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IN THE COMPETITION APPEAL

Case No.: 1407/1/12/21, 1411/1/12/21-1414/1/12/21:

TRIBUNAL

Salisbury Square House 8 Salisbury Square London EC4Y 8AP

<u>Tuesday 22nd November-Friday 23rd December 2022</u>

Before: The Honourable Mr Justice Marcus Smith **Professor Simon Holmes** Professor Robin Mason (Sitting as a Tribunal in England and Wales)

BETWEEN:

Appellants

(1) ALLERGAN PLC ("Allergan")

(2) ADVANZ PHARMA CORP. LIMITED & O'RS ("Advanz")

(3) CINVEN CAPITAL MANAGEMENT (V) GENERAL PARTNER LIMITED & **O'Rs ("Cinven") (4)**

(4) AUDEN McKENZIE (PHARMA DIVISION) LIMITED ("Auden/Actavis")

(5) INTAS PHARMACEUTICALS LIMITED & O'RS ("Intas")

AND:

Respondents

COMPETITION AND MARKETS AUTHORITY ("The CMA")

<u>A P P E A R AN C E S</u>

Mark Brealey KC (On behalf of Advanz)

Daniel Jowell KC & Tim Johnston (On behalf of Allergan PLC)

Sarah Ford KC & Charlotte Thomas (On behalf of Auden/Actavis)

Robert O'Donoghue KC & Emma Mockford (On behalf of Cinven)

Robert Palmer KC, Laura Elizabeth John & Jack Williams (On behalf of Intas)

Marie Demetriou KC, Josh Holmes KC, Tristan Jones, Nikolaus Grubeck, Michael Armitage, Professor David Bailey & Daisy Mackersie (On behalf of the CMA)

2

(2.00 pm)

3 PROFESSOR TOMMASO VALLETTI (continued)
 4 Cross-examination by MR BREALEY (continued)
 5 THE PRESIDENT: Good afternoon, Mr Brealey, good afternoon.
 6 MR BREALEY: Good afternoon.

7 Professor Valletti, I have already said hello to you so I will move swiftly on. I want to start by recapping 8 on some basic facts, and just to put your mind at rest 9 10 these facts are not specific to any dominance or market 11 definition. They are simply facts, what happened in the 12 market in the infringement period, okay? So if you want 13 to draw a distinction at some point of course, but I am simply looking at the historical facts for the moment. 14

I would like to start, please, with the Decision
which is at {A/12/135}, just to remind ourselves ...
just to remind ourselves of the pharmacies' purchases
and the volumes, and these are the volumes that the CMA
provides in 2016 to November 2017.

20 This is the -- we referred to this last Friday, 21 well, we referred to the pharmacies and you see the 22 volumes.

23 A. Yes.

Q. We see the ten main ones, and the two exceptions who are
not the assured customer base are Day Lewis and Tesco.

Tuesday, 6 December 2022

Remember them?

2 A. Yes, I do.

In fact, Day Lewis did not buy any for about a year, but 3 Ο. its purchases really kicked in, I think, around about 4 5 August 2016. But there we have it. We have the ten pharmacies, the two non-assured pharmacies are Day Lewis 6 7 and Tesco, and as Mr Holmes put to Mr Bishop, the Boots 8 and Lloyds' volumes dwarf anybody else; that is correct, is it not? 9 Well, there is also a large fringe of independent 10 Α. 11 pharmacies, of course. 12 Ο. Of the independents, but --13 They represent a large fraction of the market. Α. Q. Of course. Yes, of course. That is where we get 14 15 broadly the 50% from. 16 Can I go briefly to the CMA's case as it was put to 17 Mr Bishop, so I am going to go back to the transcript of 18 what the CMA said to Mr Bishop. 19 We can look, for example, at Boots. So I think you 20 were in court when Mr Bishop was cross-examined by 21 Mr Holmes to my right; yes? 22 On Friday, that's right, yes. Α. 23 So if we go to the transcript on Day 7, page 45. Q. 24 {Day7/45:1}. (Pause) Have you been given a copy of the transcript at all, of Day 7? 25

- 1 Α. I was sent the transcript last -- yesterday at 4.00 pm 2 but I do not have it in front of me. 3 Q. No, but you have familiarised yourself with it, you have read it? 4 5 Yes, to some extent. But I was here on Friday also. Α. 6 Q. Yes. (Pause) 7 A. As we wait, may I ask a question, when we left the 8 Tribunal on Friday you gave me homework for the weekend 9 to unpack a couple of figures that were seemingly in 10 contradiction about the stability of market shares. 11 I have done my homework, I am just asking whether you 12 would like me to comment on those or not. THE PRESIDENT: Well, I think counsel will have noted that, 13 14 and I am sure he'll come to it if he does not and you 15 have something to say we will --MR BREALEY: Let us just finish. I really do not mind. 16 We 17 can -- if Professor Valletti wants to hand in his homework --18 19 No, no, it's just a statement of fact. Just Α. 20 an interpretation, I think, to just describe why some 21 series of data look the way they do. 22 Is this in written form or is this oral? Q. 23 No, no, just by showing three figures one after the Α. other from the Decision. That is it. 24 Q. Shall we do that now, because this document is not 25
- 3

- 1
- coming up at the moment.

2 THE PRESIDENT: Why do we not do that now.

A. Okay. So we were referring to market shares which had
stabilised around 50%. That discussion was done among
the experts in the context of market definition, and we
were looking at the whole time series of the post-entry
period. So I may ask you just to put on the screen
figure 3.20 and 3.21, {IR-A/14/163} if possible.

9 Thank you very much.

So the diagram on the top refers to market shares by 10 11 volumes, physical units over the entire period after 12 entry. We have -- instead I was referred to some other 13 figures during the dominance period, but this is the 14 entire period, and time period -- and you will see that 15 the market share of Auden obviously decreases from 100% 16 rather rapidly in the first year and a half and then, 17 you know, fluctuates around 50%. This is what --18 a statement which was proposition 21 in the joint expert 19 report which I agree with. I was referring to the 20 overall trend of the data. If you look at the data 21 a bit more closely it's not stable. Sometimes it is 22 60%, sometimes it is 40%. In a period it is even 30%. Anyway, compared to the initial big jump most of the 23 24 switching did happen initially and then the market share stabilises around 50%, plus/minus 10%. 25

1 Instead the diagram below is the market shares in 2 terms of value, so value means price times quantity, 3 pounds value. So these are different figures and it 4 does not stabilise. It does not stabilise at all. 5 Actually it comes down then it goes up, and then it 6 comes down again at the very end.

7 So if I now can put figures 7 and 8 in my report, 8 figures 7 and 8 in my report, it would be at -- you can 9 put next to each other, that would be {IR-F/1/27}, and 10 if you can put two pages next to each other it will be 11 27 and 28 {IR-F/1/27-28}. Thank you. So one next to 12 each other. The next page as well, 27 and 28.

13 It is basically zooming just on the first part, just this is during the dominance, okay. So it is just 14 15 a subset of the data set that I have just shown you. 16 Before it was the longer series, this is just a subset. I can see there again there is this convergence, say, 17 around 50% and then it has stabilised around there 18 19 plus/minus 10%, and instead when it comes to value it 20 does not.

How can we square all of this? That is the last figure I promise I will show you. As we said, one figure is about volume shares, so physical units. The one other is, it is value shares. Value is price times quantity, so it would be relative quantities weighted by relative prices. So the missing information is relative
 prices.

So the last diagram I would like to show and then 3 I will stop is {IR-A/14/398}, which is over exactly the 4 5 same period as the figures 7 and 8 I have just shown. Very good. Only the top figure, because we are not 6 7 discussing about 20mgs. So, the relative prices are described by the lighter red almost pinkish curve, the 8 relative prices, and where the price difference 9 10 increases over the same -- this is the same time period 11 as the previous figures 7 and 8, the same, and it goes 12 from the same prices to a difference of 100%, 200%, 300, 13 400, 500%. So over -- this is the period or during alleged dominance. 14

15 So this explains the difference between the two 16 diagrams. If you multiply, basically, this pink curve 17 times the market share curve in terms of physical units 18 you get the market shares in terms of sales value. So 19 that is where those discrepancies are coming from. 20 I hope it clarifies the differences. Thank you. 21 MR BREALEY: Thank you, professor. Thank you.

22 So, just on that -- I am looking at your figure 8, 23 which is at {IR-F/1/28}. I think you referred to that. 24 So, {IR-F/1/28}6 ... and enlarge that. Yes.

25 A. Yes.

1 Q. So I think what you are -- I do not have the transcript 2 in front of me, but I think what you said was that it broadly, plus or minus 10%, converged to 50%? 3 It fluctuates around 50%. 4 Α. If you take -- so if you look at, for example, just 5 Q. before April 2016 you have a lot of blue and then you 6 7 have a triangle coming down, and then it goes up blue 8 again and then October 2016 it comes down. 9 Concentrating on October 2016, it goes then up to blue --10 11 -- and down, yes. Α. 12 Ο. -- and then down. So these are monthly fluctuations, 13 and I just remind you that the CMA put to Mr Bishop, we 14 can go to it if you want, that it was more appropriate 15 to average out over a longer period of time given the 16 lumpy nature of ordering patterns; do you remember that? Yes, I'm neutral on whether it is better. I think both 17 Α. 18 ways of collecting data are informative. 19 Q. But if you average it out it does --20 By definition if you average out things that go up and Α. 21 down, the ups and downs will move -- will become -- more 22 move, yes. 23 It is roughly at 50%. Q. 24 It fluctuates around 50%, yes. Α. Q. Yes, thank you. 25

1 A. You are welcome.

2 So, we were, I think, going to the transcript and we Q. 3 were, I would hope, going to Day 7, page 45 {Day7/45:1}. 4 Now, I just want to look at the perception of Boots 5 that Mr Holmes put to Mr Bishop to try and persuade him that Boots was an assured customer. 6 7 If you go to 45 line 12 $\{Day7/45 \ 12\}$, and then if you read on to page 47, line 17 {Day7/47:17}. So if you 8 9 just tell the lady when you are finished, but I would 10 just note while you are going there that this is 11 Mr Holmes taking Mr Bishop to a document, a Boots 12 document, and it is by the senior ethical commercial 13 development manager at Boots. That is line 20 14 {Day7/45:20}. That is the senior commercial development 15 manager at Boots. Mr Holmes goes down and we can go down to 46 {Day7/46:1}, and just read that. I do not 16 17 want to take anything out of context. Did you say 46? 18 Α. Page 46. 19 Q. 20 Α. Page? 21 Ο. There is not much there that I want to refer to, but you 22 see there 95% of tablets are dispensed for patients over 23 18 years. 24 Yes. Α. Then 47 --25 Ο.

1 Α. Can you remind me which date that was. Early 2016, you 2 say? Yes, so this is January 2016. 3 Q. Thank you. 4 Α. 5 Then 47, Mr Holmes says "At (a)", this is the document: Q. "... the author says that a full switch of Boots' 6 7 preferred product to a skinny label alternative product 8 is not possible and the reason that is given is that the 9 alternative product does not have all licensed indications 'and'" 10 These are the words that he emphasised: 11 12 "... 'and would only be acceptable clinically and 13 ethically for 5%.' 14 Would you agree that the 5% is the 5% of non-adult 15 prescriptions?" 16 Answer: It appears to be, yes. 17 Question: The author is saying that for 95% of a 10mg tablet requirements Boots' perspective is that it 18 is not possible for it to use skinny label; is that 19 20 right? 21 Answer: As of January 2016. 22 "Question: The author is not saying this is just 23 a matter of commercial preference. They are saying in 24 their view it is not possible and not possible because 25 of the orphan designation issue?

Answer: In their view, yes."

