 10 10 o'clock, and in relation to the comment I made just
 11 before we broke for lunch about the press, I think
 12 people will understand particularly why I said it at the
 13 time I did, and I'm sure that will be heeded, but we
 14 will meet again at 10 o'clock in the morning.
 15 (4.26 pm)
 16 (The hearing adjourned to 10 o'clock on
 17 Thursday, 9 May 2019)
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