2 I would just like to clarify whether you agree with what Mr Holmes is essentially putting to Mr Bishop, that 3 the reasons are concerned -- and you will see this on 4 line 5 and 6 $\{Day7/47:5-6\}$, that to Boots it would not 5 be acceptable clinically and ethically? 6 7 Α. Yes, that is what it says. That accords with your understanding? 8 Ο. That is what it says, yes. 9 Α. 10 Q. I shall not go --11 We know that that was not correct, because -- but that Α. 12 was the interpretation of Boots because there was no 13 ethical or clinical difficulty. So we know that that 14 was not the case, but that is the way I can read that 15 Boots interpreted it. Then if you then -- page 53, if you go to Lloyds. 16 Q. 17 Again, we will not go over old ground, but you will see line 16 on page 53 {Day7/53:16}: 18 "Question: ... Now, you see that Lloyds explains 19 20 that it considers that using a skinny label product 21 outside of its licensed indication would be contrary to 22 the principles of the UK medicines licensing system." 23 So again, that, you would accept, was at least 24 Lloyds' perception at the time? That is again what I can read, yes. 25 Α.

1 Q. Again, I will not go over old ground, but you do you 2 remember I took you to the assured customer base. Can we go to the transcript on Day 7, which is page 166. 3 {Day7/166:1}. I would just like you to read 166 and 4 5 167, just to remind you what your evidence was. That was my evidence? 6 Α. 7 Q. Sorry, I should clarify. This is now moving to you. Okay. 8 Α. So this is not Mr Bishop, this is you. Apologies. 9 So Q. 10 at 166 I have taken you to the Decision on assured 11 customer base. I have taken you to the joint statement. 12 (Pause) 13 Yes. Α. Then I would just like to remind you what you said 14 Q. 15 at 167, line 4 {Day7/167:4} when asked about the assured 16 customers: 17 "Answer: So, I agree with the spirit of the 18 paragraph, but ..." Then you go on at line 6 {Day7/167:6}: 19 20 "Answer: ... What I write in my report very 21 explicitly is that I consider there are basically two 22 market segments, one which is price -- , more price-sensitive and one which is less price-sensitive, 23 24 and the skinny label suppliers could not compete because of the orphan designation for the more inelastic segment 25

of the market ... "

2 Yes. Α. 3 Q. That is what you said. Then finally, I would like to just go back to 4 5 proposition 21 of the joint statement which is at $\{G1/1/15\}$, where you said: 6 7 "The bulk of switching was within the first 12 months [and then] with limited switching thereafter." 8 9 And you agree. Yes, and I think it was useful to present the 10 Α. 11 information about the figure, because that was the 12 context we were discussing among -- . So can I just go 13 back one page of the joint report, one page only, to the 14 previous page 14 {G1/1/14}. Thank you. It is called 15 "relevance of trends". For instance, on the last column 16 Mr Holt talks about prices up to May 2021 as you can 17 see. If you go to the next proposition, is it 19 18 I suppose? Next page, please $\{G1/1/15\}$. Yes, we are also talking about -- the proposition itself talks about 19 20 prices from 2016 to 2021. So I gave my agreement to 21 that statement where we, the economists, were discussing 22 about the bulk of evidence in the entire post-entry 23 period. 24 Q. Yes.

25 A. Yes, and limited -- again, limited with respect to what?

- Limited in respect to the big jump in switching we had
 observed in the initial period.
- Q. Yes, but limited -- I mean, I think a moment ago you said that the market shares broadly stabilised plus or minus 10%?
- A. Between 40 and 60%. So that's -- this is not
 irrelevant. But yes, but I said on average it was 50%.
 I was averaging out.
- 9 Q. Yes. So I then asked you a question, and if we go to
 10 page 174 of the transcript at line 21 {Day7/174:21}.
 11 This is where we got into the debate at the end of
 12 Friday. So, I say at line 21:
- 13 "Question: ... Now, given that there was limited14 switching after the first year ..."
- 15 Now, that is proposition 21, limited switching; yes? "... and given that there was a lack of effective 16 17 competition between Auden and the skinny suppliers" --That was again your evidence, and I repeat it ... 18 19 "... limited switching after the first year, and 20 given that there was a lack of effective competition 21 between Auden and the skinny suppliers after the first 22 year, logically the fall in Auden's prices after the first year was not ..." 23
- 24 Then can I insert the word "mainly":25 "... was not mainly caused by any direct

1		constraint?"
2		Now, if I ask the same question but insert the word
3		"was not mainly caused by any direct constraint",
4		I would assume that you would agree with that?
5	A.	So the period is what, in which years?
6	Q.	After the first year.
7	A.	It is
8	Q.	There is limited switching, there is lack of effective
9		competition.
10	Α.	I think we have not been able to distinguish between the
11		direct and indirect constraints. I have seen evidence
12		of both.
13	Q.	What is the evidence of a direct constraint after the
14		first year that you refer to in your report?
15	Α.	So, for instance, can we take the figure
16	Q.	Can you just take the figure.
17	Α.	Sure, I just would like to pick up the right figure,
18		which is the figure which has the drug tariff mechanism
19		and the prices of the various competitors.
20	Q.	Before you go to a figure, could you just
21	Α.	Because that would just
22	Q.	Just explain orally and then we can go to it.
23	Α.	So
24	Q.	What would be the evidence in your report which shows
25		there is a direct constraint between the skinny and

1 Auden which would be the main cause? 2 A. For instance, if I can refer, if you will allow me to 3 pick that figure, let us pick the figure that you showed me earlier. That is $\{IR-A/14/142\}$. So these are the 4 5 wholesalers' sales. Q. Sorry? 6 7 So, for instance, jointly AAH and Alliance, they double Α. 8 their proportion of skinny between 2016 and 2017. 9 Q. These are wholesalers, so --10 Α. Yes, but these are the firms to whom the manufacturers 11 are actually selling to, because this is relevant for 12 them. If you actually look after 2017, because again 13 the discussion was in the context of defining the 14 competitive constraints in the market, you will see that 15 that figure has increased even further. Yes, but --16 Q. 17 So there has been --Α. As was put to Mr Bishop, the whole -- let us concentrate 18 Q. 19 on the pharmacies, shall we? 20 Yes, let us concentrate on the pharmacies. Α. 21 Q. (Overspeaking) 22 There is -- so, we are in agreement that there are Α. 23 roughly two segments, one which is more inclined to be 24 price-sensitive and one which is more price-insensitive. 25 Okay. We are in rough agreement with that and I have

never disputed it.

2 But the evidence is that, for instance, after the 3 first year in 2016 Morrisons did buy more, for a bit, of 4 skinny.

5 Q. For a bit.

6 A. Sorry?

7 Q. For a bit.

A. For a bit, yes. Yes, for a bit. I observe, let us take
two pharmacies like, let us go back to {IR-A/14/135},
the one that you showed earlier. It is not -- so it is
a bit earlier than that. It is table 3.8. 135.
Q. So, what Mr Holmes suggested to Mr Bishop and he agreed.
A. No, no, you asked -- can I finish the comment, just --

- 14 Q. You can.
- 15 A. So 135.
- 16 Q. 135.
- A. 135. It is the same table you showed earlier. Just to
 pick that --

19 Q. 135 or 145?

A. 135. Thank you, that's perfect. So, for instance, let
us take two buyers which in principle look similar to
us, Sainsbury's and Tesco are large supermarket chains
in the UK that went for very different choices.
Sainsbury's decided not to buy any skinny label ever in
that period and instead Tesco decides to concentrate

1 most if not all on -- so there is (inaudible) and some 2 pharmacies were experimenting, the more price-sensitive 3 large group or the independent decided to go early on on 4 skinny, and the others instead made different choices. 5 But Morrisons, you see there are some numbers, so to say there is no switching whatsoever is, again, it is 6 7 a strong characterisation. I do accept that there is, roughly speaking, two different groups which have 8 different elasticities of demand. 9 10 Q. And no substitution between the two different groups for 11 any -- to any significant extent? 12 Α. I do not know what it is any -- there is substitution, 13 so --14 Significant substitution? Q. 15 Significant substitution, I have seen some substitution. Α. 16 I have seen the market shares, let us say, another -- go 17 at a different figure, so maybe data --18 Let us just go to another figure. Q. 19 They -- visualisation may differ. Can I have, please, Α. 20 {IR-A/14/336}, please. 21 O. IR-A/14 now? 22 Yes, 336. Okay. These are -- these bars represent --Α. 23 it is another visualisation of something everybody has 24 seen but maybe it jumps out in a different way. These are the market shares. The dark bars are those of full 25

1 label. They start from 100%. They go down in the first 2 year and a half, I would say not just the first year, and then they do fluctuate. It may be the lumpiness of 3 4 the purchases, it may be -- so no one is able to go down 5 to that granularity in the data. But to say that there has been no switches, no switching when this kind of 6 7 data is in front of you would be a very, you know, extreme statement. 8

Did I say -- sorry, Professor Valletti, we got hung up 9 Q. about this last Friday. I did not say "no switching"; 10 11 I asked you the simple question: what is the evidence 12 that you have in your report which shows that there was 13 any significant switching after the first year, 14 particularly given your evidence that you say there is 15 limited substitution and a lack of effective 16 competition. Given those two facts, could you point to me, in your report, any evidence of any significant 17 18 substitution in the period after the first year. 19 Thank you very much. I think you are asking in general Α. 20 the wrong question. Let me take you through it so you 21 see --22 So I --Q. -- a very simple example. Let me take you through 23 Α.

25 Q. Can I -- no, no. We are on the transcript. Can you

a very simple example.

24

1 just say, I do not have the evidence. 2 No, I think that this evidence would not be telling us Α. 3 any useful information. So if I may just give 4 an example. 5 Well, you can say --Q. 6 Α. (Overspeaking) 7 Q. (Overspeaking) With respect, Professor Valletti you can 8 say it is not useful, but can we just have the answer to 9 the question: where is the evidence? If you say there is no evidence, fine, and then you can tell me and the 10 11 Tribunal why it is not useful. 12 A. So --13 But to answer the question, "it is not useful", is not Q. 14 answering the question: where is the evidence of demand 15 substitution? You asked me a slightly different question. Maybe 16 Α. 17 I have misunderstood it, in which case I do apologise, that there is no evidence that there is any direct 18 competition. I said in my report it is very difficult 19 20 to unravel the difference between direct and indirect 21 effects. For the purpose of market definition it does 22 not matter. It does not matter given the ample evidence 23 that we have overall in the case about the pattern of 24 substitution, the pattern of prices and other elements of the case which I do mention in my report. 25

1		I do observe some patterns of continuous
2		substitution at the wholesale level, more limited at the
3		wholesale level at the, sorry, at the pharmacy level.
4	Q.	At the pharmacy level.
5	Α.	At the pharmacy level, but there is evidence of
6		continuous substitution at the
7	Q.	at the wholesale level
8	Α.	wholesale level.
9	Q.	because they are obviously supplying independents,
10		yes, as Mr Holmes said to Mr Bishop. Do go on, yes?
11	Α.	Yes, and to focus on the relative market shares
12		whether they are stable or unstable, it is a parameter
13		but it is not evidence of anything. So if I might
14		just maybe it is helpful, if it is not helpful then
15		I will interrupt myself, if it is helpful: consider the
16		following example.
17		Take a firm which is a monopolist, it has
18		an invention and it has a full market share. Then this
19		firm, successful, but attracts the (inaudible) of some
20		other firms. They enter a second firm enters the
21		market with a slightly moderate differentiation. There
22		will be a transition period when market shares will
23		adjust a lot obviously, because there is a new market
24		entrant. Prices will go down, and we reach what we call
25		in economics a new equilibrium, competitive equilibrium,

1 I am not making any assumptions here. The market will 2 split perhaps 50/50, one firm is located to the left of 3 the town and one north of town and another one south of 4 town, so customers will go to the closest supplier and 5 the market will stabilise around 50/50% for each firm. It is a competitive equilibrium. It is a new --6 7 the prices are low. There is no further entry so the situation is pretty stable. You will have no further 8 switching, obviously, because you have reached 9 a competitive equilibrium, 50/50. There is no -- it 10 11 does not imply at all that these are in different 12 markets, just the numbers will tell you that you reach, 13 after a transition phase, a new equilibrium. That is 14 why I am saying focussing on actual switching, 15 especially when one product is perceived of higher 16 quality, is not a very interesting parameter for finding market definition in. 17 Q. To be fair, that is what you say in your report. So if 18 we just quickly go to your report and then I will move 19 20 on. 21 If you go to $\{IR-F/1/15\}$. I will not go to -- if 22 you just enlarge it. So, here is where you say:

23 "There are two mechanisms by which skinny label 24 imposes a competitive constraint on full label for 25 10mg ..."

1		You say there are direct constraints and indirect
2		constraints; yes?
3	A.	Correct.
4	Q.	You define the direct constraint as:
5		" the standard constraint that we see in any
6		market where competition between substitute products
7		leads to a downward pressure on the prices of both
8		products."
9		Now, that, I think you would say, is the classic
10		demand size substitution?
11	Α.	Yes.
12	Q.	Yes. Then you have at paragraph 35 the indirect
13		constraint, which Mr Holmes has described as the
14		regulatory constraint because it operates via the drug
15		tariff; yes?
16	Α.	Yes.
17	Q.	Then over the page at 36 you say:
18		"There is a legitimate debate as to the exact
19		relative importance of each constraint in reducing
20		the price of full label tablets."
21		You go on to say:
22		" the exact strength of each constraint is not
23		important:"
24		Yes?
25	Α.	Mm-mm.

1 Q. So I would suggest to you that after the first year you 2 do not adduce any compelling evidence of a direct constraint as you have defined it in paragraph 32, any 3 evidence of a direct constraint for the period after the 4 5 first year. What you do say is, it does not matter. Yes, so in --6 Α. 7 Q. So is that a "yes" to the question? No, it is not true that I do not present any evidence, 8 Α. 9 but there is evidence and I say there is evidence 10 especially at the wholesale level and we have commented 11 on that just five minutes ago. 12 Q. Does the wholesale level mean there was switching 13 between the independents and the main pharmacies? So, the wholesale level, there is competition at the 14 Α. 15 wholesale level and there is no ability to discriminate 16 between the wholesaler who is selling to Boots versus 17 the wholesaler who is selling to Tesco, say. So they 18 cannot do that, so there will be competitive constraints. 19

20 Once again, in the example I gave you, without any 21 tariff mechanism, so without any indirect mechanism, 22 indirect effect, I just told you that there is very 23 plausible ways where there is competition, there is 24 potential to substitute. However, the market does 25 convert to a new equilibrium and so you do not observe

- the switching. So observing for the switching is not
 determinative of anything.
- Q. So the fact that -- you have not observed any switching;
 is that correct?
- A. I -- we have observed some switching, more limited than
 compared to the initial period.
- Q. Right. So we have established at paragraph 32 of the
 report that the direct constraint is essentially, is the
 standard demand side substitution. That is what you
 have just said?
- 11 A. Yes.
- 12 Ο. So, on that, can we go to $\{M/14\}$, which is the 13 EU Commission's market definition and guidelines $\{M/14/1\}$. I can see that is also found at $\{H/655\}$. 14 15 This is the Commission notice on -- now, I cannot see 16 that you refer to this in your report; is that true? 17 I do not remember. By the way, these guidelines have Α. 18 been just revised, as you probably know.
- 19 Q. Have they been adopted?
- 20 A. No, but --
- Q. So these are the ones in force and these are the onesthat were in force at the time.
- A. Sure. But they have been circulating for a couple ofyears.
- 25 Q. They have been circulating, and I do not think -- you

1 will correct me if I am wrong and you can show me the 2 updated ones I have seen. I do not think they alter 3 what I am about to say.

So, these are the Commission guidelines. If you go
to recital 13, "Basic principles for market
definition -- Competitive constraints". Recital 13,
this is the basic principle:

"Firms are subject to three main sources of 8 competitive constraints: demand substitutability, supply 9 10 substitutability and potential competition. From an 11 economic point of view, for the definition of the 12 relevant market, demand substitution constitutes the 13 most immediate and effective disciplinary force on the suppliers of a given product, in particular in relation 14 15 to their pricing decisions. A firm or a group of firms 16 cannot have a significant impact on the prevailing conditions of sale, such as prices, if its customers are 17 18 in a position to switch easily to available substitute products or to suppliers located elsewhere. Basically, 19 20 the exercise of market definition consists in 21 identifying the effective alternative sources of supply 22 for the customers of the undertakings involved, in terms 23 both of products/services and of geographic location of 24 suppliers."

25

Now, I cannot believe that you are going to disagree

1 that those are the three main sources of competitive 2 constraint: demand substitutability, supply substitutability and potential competition? 3 4 Α. I agree. Can I add, though, that this case has 5 a special quirk that we cannot ignore. There is a drug tariff mechanism, and of course the general guidelines 6 7 of the European Commission cannot capture those things. I think we agree on that. 8 So the regulatory constraint is a special guirk? 9 Q. 10 Α. Well, it is a characteristic of this market. When I am 11 considering who is competing and how I need to consider 12 it. I cannot just dispense and forget about it. It 13 would be strange. Q. If one goes to recital 14, the Commission then 14 15 distinguishes between the demand side substitution and 16 supply side and potential competition. It says: 17 "The competitive constraints arising from supply 18 side substitutability other than those described in 19 paragraphs 20 to 23 and from potential competition are 20 in general less immediate and in any case require 21 an analysis of additional factors. As a result such 22 constraints are taken into account at the assessment 23 stage of competition analysis." 24 So you would agree, I think, that the demand side

substitution is the classic test for a market

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1 definition, and while supply side and potential 2 competition are not irrelevant, the Commission is saying that they are generally taken into account at the 3 4 assessment stage of the competition analysis stage; correct? 5 A. That is -- because typically it takes time and cost to 6 7 enter a market. That is the standard approach to market definition? 8 Ο. 9 It is, yes. Yes, and as we know, market definition is Α. 10 not an exercise we do in itself, etc., etc. So this is 11 also something that would be in the guidelines. 12 Q. I am just going to take you to a case, not to -- it is 13 because of the law, but if one can go to the EasyJet 14 case which is at $\{M/48.12/36\}$ at paragraph 99. We see 15 there the General Court endorsing what the Commission has said in its market definition guidelines: 16 17 "As the Commission stated in the notice on market 18 definition, companies are subject to three main sources 19 of competitive constraints: demand substitutability, 20 supply substitutability and potential competition. From 21 an economic point of view and for the definition of the 22 relevant market, demand substitution constitutes the 23 most immediate and effective disciplinary force on the 24 suppliers of a given product, in particular in relation

to their pricing decisions ..."

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1 It is essentially a quote from paragraph 13. It 2 then goes on to say:

3 "Substitutability must therefore be looked at not
4 only from the supply side but also from the demand side,
5 which remains, in principle, the most effective
6 assessment criterion."

So when in paragraph 32 you refer to "the direct
constraint", and you have said that is an element of the
demand side substitution, you would accept, I take it,
that the demand side, the direct constraint which you
refer to at paragraph 32, in principle is the most
effective assessment criterion for market definition?
A. That is what the guidelines say.

14 Q. And that is what the court says?

15 A. Yes.

Q. The indirect constraint, the regulatory constraint you rely on is not one of the three main sources of competitive constraint referred to, is it?

A. Obviously it is not a common feature across markets, so
it is not in the notice of the Commission. Obviously it
is a very special mechanism, yes. But it does affect
this market.

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Q. Again, if one goes to the joint statement, to
proposition 1 at {IR-G1/1/2}, you agree that:
"The objective of market definition is to identify
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products which are sufficiently substitutable to act as a sufficient competitive constraint on the focal product and thus be considered in the same market."

4 So the objective is to identify products which are 5 sufficiently substitutable. Again, the indirect regulatory constraint is not of that nature, is it? 6 7 Α. So, I am a bit puzzled by your questions because whatever the answer we need really to be able to 8 interpret the facts, and the facts of this case, no 9 10 matter how you are going to turn the arguments around, 11 is that there was only one thing that occurred in this 12 market which was entry, entry by skinny labels and the 13 entry of skinny labels, by whatever combination of factors, turned the market upside down. 50% of the 14 15 customers switched from full to skinny, 95% price decline over a period of time. On top of this we also 16 have an agreement that was trying to delay entry, 17 18 because entry was perceived as a threat to competition, 19 as a threat to the -- sorry, to the rates that Auden had 20 created. There is a price discount which is very big, 21 which is what Allergan renegotiated when they bought 22 Auden from £520 million to £320 million, that is a 40%23 discount. If you put all these elements together, I am sorry, as an economist I do not know what to answer. 24 These things are not things which are unrelated to each 25

1 other. You are going really towards a very formalistic 2 approach which I do not think is very useful, because 3 I need to make sense of the facts as an economist, and 4 these are the main facts. Whatever the causes, it is 5 skinny label that turns the market into a new phase, 50% of the market switched away over time and then the price 6 7 went down, and all the other factors which I mentioned 8 to you.

But I also disagree with something you said earlier, 9 10 and I want to go back, that I do not present any 11 evidence. So since you want to unravel -- this 12 obsession about unravelling the direct versus indirect. 13 Can I please go to $\{IR-F/1/14\}$, and I want to -- because this I need to clarify. Can you please magnify, it 14 15 would be nice to magnify the figure 4, which is more or 16 less what you have in the Decision. So -- and I want also to make a couple of observations there. 17

18 This drug tariff mechanism is very complex, it has 19 a lot of features. I went back to it. Let us remind 20 ourselves that this is a category M drug. For some 21 reasons which are unknown to me the only drug that was 22 put in this basket at the beginning of the period was only AMCo; not even Auden was there. AMCo alone. So 23 there is -- Alissa enters -- it is not, though, in 24 category M, okay? Because they adopted -- they do not 25

belong to the Scheme M. There is entry of Resolution
 and then Bristol. They are not Scheme M. So again,
 they do not take part to the price which comes from the
 drug tariff mechanism. They do not.

5 In the drug tariff mechanism you only have AMCo at 6 the beginning, at some stage finally Auden enters. If 7 you look at the data in that period it just happens that AMCo was more expensive than Auden, so you see that the 8 price goes still a little bit up in the drug tariff 9 10 mechanism simply because Auden -- and then starts going 11 down because Auden was slightly cheaper than AMCo by 12 a couple of pounds. There is no further entry in the 13 drug tariff mechanism until March 2017, okay?

The weight in the drug tariff mechanism that Auden 14 15 gets when they do enter in the drug tariff mechanism is 16 around 80%, if not bigger. So most of the drug tariff mechanism until February 2017 is largely driven by the 17 18 price of Auden, and the price of Auden is going down. 19 Why is it going down? Because they have found some 20 competition. So this is well above the first year you 21 are talking about.

Let me go on. Let me go now towards -- to the end of 2017, okay, with one exception which was these AMCo prices which are a bit strange and they are very small in volumes because they represented something they

1 procured to a hospital, basically competition among 2 skinny labels has stabilised. Those prices are very 3 cheap, okay? They are not going to put any further 4 downward trend on the drug tariff mechanism. Instead 5 the drug tariff mechanism still goes down. Why? 6 Because there are also probably direct constraints, and 7 that is what I say in my report by the way. I cannot distinguish the weight of those two, but it is 8 impossible for me to tell that everything comes only 9 10 from the drug tariff mechanism and there is no direct 11 constraints, because the evidence can point in both 12 directions. It is probably both, I am saying.

13 The last point I will make, because an example was made last week that the drug tariff mechanism is akin to 14 15 linking to the price of bananas, obviously that was 16 an extreme example for the sake of it. But that is a misleading example, because if you did price -- if you 17 18 did link the price of full label to the price of bananas 19 and imagine the price of bananas was going down, sure, 20 the price of full would come down but there are two 21 fundamental differences: (a) bananas are not 22 biologically equivalent to full label tablets, 23 obviously. Instead the skinny label are, which is to me 24 quite a good starting point, and secondly, if you had a much cheaper price of bananas you would not switch 50% 25

of the market from a full to skinny, which is a gigantic
 factor in this market. So this is not just linking
 prices randomly; this is linking prices of two products
 which belong roughly to the same market.

5 Q. Very good. One thing one thing I can agree on in that 6 quite long answer is that what one has to do in market 7 definition is weigh up all the factors; you would agree 8 with that? Weigh up all the factors which are relevant 9 to market definition. You have to look at it in the 10 round.

11 A. In order to understand the economic constraints on the12 focal product, that is what you have to do.

13 Q. You have to weigh up all the relevant factors.

14 A. For its own sake, no.

15 Q. You do not?

A. For its own sake, no, because market definition is not
an end in itself. This is, you know, the guidelines as
well. So I do not, I need to understand the boundaries
to competition.

Q. If one -- the last document I will take you to is the joint expert report, proposition 44, which is at {IR-G1/1/28}.

23 A. Which proposition?

Q. {IR-G1/1/28}. The joint expert report. Now, at
proposition 44 you say:

"Exact market definition does not matter to the
 assessment of the 10mg Agreement."

And you agree with that. Then the reason you giveis:

"Either Auden/Actavis was dominant and entered into 5 an agreement to exclude a potential competitor (if full 6 7 and skinny are in the same market) or Auden/Actavis was a monopolist in full label tablets market and the 8 agreement delayed entry of constraint that put 9 10 substantial downward pressure on prices and volumes of 11 full label tablets (if separate full and skinny label 12 markets): I tend [and this is what I want you to focus 13 on] to be more inclined towards the first explanation."

Now, I am not going to ask you about the reasons there, Mr O'Donoghue will, but I want to just ask you about the words, "I tend to be more inclined towards the first explanation." Because that suggests, to me at least, that the answer to the market definition exam question in this case is quite finely balanced.

20 A. Yes, yes.

Q. You will be aware that Dr Bennett and Mr Holt believe
there are two markets; correct? This is what they say?
A. Yes. I haven't seen any in their analysis that made me
change my opinion.

25 Q. No, and you will be aware that Mr Bishop believes there

1 is one likely market but there is likely two markets if 2 there is an assured customer base. I think you saw, you heard his evidence on Friday; correct? 3 4 Α. Yes. 5 So assuming that you are right and that there is Q. an assured customer base and that is a fact, the three 6 7 other experts in this case conclude that there are two 8 separate markets; correct? 9 A. So --Just bear with me, yes? There are three --10 Q. 11 If I understand correctly, Mr Bishop is saying there is Α. 12 one. 13 Q. One, but if the Tribunal was to conclude, and on the 14 basis of your evidence, that there is an assured 15 customer base, he said he would likely say there were 16 two separate markets; correct? 17 Α. Yes. 18 Q. Can I just ask the question? 19 Α. Please. I am just postulating. Now, you may say that the views 20 Q. 21 of these three experts are wrong, but given what you 22 have just said about this exam question being finely 23 balanced they are not unreasonable, are they? 24 A. I think we are really putting ourselves into this strait 25 jacket of market definition.

- 1 Q. Are they unreasonable views to hold?
- A. My view on this case is that full and skinny belong to
 the same market.
- 4 Q. Yes.
- 5 A. So I am in disagreement with their views. I am in 6 disagreement.
- Q. You are in disagreement. Are the views of the otherexperts unreasonable?
- 9 A. I am in disagreement, I do not know what -- can I limit
 10 myself to --
- 11 Q. Well, because what I am suggesting to you that you are 12 giving evidence to the tribunal, you are not giving 13 evidence to this side --
- 14 A. Absolutely.
- Q. -- and I am postulating to you that there are a range, there is a range here and it is reasonable to hold that there are two separate markets, and if the Tribunal was to conclude there are two separate markets you may believe that it is -- the Tribunal was wrong, but it would not be unreasonable.
- 21 A. I am, sorry, this is a --

22 Q. It would be open --

A. This is thin ice for me because I am not sure. I would
say that I would be in disagreement because it would not
be in line with my assessment which I have observed. If

1 they were in different markets I would not be able to 2 reconcile with the fact that I have observed substantial switching in this market in the extent of 50% plus/minus 3 4 10% in other periods, prices declining for whatever 5 reasons by 95%. I have -- that would not be in line with the fact that Actavis renegotiated their 6 7 acquisition price of Auden and gave a substantial discount. That would not be consistent with my view 8 about the agreement, so I would be in disagreement for 9 10 a variety of factors. I would disagree on the basis of 11 my reasoning. 12 Q. Yes. But the contrary view is not unreasonable because 13 the question is finely balanced? 14 MR HOLMES: I think this question has been put several times 15 and I am not sure that Professor Valletti can really 16 comment on the reasonable or unreasonableness of other views. 17 18 MR BREALEY: I am trying to establish --MR HOLMES: He has set his own view about market definition 19 20 which is all that he can reasonably be expected to 21 supply. 22 MR BREALEY: I am not sure that is correct. I think an 23 expert can legitimately say, "I disagree with expert A, 24 but his view is not unreasonable and it is one that could" --25

1 A. Well, I will comment more specifically.

THE PRESIDENT: This is a very difficult area to traverse because you are really asking Professor Valletti to articulate the distinction that the Tribunal often draws between an "on the merits" appeal and a JR. I mean, what Professor Valletti is saying is he thinks the other experts are wrong.

8 MR BREALEY: Yes.

I have articulated in my report why they are wrong. 9 Α. THE PRESIDENT: Indeed, and they have articulated in their 10 11 reports why they are right. If we conclude, and that is 12 a matter for us, that the other experts are so far --13 any expert is so far off the radar to be holding unreasonable views then of course we will say so. 14 But 15 I am not sure that this witness's characterisation of 16 what another expert is saying in terms of anything other than error is particularly going to assist us. We are 17 18 perfectly prepared to accept this is a difficult area that we are going to have to apply our minds to and it 19 20 is not a no-brainer case, but how much further on that 21 can Professor Valletti's view that he thinks the other 22 experts are so wrong that they are actually putting 23 forward an unreasonable viewpoint? I mean, it is 24 tantamount to asking him to comment on whether they are actually trying to lead the Tribunal up the garden path. 25

1

It is a very hard question.

2 MR BREALEY: I do not think that was the sense of the question, but I will leave it with -- this is, according 3 to Professor Valletti, a finely balanced question. 4 5 THE PRESIDENT: Okay. I mean, Professor, look, what you are being asked is not do you disagree with the other 6 7 experts. It is quite clear that you do and you have set out your reasons why. You, not to put too fine a point 8 on it, think they are wrong and they, for the reasons 9 they give in their report, think that you are wrong to 10 11 the extent that they disagree. 12 Are you able to provide any insight as to degrees of 13 wrongness? I mean, that is what you are really being asked. 14 15 Α. So, the degree of wrongness. There is one thing, for

16 instance, I am very happy to go on the record. I thought it was misleading when Dr Bennett told you 17 18 last Wednesday that he had performed standard tests in market definition taken from the toolbox. He has not 19 20 done standard tests. He has done the wrong SSNIP test 21 using relative prices. But not even that, he used 22 observed prices. He has not run any SSNIP test, which 23 is not compulsory. It is not an obligation to run 24 a SSNIP test by the way, but he has not done it in the right way, he has done it in the wrong way. He has done 25

1 it repeatedly in the wrong way, and I express in my 2 report, so I am 100% sure that what Dr Bennett has done 3 is wrong as a matter of economics, and I am happy to say 4 that, to go on record. So it is not reasonable. 5 I would not say it is possibly reasonable. It is unreasonable to me what he has done. No one has done 6 7 a correct SSNIP test in this case. It is as simple as that. 8

The other positions are more nuanced. I -- you 9 10 commented on Mr Bishop, Mr Bishop has not done anything 11 on market definition, so I cannot even know what his 12 views are on market definition because you are trying to 13 use his assessment of dominance and break it back through another way. I am very pragmatic there, and 14 15 I am simply saying on the basis of the facts I have 16 seen, of the evidence presented by the other expert, they have not convinced me to any reasonable degree that 17 18 there is a possibility that they are right. So I have 19 responded.

MR BREALEY: I have no further questions. I think
Mr O'Donoghue after the break may have some questions on
Dr Bennett's SSNIP test, but we will see.
THE PRESIDENT: Thank you very much, Mr Brealey.

24 Mr O'Donoghue, do you want to take a break now or do you 25 want to make a start? Why do you not make a start,

Mr O'Donoghue, unless, Professor you want a break after
 nearly an hour.

3 Cross-examination by MR O'DONOGHUE MR O'DONOGHUE: Professor Valletti, what I want to cover 4 5 with you primarily is aspects of market definition not covered by Mr Brealey, and of course the question of 6 7 an object restriction. There is one point I want to pick up here, a short point but it is an important one, 8 and it is picking up on your comment on the 9 10 reasonableness of Dr Bennett's views in particular. 11 Now, can I show you two documents and then I have 12 a handful of questions. 13 First, can we bring up {IR-N/23.1/3}, please. Now, 14 this, Professor Valletti, is an interview you gave last 15 year to Counterbalance; do you remember that? Yes. Can you remind me the period, because I do not 16 Α. 17 remember when it was. 2021. 18 Q. Maybe it is on the first page. 19 Α. 20 April 2021. Q. 21 Α. April 2021. 22 Q. So last year. You then look on page 3, you were asked 23 a question about the machinery of monopoly in Brussels 24 and so on, then you say the gatekeepers are the law 25 firms?

1 A. Yes.

2 "Clients establish relationships with big law firms, and Q. these relationships continue over time. The big law 3 firms instruct the consultants about what they have to 4 5 say. The economists who serve them are just useful fools." 6 Then further down the page, "Can you name these 7 gatekeepers?" and you say: 8 9 "That is easy. There are basically three economic consultancies: Compass Lexecon ... CRA ... and RRB." 10 11 You mention some others in generic terms, and you 12 say: 13 "[There are] very few law firms, for example 14 Freshfields, Latham and Watkins, Cleary Gottlieb, 15 Skadden, Linklaters, Clifford Chance and others. 16 Not everything they do is bad, of course. But this 17 legal mentality has proved toxic. They will do anything for money." 18 19 Now, just to show you the second document, we have 20 seen this a month ago. It is a tweet you made also last 21 year. It is {IR-N/24.1/1}, please. You say: 22 "Working on my first competition case ... I have 23 read many of the so-called 'economic experts reports' by 24 the usual big consultancies. 25 It's horrifying to see how badly economics can be

1 used and abused.

2 All read like Ayn Rand with some maths and stats to make it look more 'scientific'. Also sad how the market 3 prices consultants: millions paid to scare enforcers and 4 5 possibly save hundreds of millions in fines for their clients. 6 How can we improve and bring in some ethics?" 7 You remember we saw this document before. 8 So, in the first document you have named two of the 9 10 law firms representing the appellants in this case as 11 well as two of the economic consultancies working for 12 the appellants in this case as well, and you say that 13 these economists are "useful fools", the law firm 14 mentality is toxic, they will do anything for money and 15 having read the economics reports you think you need to 16 bring more ethics to economics and economists. Now, you would agree these are strong words? 17 18 Α. These are my personal opinions which I express 19 exercising my freedom of speech. 20 Do you agree they are strong words? Q. 21 Α. These are my personal opinions. I am a bit surprised 22 that you want to have this discussion which I think is -- I would like to talk about the economics of this 23 24 case, if possible. THE PRESIDENT: No, I think you have to respond to these 25

1 questions.

2 Okay. I am very happy. Absolutely. So I am very happy. Α. 3 So you may or may not know I was the Chief Economist of 4 the European Commission of DG Compg for three years. 5 From my vantage point I have run a lot of cases, hundreds, hundreds. Mergers, anti-trust and state aid, 6 and I have been exposed to a lot of economic reports. 7 A lot of economic reports, and from that point of view 8 I found that those reports were typically of, I would 9 10 say poor quality, but more worryingly as an enforcer is 11 that they were not objective. They were not objective. 12 They would not help the enforcer in taking good 13 decisions. So it became really cases of advocacy rather 14 than expert reports.

15 MR O'DONOGHUE: Sorry to interrupt you.

A. So -- no, let me -- since you are bringing my personal history I have to give my personal history, and when -and I started expressing my disappointment with the profession of consultants in several places, you have quoted one interview but I gave many more and you will find traces in public speeches and reports which I have written and articles, and there is plenty of those.

23 So here, for instance, you may or may not like my 24 sense of humour when I am saying Ayn Rand and this 25 libertarian approach that everything is free market, 1

7

- etc.
- 2 Q. Professor Valletti, sorry --
- A. I am referring to this bunch of reports that I was -I had to look for.
- 5 Q. Do you think the word "toxic" is a joke? Is that your 6 evidence?

A. Sorry?

- Q. Do you think the word "toxic" is a joke? Is that your
 evidence? Do you think the words "useful fools" are
 a joke?
- 11 I was -- by the way, I have also been abused myself. Α. 12 There is lots of evidence that people took against me, 13 so I have made my choices. It is part of my -- it is 14 clear I do not have financial incentives to do this, but 15 I started a conversation which I think is a useful conversation to change a little bit of things in the way 16 17 we are doing economics in practice, because we have 18 become extremely complacent. From an economics point of 19 view it is clear, the incentives are very skewed. All 20 the money is on one side and this is not leading to good 21 decisions, this is not leading to good economics, and 22 I am playing my part.

23 Q. Let us come back to this case.

A. To this case.

25 Q. To this case. Now, you are aware that you have a duty

- 1
- of independence to this court, correct?

2 A. Yes, of course.

Q. I would suggest that, is that not bound to be affected
by the strong prejudicial --

5 THE PRESIDENT: Duty to the defendants?

6 MR O'DONOGHUE: To the court. A duty of independence.

- THE PRESIDENT: Oh, sorry. The transcript says -- a duty of
 independence to the court. Yes, the transcript had
- 9 something rather different.
- MR O'DONOGHUE: If only that were true. So, you have a duty of independence, you know that?

12 A. Yes.

13 Q. You take that seriously?

14 A. Very seriously.

Q. Now, I would suggest to you, is that independence not, certainly as a perception, bound to be affected by the strongly prejudicial views you have expressed about two of the law firms in this case and two of the experts in the case?

- A. I do not think so, because I was not referring to this
 case in particular. I was referring to my
 disappointment with the way the economic profession in
 consultancy has been going on over the past years.
 So --
- 25 Q. I am going to move on. I have two final questions on

1 this.

2 A. Please.

3 Q. So, you say you were not referring to this case. In the 4 tweet we saw it looks like you are referring to this 5 case. So, it is a tweet. It is 200 characters, so do we need 6 Α. to make a big story out of it? I do not know, it is up 7 8 to you. You are talking about a case; which case? 9 Q. 10 Α. I am going to give you another example. So, one of the 11 experts which is involved in this case --12 Q. Well, let me --13 -- has attacked me also on these platforms, and he Α. 14 thought it was funny and people thought it was 15 horrifying, by saying what, "the views of Professor Tomato Spaghetti", okay? And he was using 16 17 this stereotype because of my nationality. People 18 thought it was very offensive. At first maybe I was 19 upset, then I spoke about it when I was at home and my 20 kids found it hilarious. So I moved on, I moved on. 21 I would like also to move on. I do not have any 22 prejudice. I have views about the way economic 23 consultancies have been going. I have written papers, 24 I have been to conferences. The article that you showed 25 earlier that was "The European System of Monopoly" has

1 been used by Professor Bill Kovacic to give conferences, 2 to give seminars because he thought it was interesting to discuss the views I had after a relevant policy 3 4 experience because they thought there was some degree of 5 truth. Of course when you write an article that journalists wanted to, you know, to have an impact to 6 7 attract audiences, which is what journalists do. But it is -- I did not have the right, obviously, to modify 8 9 that interview, so --10 Q. You are not denying you said it? 11 Do I remember it, the precise wording? Α. 12 Ο. It was only last year, come on. 13 Well, the precise wording I do not. But again, if you Α. 14 think I have a prejudice against economists, I am 15 analysing the economics which has been presented in this 16 case and that is my job, and I am a professional about 17 that. 18 Q. Let us move on. One last question: you say you do not have financial incentives, you are obviously being paid 19 20 by the CMA, correct? Sure. 21 Α. 22 So you have financial incentives? Q. As you can imagine, I have destroyed my potential 23 Α. 24 employability in other cases with many of the -- but I am paid by the CMA, yes. I am not doing this for 25

1 money, if I may say. My job is a different job. 2 THE PRESIDENT: Well, Professor, let me just ensure that we have unpacked this completely. I take it that you are 3 4 being paid in a manner that is not dependent upon the 5 outcome of the case? Absolutely, sure. Certainly. 6 Α. 7 MR O'DONOGHUE: You are not suggesting that the economists of the appellants are being paid on a different basis? 8 9 THE PRESIDENT: I do not know, I am not thinking he needs to 10 answer that question. The question of remuneration has 11 been raised with this witness; it has not been raised 12 with any other witness. I have assumed that they are 13 being paid in a proper way. 14 MR O'DONOGHUE: Well, indeed, indeed. 15 Before we move on, you have name-checked these law 16 firms, the four we have seen. Would you accept instructions from those firms? 17 Generally, on a specific case, on what? 18 Α. 19 Q. Sorry?

20 A. No. On what, I said "On what case?"

Q. If you did not have a client conflict and one of these
four firms asked you to represent one of their clients
in a matter, would you accept or would you refuse?
A. It is such an absurd question. I would want to
understand what the case is about, of course. Would

1 I have an interest? So I am not a consultant. My day 2 job is to do research, to teach and to run a department. I choose very few cases if I am motivated, because 3 4 I find them interesting from an economics point of view, 5 so if there is an interesting economic question I might. If it is an uninteresting economic question I would not. 6 7 Q. So you would work for these private firms? 8 I did not say that. I do not know. It is such Α. 9 an absurd question it does not -- I cannot answer until 10 I know what I am talking about, it is so generic. 11 You understand the reason I ask. You describe their Q. 12 legal mentality as "toxic"? 13 It is a single phrase out of context, so --Α. 14 Okay, well, let us move on. Q. 15 Α. Thank you. 16 Now, on market definition you obviously agree the fact Q. 17 that two products are bioequivalent or therapeutically 18 similar does not itself mean they are part of the same relevant product market? 19 20 I accept that. Α. 21 Q. You also agree, presumably, that the mere fact that 22 prescriptions are open, they do not specify a particular 23 brand or product, does not itself mean that all products 24 falling within that open definition form part of the same product market? 25

1	Α.	No, I would say these are important considerations.
2		These are almost necessary but not sufficient
3		conditions, yes.
4	Q.	Yes. Well, we know in this case, for example, that 80%
5		of the major pharmacies only or primarily stock 10mg
6		full label despite open prescriptions?
7	Α.	Yes. Yes, the independent pharmacists stocked skinny
8		labels, yes, it is a (inaudible).
9	Q.	Despite open prescription?
10	Α.	Yes.
11	Q.	Now, I think you would also agree, as I think you have
12		basically agreed this with Mr Brealey, that the key
13		concept of a competitive constraint in the context of
14		market definition is a question of the sufficiency of
15		the constraint; do you agree with that?
16	Α.	Yes. It is the sufficiency on the constraint on the
17		ability of the firm supplying the focal product to set
18		certain prices and sell certain quantities. I want to
19		see what is the impact on the profit of that firm, yes.
20	Q.	Yes, there has to be a certain minimum level of
21		sufficiency?
22	Α.	Yes.
23	Q.	Now, your report does not cite any direct evidence of
24		attempts by Auden's customers to negotiate a better
25		price, does it?

- 1 A. Negotiations, so ...
- 2 Q. Attempts by Auden's customers to negotiate a better 3 price?
- A. My report does not -- does not focus on negotiation. It
 looks at some switching, looks at behaviour of prices
 and quantities, yes.
- Q. Okay, well, let us look at some of the evidence. We can
 start with Boots which Mr Brealey touched upon briefly,
 and he showed you a reference to the transcript which
 I will not go back to. Can we please look at
 {IR-H/1256/1}, please. This is Boots. If you can look
 at the bottom of the page, do you see that,
- 13 Professor Valletti?
- 14 A. 2.1?
- 15 Q. Yes. It says:

16 "Price is a factor that Boots considers when
17 deciding which product to purchase and dispense, but it
18 is not the only factor, and patient safety is the most
19 important factor."

20

So that is a general point.

If we then go over the page, please {IR-A/1256/2}.
They say:

23 "For 10mg hydrocortisone tablets, price was not
24 a factor because licensing indications determined which
25 hydrocortisone tablets Boots needed to use before Boots

1		turned to considering price."
2		Then the same again at 2.3:
3		"Boots considers the indications covered by
4		a product before looking at price."
5		Then at the bottom of the page, 2.9, they say:
6		"The situation was different for 20mg hydrocortisone
7		tablets [and so on] In that case, price was one of
8		a number of relevant factors for Boots in considering
9		which tablets to use."
10		Now, one more document and then I am going to ask
11		you some questions. It is {IR-H/1097/5}, please. If
12		you can look under (c):
13		"Has Boots threatened to switch to skinny label
14		product in an effort to secure a price decrease from
15		Actavis UK?
16		No, Boots has not threatened Almus Pharmaceuticals."
17	A.	Can I ask you who is Almus? I do not know who is Almus.
18	Q.	It is the in-house brand of Boots.
19	A.	Of?
20	Q.	Of Boots.
21	A.	I am sorry, I did not get that.
22	Q.	It is an internal supplier to Boots.
23	A.	Of what?
24	Q.	Of pharmaceutical products including Hydrocortisone.
25	A.	Okay. So it is a wholesaler or

- 1 Q. It is part of the same undertaking.
- 2 A. It is part?
- 3 Q. Part of the same undertaking.
- A. Which entity, sorry, I do not understand. Who is --
- 5 Q. Almus is part of Boots.
- 6 A. Why then would Boots --
- 7 Q. Almus is purchasing from Auden in this case.
- A. So why would Boots threaten -- sorry, you said that
 Almus is part of Boots. I do not -- okay, but anyway,
 go on. Because I do not understand the context. So
 Boots is threatening whom? Almus? Well, and Almus is?
- 12 Q. Auden supplies Almus, which is part of Boots.
- 13 A. Yes, so it is a wholesaler.
- 14 Q. It is upstream and Boots is the retailer.
- 15 A. Okay.
- Q. So I would suggest what we see from Boots in these documents is that the price of skinny label is basically irrelevant when it comes to purchasing full label because of its views on dispensing; you saw that?
- 20 A. We have seen many, if I may give an answer.
- 21 Q. Let us stick to Boots before you --
- A. Sure. This is telling me that this is a differentiated
 product. There are different considerations that the
 pharmacy is taking into account, and given the price
 levels at that moment in time, those price differences

1 between full and skinny would not be a factor that Boots 2 would take into account to -- so the price differences 3 were not large enough to let Boots consider the skinny. 4 This is what -- from an economics point of view this is 5 what it means. It is not a general statement that I will never do it, but it is simply, it has to be put 6 7 again in the financial negotiations that people were doing, they would know what price level was the skinny 8 product, what price level was the full level product and 9 10 then they would make their own decisions. Professor, we saw what they said: in general price is 11 Q. 12 a factor. 13 Yes. Α. By contrast, for 10mg hydrocortisone because of the 14 Q. 15 clinical issue, price is not a factor. 16 But I am answering as an economist. I am a bit Α. sceptical when the people say -- and they are, these are 17 18 business people and I trust them very much, but they say 19 a general statement that can go, you know, all over the 20 place. So if the price of food had not been 60 but 160, 21 560 and it went up, at some stage it would become 22 a consideration of course. So it is important, again, 23 to frame the question in the right way. Boots is making a commercial decision taking into account a bunch of 24 factors including their own perception about risk, etc., 25

given the price differences that they observed in the
 market they would consider that the price of skinny was
 not a factor for them in that moment in time. This is
 what it means to me as an economist.

Q. They say more than that and let me see if you agree or
disagree. They are saying for this particular product
because of the clinical ethical issues they come first
and price is not relevant and they are saying in effect
no matter what the price of skinny, for clinical or
ethical reasons we cannot switch. That is what they are
saying.

A. Tell me when was this conversation happening, please,which point in time?

14 Q. April 2021.

15 A. Okay. So April 2021 and they were referring

16 to April 2021 or they were referring to the beginning of 17 the period?

- Q. They were referring to all periods because we know that
 Boots has de minimis purchases of skinny.
- A. Then I am surprised because by 2021 everybody knew that
 there was no medical restrictions at all so they were
 referring probably to 2016, to early 2016.
- 23 Q. You are saying they made this up?
- A. No, I am just trying to understand. Sorry, I have not
 interviewed Boots so I am trying to --

1

Q. The CMA has and you have seen what they have said?

A. Yes, I do not know what the question was. Was it about
2015, 2016? Which part of the time are we talking
about?

5 Q. Any period.

6 THE PRESIDENT: Professor, just pausing there. You have 7 said a couple of things that everybody knew there was no 8 medical restriction at all. I just want to unpack 9 exactly what you are saying because there are, I think, 10 layers in terms of how preferences were articulated in 11 this particular market.

So one has got most fundamentally what the law says regarding the prescribing of on label and off label products and that is not a matter for you. It is not a matter for any of the experts. It actually is not a matter for anyone other than the tribunal.

17 One then has a sense of the commercial perception or 18 the perception of players in the market as to what the 19 law entails. They may get it wrong, they may get it 20 right. In a sense that is not something which again you 21 can assist on. You might have your own views, but what 22 the market participants considered subjectively might be 23 completely wrong but might be in terms of substitutability, for example, extremely significant if 24 they have a sense that there is a -- for no very good 25

1 reason -- a legal inhibition in preventing them from 2 doing something, and that to an economist is as 3 important as an objective constraint on choice. Would 4 you accept that?

5 I would. I was trying to understand the period they Α. were referring to because I totally accept there was in 6 7 particular some uncertainty at the beginning when skinny were launched because it was a novelty and, as we also 8 know, there was Project Guardian that was actually 9 10 launched to try and influence the market perception. So 11 some of this perception could have been polluted even by 12 the behaviour of Auden. I do not know. I just do not 13 know.

14I would imagine that this would be particularly15relevant at the beginning of the entry of skinny label.16That is why I was asking -- and then I would imagine as17an economist because of observation of things, because18of word of mouth, that over time this would fade away.19MR O'DONOGHUE: Professor Valletti, at no stage did Boots'20purchases exceed 1% of skinny?

A. I do not know. The data we have in the Decision are
between only 2016 and 2017. They did buy some skinny
for kids I think but --

24 Q. In diminished quantities.

25 THE PRESIDENT: Professor, just to close that thought. In

1 a sense, does it matter whether they are objectively 2 incorrect in their assessment? I mean, the fact is they may have taken a view, we will have to look at the 3 4 evidence, but really what I am unpacking is that this is 5 evidence you cannot give. The line that Boots may have 6 taken is that they were under no circumstances going to 7 permit off-label prescribing because for whatever reason, reputational or a desire to stick strictly to 8 their understanding of the law, they were only prepared 9 10 to allow skinny label to be dispensed to those who 11 absolutely fell within the designations in the list of 12 treatments that were appropriate to that drug, even 13 though it was pharmaceutically exactly the same.

Now, that may be -- it may be right or wrong, it may be reasonable or unreasonable, but at the end of the day we are going to have to look at this separately from what your subjective view is on this, because it is outside economic expertise. It is how the market was operating.

A. You are absolutely right, and sticking to my economic expertise I just reiterate what I said a bit earlier, that when they say "under no circumstance", for me the circumstances are: the price is available at that point in time, there is a trade-off they were making and they decided that given that range of prices they could

1 imagine, they would not have purchased skinny under 2 those circumstances. Because basically in very simple economic terms I am on the absolute view that Boots has 3 4 a demand which is fairly inelastic. I am simply saying 5 I am a bit more sceptical that it is infinitely inelastic. Because at some stage if you start 6 7 increasing the price differential to £100, to £1,000, to £10,000, obviously I am reasoning by abstraction, at 8 some stage those considerations will start kicking in. 9 10 So I am simply saying demand is inelastic. I agree, it 11 is probably not perfectly inelastic. 12 MR O'DONOGHUE: Before we break, do you at least agree, in 13 the context of Boots given what we have seen, skinny 14 label will not be a sufficient constraint from their 15 perspective? 16 Yes, I do agree. Α. THE PRESIDENT: Very good. We will resume at 25 to. 17 18 (3.26 pm) 19 (A short break) 20 (3.35 pm) 21 THE PRESIDENT: Mr O'Donoghue. 22 MR O'DONOGHUE: Professor Valletti, before the short break you agreed that because of Boots' particular clinical 23 24 and ethical requirements a skinny label product would not be a sufficient constraint from their perspective. 25

1 A. Yes.

2	Q.	Now, you touched on Lloyds briefly with Mr Brealey, and
3		given that Lloyds also made de minimis purchases of
4		skinny, would you also agree for Lloyds that given their
5		clinical and ethical requirements skinny label from
6		their perspective would also not be a sufficient
7		constraint?
8	Α.	A sufficient constraint? Okay.
9	Q.	Now, can we look at Intas. It is {IR-H/1111/3}, please.
10		So, as you know, Intas is one of the subsequent owners
11		of the Auden business.
12	A.	Yes.
13	Q.	This is an information request response from them. If
14		we can go to page 3, please, ${IR-H/1111/3}$.
15		Professor Valletti, if you look under question 2 you see
16		Intas was asked:
17		" provide all contemporaneous documents dating
18		after January 2017 that record:
19		(a) AAH/Lloyds and/or Boots threatening 'to
20		switch all or parts of their demand [for Hydrocortisone
21		Tablets] to Actavis UK's competitors in order to obtain
22		the best terms and conditions, including price' \dots "
23		Then if you look at its response, it is the second
24		paragraph. Do you see that?
25	A.	Second paragraph as set out, or

- 1 Q. Actavis.
- 2 A. Actavis UK.
- 3 Q. If you can read that, "Actavis ... is not able", do you 4 see that?
- 5 A. Yes. Can I read it?
- Q. So they could not provide a single document evidencing
 these threats to switch as a result of receiving
 a better price. Do you see that?
- 9 A. They say nevertheless the risk of AAH or Alliance could
 10 switch is a real one as demonstrated by the number of
 11 customers who have already done so.
- 12 Q. Yes?
- 13 A. They say -- yes.
- Q. That is fair, they could not provide a single piece of
 evidence in support of that, at least a document,
- 16 a contemporaneous document?
- A. "As demonstrated by the number of customers", it is
 interpretation of the statement. I see both ways, but,
 yes.
- 20 Q. We will come back to the second part. But can we at 21 least agree they could not provide a single document 22 evidencing these threats?
- 23 A. Yes.
- 24 Q. That is what they say.
- 25 A. That is what they say.

1 Q. So if we then go to AAH, it is {H/1013/4}, please. You 2 will see under (e) on the left there is a question, and 3 on the right there is an answer. 4 Α. Can I see the question? 5 So, on the right they said: Q. "We did not transfer our business to the Bristol 6 7 product despite the fact that Bristol's commercial offer was more attractive to that from Actavis because the 8 product from Bristol Labs was not licensed for all of 9 the indications ... " 10 11 And so on. 12 So even when faced directly with the much more 13 attractive skinny label offer, AAH was unable or unwilling to take it; yes? 14 15 A. Again, I am reading this part of the answer. I do not know at all the context of this, which period it refers 16 to, but, yes, they say we did not transfer -- I am 17 18 reading the answer, yes. 19 But the context is clear, I would suggest. There was on Q. 20 the table a better price for skinny from Bristol, more 21 attractive, and they rejected that lower price because 22 of the licensing indication issue; do you see that? 23 They also say -- and again this is a document which, Α. 24 I apologise, is new to me, so to extract it out of everything it is a bit difficult to comment upon. At 25

1 question (d) above:

2 "Whether AAH has ever engaged with alternative 3 supplier(s)"

And it says:
"We have sourced Hydrocortisone 10mg Tabs from
Bristol Labs since October 2015 ..."
So they simply say they did not transfer, maybe our
business, their entire business. I cannot answer, to be
honest.

Q. Well, I am putting to you a very specific point which
 is: when they are presented with a better price from
 Bristol Labs they are not willing or able to accept it
 for clinical or ethical reasons.

A. So, I know that AAH has been selling both full and 14 15 skinny label, so it is not that they only offer full labels. We have seen the data before. Maybe do we need 16 17 to go back to that those? They have been selling both, and as I said, in 2017 it was 20% which increased to 18 30%. So they have been selling skinny labels. I do not 19 20 know where they procured them from. Apologies, I do not 21 know that. But they have been selling --

Q. We will come back to the data. I am not shutting you
out. We will come back to the data, I promise you that.
A. Yes.

25 Q. Now, let us just wrap this up with two more, please.

1 Rowlands and Well. Can we go to the transcript on 2 Day 7, please, page 59, this is the cross-examination of 3 Mr Bishop. I think you were here for this. It starts at line 23 {Day7/59:23}. It is in the middle. Do you 4 5 see reference to Rowlands and Well?

Yes, line 13 {Day7/59:13}. 6 Α.

7

Q. Yes, thank you. If you can read that. (Pause) So what Mr Holmes is putting to Mr Bishop is, again, 8 it is the same point: for these clinical ethical reasons 9 10 these pharmacies were unwilling or unable to accept 11 a low price for skinny labels, so in other words 12 the price of skinny was not for their purposes 13 a constraint in the context of purchasing full; do you agree with that? 14

15 Α. I do agree that Rowlands, Well and other pharmacies 16 considered full label as a product that had less risky implications. So I do not know if they ever did 17 18 trade-offs or not. I just know that they decided -- so 19 they are more price-inelastic for sure. That is what 20 I know.

21 Again, we go back to the thing they will never 22 consider at all -- as an economist I said earlier I am 23 a bit sceptical that these grand statements can be done 24 over a large range of prices. Over the range of prices that we are considering, I do totally accept that 25

1 Rowlands and Well and previously Boots, they could not 2 consider switching to skinny label, I do accept that. Q. Now, the one example you do give, which you have touched 3 4 upon with Mr Brealey, is Morrisons. Can we look at 5 that, please. So, you say in your report at 37 6 $\{F/1/16\}:$ 7 "Morrisons switched back and forth although only once;" 8 9 Do you remember that? 10 Α. Yes, in March 2017, I think, or something like that? 11 2016, yes? 12 Yes. Can we go to {IR-H/1058/1}, please. This is Ο. 13 an exchange between Morrisons and the CMA. Now, some of 14 this I think is confidential, particularly the names 15 so -- can we look at the IR version, please 16 {IR-H/1058/1}. So the bits in red are confidential, 17 Professor Valletti. This is an exchange between the CMA 18 and Morrisons. Now, if we scroll down to page 3, please 19 {IR-H/1058/3}, you will see at the bottom if you can 20 quickly look at that, there was a degree of confusion 21 between Morrisons and the CMA as to exactly what 22 Morrisons were saying about switching. Do you see that? (Pause) Okay, yes. 23 Α. If we then go to page 1 at the top, please 24 Q. {IR-H/1058/1}, you will see the confusion was clarified. 25

1 So they say:

2 "The Superintendents instructions applied to all purchases since April 2017. Once the Superintendent was 3 4 fully aware of the situation, Full Label was his 5 preference, as it allows our Pharmacy Teams to dispense without having to check/research which licensed 6 7 indications are covered by the Skinny Label, thus making the dispensing process easier and safer for stores and 8 9 customers."

10 So the initial switch in 2016, which is the bit you 11 rely on, that was basically a mistake by Morrisons and 12 once the situation came to the attention of the 13 superintendent Morrisons switched back to full and did 14 not switch again; correct?

A. "Mistake" is your term. So I would not call it
a mistake, because I am not in a position to decide
whether it was a mistake or not. They tried, they
switched and then they switched back. That is what
I observed.

20 Q. Well, they say a bit more. They say it is "easier and 21 safer"?

A. Sure. They had a preference. It is very clear that
they had a preference for full label. It is written,
"Full label was his preference". So -- these are
differentiated products -- there has never been any

1		disagreement that there is a differentiation between
2		products where full is perceived as being a better
3		product by some pharmacies, not by all.
4	Q.	But do you at least now accept this is not actually
5		a good example of switching at all?
6	A.	I have no reason so, it is an example of switching.
7		So, a good example, what can you qualify what a good
8		example is?
9	Q.	There was an initial switch to skinny, which you rely
10		on. The superintendent intervenes and for reasons of
11		safety and ease of internal use they switch back to full
12		and do not switch again to skinny save in de minimis
13		quantities?
14	A.	Sure, that is the preference of Morrisons, yes.
15	Q.	It is not therefore a good example of switching from
16		full to skinny?
17	A.	Morrisons is a large national supermarket chain, as we
18		discussed also earlier, this other example like Tesco
19		that instead decided to have only skinny, and
20		Sainsbury's decided not to. So there have been
21		different views taken by different pharmacies even if in
22		principle they look similar in terms of business models,
23		because these are pharmacies inside supermarkets, but
24		there are different views, yes.
25	Q.	But I would suggest, what you say in your report is at

1		best incomplete. You said they switched only once, but
2		what you omitted in your report was to say, yes, and
3		they switched back to full
4	A.	So
5	Q.	for clinical and other reasons and did not switch
6		again.
7	A.	So I should have written perhaps they switched back and
8		forth only once. That is what I meant, yes. They
9		switch once and back and forth, yes.
10	Q.	Well, it is an important difference?
11	A.	Well, I think okay, yes, it is. Let me leave it
12		there.
13	Q.	Now, finally, so these are on the larger pharmacies, if
14		I can call them that.
15	A.	Which pharmacies, sorry?
16	Q.	The larger pharmacy chains. They are the ones I have
17		been showing you; correct?
18	Α.	The independent or the large national ones?
19	Q.	The ones we have seen are the large nationals.
20	Α.	So far, yes.
21	Q.	So just to round this off and put the point to you in
22		a plain way, if we go again to the transcript on Day 7,
23		page 83 {Day7/83:1}. So this is Mr Holmes again with
24		Mr Bishop. So Mr Holmes says:
25		"Question: Again, if Lloyd was generally making its

1 decisions to a material extent on the basis of price, 2 would you not expect it to purchase a much higher proportion of skinny label tablets given how much 3 cheaper they were and the significant extra profit they 4 5 could have earned if they purchased and sold more skinny label tablets?" 6 7 And Mr Bishop agreed. Now, I think you agree with me that that basic 8 9 proposition is equally true for essentially all of the 10 large national pharmacies; correct? 11 Let me read it again, if you do not mind. Α. 12 Ο. Yes. (Pause) 13 Yes, so Lloyds is one of those pharmacies who do have Α. 14 a preference for full, yes. 15 Q. Well, I am putting a broader point to you. Let me just 16 put it very clearly: for these large national pharmacies 17 the price of skinny is not a sufficient constraint on the price of full because they have decided for all or 18 19 most of their requirements that for clinical or other 20 reasons they will not substitute between skinny and 21 full? 22 So, again, I am pretty sure that discussion was in the Α. 23 context of dominance of course. So you are dragging me 24 back into something related to market definition. So

first of all, to assess the purpose of market definition

25

it is not possible to discriminate between different
 types of pharmacies. I think that has been discussed
 last Friday. Perhaps it may be useful to do it at least
 once. Imagine you wanted to run a SSNIP test which you
 do not have to.
 Q. I am going to come to the SSNIP test in some detail.

A. Right. So -- this is saying that Lloyds was price
inelastic. This is what it is saying. So we do observe
a higher price that Lloyds would pay for full because
the wholesaler has a derived demand coming from this
kind of pharmacist.

12 Q. So we see they are leaving a lot of money on the table.13 A. Who is leaving a lot of money on the table?

Q. These pharmacies because they could, at least in theory,substitute full for skinny?

A. They have -- we agree. They have a preference for full.
Q. But they are leaving a lot of money on the table. We

18 know the difference is hundreds of per cent, correct? 19 They have a preference so they are making their own Α. 20 trade-offs and they have a preference for full label. 21 Q. We know under the drug tariff that they are reimbursed 22 at a single price and therefore they have strong 23 incentives if possible to dispense a cheaper product? That is much more complicated than that because 24 Α.

25 unfortunately when they are reimbursed also their own

profitability is capped overall, so this is a bit more complicated.

3 Q. All else equal --

THE PRESIDENT: Just pausing there. I am not conscious of
having seen, and I am sure my fault, an on-paper
articulation of exactly how much money they are leaving
on the table in choosing skinny over full label. Purely
for my own note I think it would be helpful to have -MR O'DONOGHUE: Let me put it to the witness.

10 THE PRESIDENT: -- that material.

11 MR O'DONOGHUE: Forgive me.

12 We know that throughout the post-entry period 13 the price differential between skinny and full ranged 14 from hundreds of per cent to on the latest data 100%, 15 correct?

A. Yes, that is a figure we started from this afternoon
I think, yes. Well, these are percentages and then you
may also want to look at the absolute differences.
Those were also significant, yes.

Q. So these large national pharmacies were leaving a large
amount of money on the table by not taking the lower,
the considerably lower skinny label price. Do you agree
with that?

A. If you do not take into account the characteristics ofthose goods, yes, but they had a preference over the

characteristics of those goods.

2 To put the question another way. At least for these Q. 3 customers, in what meaningful sense is the price of a skinny label product a direct constraint on their 4 5 purchases of full label product? It simply is not, is it? 6 7 Well, when you are looking at the market overall you Α. keep to the -- you ignore half of the market 50% --8 I am coming to the other half. Let us focus on this 9 Q. half. 10 11 So I do not see the market segmentation in prices in Α. 12 terms that you suggest. 13 It is a simple question. You have agreed with me they Q. 14 are leaving a huge amount of money on the table. Under 15 the drug tariff all else equal their margin will be considerably larger if they purchased skinny over full? 16 Yes, but they would purchase --17 Α. And they do not? 18 Q. -- a good with characteristics they like less. 19 These Α. 20 are differentiated product markets. This is a better 21 product, a lower quality product and they prefer to pay 22 a higher price for the product which has better 23 characteristics from their perspective. 24 I am focussing now on price. On what sense, therefore Q. 25 in what meaningful sense is the price of skinny label

- 1 directly constraining full label for these customers? 2 As I think I have said earlier, if you start making that Α. 3 gap bigger and bigger they will at some stage change their mind. 4 5 We know the gap was hundreds of per cent and they did Q. not change their mind? 6 7 Α. But the gap is 100%, but there was significant market power that Auden was able to exercise over those --8
- 9 indirectly because they are selling through the
 10 wholesaler -- over those pharmacies. I agree with that.
 11 Q. Now, you mentioned the other segment. I want to come to
 12 that. I think we can take this a bit quicker, at least
 13 I hope we can.
- 14 What we are looking at now is customers who only or 15 at least primarily purchased skinny label. Now, as we 16 have just I think agreed we know that throughout the post-entry period the price of full label remained for 17 18 most of that period hundreds of per cent above skinny 19 label and on the most recent data from 2021, it remains 20 double the price of skinny. So I would suggest it is 21 obvious that if you were a price-sensitive customer 22 the price of full label is basically irrelevant, is it 23 not?
- A. So, I am not sure about the question, irrelevant. It isa better-quality product which is priced at a higher

1 level. They also make their own trade-offs. They are 2 much more price-sensitive and they decide to go for the lower quality product which is sold cheaper. I would 3 4 not say that is irrelevant. For instance, if the two 5 goods were sold at the same price if they were, imagine they were, because this is going to be the starting 6 7 point if you want to do a proper SSNIP test by the way. Do not worry about --8 Ο.

9 A. If they were sold at the same price, probably I would
10 argue that they would go for the full label. If both
11 products were sold at £2, I bet they will buy the full
12 label, not the skinny. So it is not irrelevant at all.
13 Q. Let us put it in simple terms. The price of skinny is
14 £1 and the price of full is £4, £5, £3?

15 A. Which is not a competitive price, yes.

Q. The price of full is irrelevant to a price-sensitive
customer. There is no universe in which they would pay
that price?

A. So if the price differential is high enough those
pharmacies which are price-sensitive will not consider
the full label, but as you reduce the gap they will
consider the full label. So you just said no universe
and I have just given you a very plausible if the prices
are lower, they will consider it of course.
Q. But even at excessive prices -- that is the CMA's

- 1 case -- they still would not purchase? 2 I am sorry, if the price of full is excessive --Α. 3 Yes, that is the CMA's finding. Ο. No, they would not. We have observed that they did not 4 Α. 5 consider it at the excessively high price of the full 6 label, yes. 7 Q. Can we look at what your report says on this. It is 8 paragraph 74. {It is IR-F/1/30}. It is about 9 two-thirds of the way down paragraph 74. Do you see where it starts: 10 "If Auden did offer a discount ..." 11 12 Α. Not yet, sorry. Yes. 13 About two thirds of the way down, Professor Valletti: Q. 14 "If Auden did offer a discount, it is very likely 15 that this could backfire as captive customers could put 16 some pressure on Auden/Actavis to benefit from that 17 discount too. Instead, Auden/Actavis likely optimises 18 its price over its captive market, and has nothing to 19 lose by offering the same price also to the non-captive 20 segments ..." 21 And so on. 22 Α. Yes. What you are basically saying there, correct me if I am 23 Q. 24 wrong, is that Auden is focused on maximising price for
- 25 its captive customers, those who only mainly take full

- 1
- label, correct?

2 So what I am saying there, because the discussion about Α. 3 price discrimination, I said I do not find it plausible that Auden/Actavis would offer for full label 4 5 a different price according to who is the ultimate customers downstream, so it cannot go to AAH and say, 6 7 look, if you sell it to Boots I will charge you a lot but if you instead as a wholesaler sell to an 8 9 independent pharmacy I will charge you a little, because 10 this is not sustainable. This is what I am saying. Q. You say they have nothing to lose. I would suggest what 11 12 you mean by that --13 Α. They are profit maximising, yes. They have more or less given up on skinny label 14 Ο. 15 customers. It has nothing to lose by offering a price 16 which is high because it knows they will never accept 17 it? I am simply saying that it is profit maximising for 18 Α. 19 Auden/Actavis to concentrate on the segment of the 20 market which is more inelastic, yes. 21 Q. But they are making the skinny label customers an offer 22 that they know they will not accept? 23 Well, sometimes -- as I said, so you have a large market Α. and a small market. If you try to set a low price for 24 one and a high price for the other one there would be 25

1 lots of arbitrage conditions. You cannot sustain it. 2 So typically what you do is you concentrate on the price 3 on the more lucrative market and there may be also 4 spillover. You set a high price for everybody. That is 5 what you do. It is a very simple position. But the upshot of this is that for skinny label 6 Q. 7 customers Auden is not competing on price? Sorry, say that again. 8 Α. 9 For skinny label purchasers Auden is not competing on Q. price? 10 So it is not -- probably it is not profit maximising to 11 Α. 12 them to offer a very low price to everybody. It is 13 profit maximising to concentrate on the segment of the 14 market which is more price inelastic. This is what I am 15 saying. Because it knows it will never accept those prices? 16 Q. So, what I am saying is that if Auden/Actavis 17 Α. No. 18 decided to compete head-to-head with low -- with the 19 skinny label this could backfire so they would 20 cannibalise their own profits in the profitable segment, 21 so that is why they do not want to do it. 22 So they do not compete? Q. It is not because they would not consider it. 23 Ιf Α. 24 the price of full was very cheap, that is to say, 25 the price was similar to the skinny label, they would

- get many more customers. It is just not in their own
 commercial interest to do so because they concentrate on
 the inelastic segment.
- 4 Q. So they are not competing?

5 A. They decide not to compete.

Q. We agree. Let us look at what one of the short-line
wholesalers says, DE Pharma. It is {IR-H/1237/2}. If
you look at 2.6, please?

9 A. Again, can you give me a bit of context.

Q. This is DE Pharma short-line wholesaler. It is a noteof a call between DE Pharma and the CMA.

12 A. Thank you.

13 Q. In February 2021. If you can look at the last two14 sentences of 2.6, please. They say:

15 "Actavis/Accord refused to compete on price with 16 skinny label tablet entrants -- a situation which 17 persists even today."

18 That underscores the point I have just made to you 19 and which I think in paragraph 74 of your report you 20 have agreed with, that Auden has effectively let the 21 skinny label purchasers go. It is not competing for 22 that cohort of customers?

A. Okay. Let us take it slowly because I think we are in
 agreement. So Accord/Actavis has decided to
 concentrate, for profit maximising reasons, on the more

1 inelastic segment. Okay. That means that given 2 the price differences, because they are exercising market power, the customers that typically buy skinny 3 4 label would not consider full. That does not imply 5 though that there is no potential for substitution generally between full and skinny label. It is a non 6 7 sequitur. It does not follow. At the observed prices a customer that Actavis does not want to supply because 8 it is not profitable for them do not find the full label 9 10 an attractive proposition and they buy skinny.

But, but, but, if you did do, for instance -- you said you will come back to it and I have not seen it yet -- to a properly run SSNIP test which has to run from competitive prices, for instance, you said, if the price of both full and skinny was £1 as you suggested, as I said earlier, I bet many skinny customers would actually be very happy to go for the full.

18 Q. I promise you we will come to that, I suspect tomorrow,19 but I promise you we will come to that.

Now, DE Pharma I would suggest is saying something
which goes beyond what you suggest. They are saying
post-entry Auden has refused to compete in price with
skinny and that is true even today, today being 2021?
A. So DE Pharma -- the next paragraph says: "Dual listed
skinny and full", so they are buying both by the way and

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"let its customers choose".

full and vice versa?

2 It does not look like much of a choice, does it? Q. 3 It says it is listing both, they are buying both skinny Α. and full. 4 5 Let us look at what you say in the joint statement, Q. proposition 32. It is $\{IR-G/1/22\}$. It is the second 6 7 paragraph: "The direct constraint arises where pharmacies 8 switch from full to skinny label putting downwards 9 pressure on full label tablet prices, in order to reduce 10 11 the losses to skinny label tablets, or to recapture some 12 of those lost sales." 13 Can you give me a single example of where Auden dropped its price for full label to recapture lost sales 14 15 from skinny label at any customer? 16 So first I just want to clarify, since you were talking Α. 17 about DE Pharma. DE Pharma, if I go back to the Decision in 2016, they bought 61% of skinny and 39% of 18 19 full, so, yes, they were carrying both. These are large 20 purchases, so, this is -- but anyway. 21 Ο. Let me put the point to you very clearly so there is no 22 misunderstanding. Fine, they purchased both. The point they are making here, which I think you see very well, 23 is there was no competition within skinny coming from 24

- A. At the given prices that they are facing, consumers that
 buy skinny buy skinny because the other product is too
 expensive for them.
- 4 Q. So the answer is yes?

5 A. The answer is not a general statement. It is not that 6 there is no competition whatsoever. This is what we 7 call in economics it is all indigenous. The choices of 8 people are clear. There are two segments. Some prefer 9 one, some prefer the other one given the prices which 10 are in the market and the price differentials.

11 Q. Now, can you answer my other question.

- A. Sorry, can you repeat the question. I was trying to goback to the previous one.
- Q. Yes, of course. Can you give me a single example of
 Auden dropping its price of full label to recapture lost
 sales from skinny at any customer?

If you remember the discussion we had earlier, for 17 Α. 18 instance, the time period in 2015/2016 and early 2017 19 most of the drug tariff mechanism is made by Auden's 20 prices, 80% of it, and we see the prices of Auden coming 21 down, substantially. This is evidence that there is 22 competition between Auden full product and the skinny 23 label products. That is the -- and I observe in that 24 period about 40/50% of the market switching. So that is strong evidence I would say, would you not? 25

Q. I do not accept that. So I think the answer to my
 question is no?

3 A. Why?

- Q. You cannot give me a single example of Auden dropping
 its price to meet or beat the price of a skinny label
 product?
- 7 Α. Auden started £72 before entry happens and they drop it 8 in a year -- so we can go to the actual number -- by 9 tens of pounds and they lose 50% of the market. So you both observe switching and price reductions in a moment 10 11 where indirect constraint is not at work because the other skinny products are not yet part of Scheme M. 12 13 As you say in paragraph 74 of your report, all that is Q. 14 actually happening is that it is letting those customers 15 go. It is not competing?
- Again, this is one of those strange questions. 16 Α. They are 17 doing trade-offs. If they had not reduced the price 18 they would have lost even more. So that is a profit 19 maximising choice they were making there. So the right 20 point is not that they let them go. How much it would 21 have lost if they had not reduced the price is the right 22 question, and my answer is they would have lost even 23 more.
- Q. What I suggest to is you is what we see is very clear.Skinny label suppliers only compete with skinny label

1 suppliers and therefore do not represent a sufficient 2 constraint on Auden as the only full label supplier? I disagree with this proposition, as I said many times, 3 Α. 4 because I have observed in the markets rather gigantic 5 changes of quantities going down by 50%, prices going down by 95% for whatever reason. Plus I have observed 6 the Guardian Project. Plus I have observed the 7 agreement precisely at the time when prices were at the 8 highest level in order to delay entry. Plus I have seen 9 10 the reduction in acquisition price from 520 to 11 320 million. This is all going in the same direction. 12 Also --13 We have heard your mini speech twice already. Q. Yes, and I think it is very important evidence so it is 14 Α. 15 very difficult for me not to rely on the facts. 16 Now, you talk quite a bit in your reports about common Q. 17 sense which I think is what your mini speech is aimed 18 at. Now, isn't it common sense that if full label 19 prices remain hundreds of per cent above skinny, and the 20 volumes basically do not change after 2016, plus or 21 minus 10%, that Auden was simply not competing for 22 skinny label customers; isn't that obvious? A. No, it is not. 23 Does not it lack common sense to say that a product 24 Q.

which is subject to intense competition, the skinny

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label product, is in the same market as a single
 supplier product that essentially ignores the existence
 of skinny label suppliers?

4 Α. So, you are conflating once again the absence of big 5 changes in market shares or relative prices which by the way market shares do change and relative prices do 6 7 change but let us ignore that. You are conflating that with separate markets which is not true. I have given 8 you an example of products which are in the same 9 10 markets. Once a new equity boom is reached you would 11 not imagine and expect a situation of stability with the 12 market participants with those who prefer product A, 13 those who prefer product B. They are still competing, 14 but you do not observe changes. You do not have changes 15 in demand in cost etc., etc.. So this is again one of 16 those propositions I disagree.

In your report you have not looked at any of this? 17 Q. 18 What do you mean I have not looked at any of this? Α. 19 You talk about these changes in volumes and you make Q. 20 a causality point. You have not looked at any of this. I have not made any causality point. I am simply saying 21 Α. 22 you are making a causality point. You are really 23 putting in my mouth things which I never said. So 24 changes in the market shares by themselves are an indication of nothing, so we cannot conclude anything 25

from the kind of evidence you are putting.

Q. We disagree on that. Let us look at what the Decision
says. It is {IR-A/12/166}, please. It is 3.329 (b),
please, at the top of the page. The CMA says:
"After the initial period of switching to skinny
label tablets, the continued rivalry between competing
suppliers (as seen through the volatile shares) has

resulted in prices continuing to fall after the initial phase of entry and prices between those competing suppliers converging with one another over time. By contrast, the gap between Auden/Actavis's prices and its competitors' narrowed more slowly over time (and even increased in relative terms) during the infringement period."

15 Let me show you a second part of the Decision and 16 then I will put the question to you. It is at page 400, 17 please. {A/12/400}. It is 4.274. (Pause) Do you have 18 a hard copy of the Decision?

19 A. I do.

20 Q. It is 4.274.

21 A. Yes, I have it.

22 Q. If you can quickly look at that. (Pause).

23 A. Yes, I have read it.

Q. Sir, would you like me to wait? Maybe it is safer towait.

- 1THE PRESIDENT: Yes, we will have to look overnight to2ensure the system speeds up.
- 3 MR O'DONOGHUE: It is not having a great day, sir, from that
 4 perspective.
- 5 THE PRESIDENT: We will take that on board but I think it is
 6 probably better if you wait for the document to come up.
 7 Annoying, but ... (Pause).

8 MR O'DONOGHUE: Can you see:

9 "However, Actavis' market share then stabilised at a 10 time when its competitors' prices continued falling 11 faster than its own prices. This is direct evidence 12 that Actavis was not losing any market share despite its 13 competitors' tablets becoming relative cheaper in relation to its own provides a strong demonstration that 14 15 Actavis retained an ability to price above competitive 16 levels thereby demonstrating its market power."

Now, the two passages I showed you are they not effectively saying there was no substitution in relation to large relative prices and is not this exactly what is needed to sustain separate markets and it is clearly absent in this case?

A. Well, these two things you are citing are precisely
where we started from this afternoon by the way, where
we saw that the market share kind of fluctuate around
50% in terms of volumes, physical volumes, but not in

1 terms of monetary value because there was also an 2 increasing relative price during the dominance period. So these two pieces of are exactly just the mirror image 3 4 of those two figures. This is not saying anything about 5 whether these two products belong to the same market. They are simply saying that Auden/Actavis found it 6 7 profit maximising to exercise its market power over one 8 segment of it and at those prices they stabilised the 9 market and made a lot of money. That is all it is 10 saying. It does not say anything about whether these 11 two products are or are not in the same market. 12 Q. What it is clearly saying is that despite this enormous 13 gap in prices the skinny could not constrain the full? 14 This is saying. Α. 15 Q. That is why Auden could price substantially above competitive levels? 16 17 A. This is saying Actavis was exercising market power over 18 the segment of the market who had a strong preference for full label. 19 20 By pricing above competitive levels? Q. 21 Α. Yes. 22 MR O'DONOGHUE: Sir, Professor Valletti has a family commitment I think at 4.30. 23 24 A. At 5. MR O'DONOGHUE: I am about to move on to something different 25

anyway so that may be a convenient moment.

2 THE PRESIDENT: I am very grateful.

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Just before we rise, if we turn up the transcript, page 79, you suggested to the witness in a number of different ways that skinny label price is not a constraint on Auden as the only full label supplier. So looking at your question, Mr O'Donoghue, at the top of page 79 -- let us wait for the transcript to come up. (Pause).

What you say is I will read it out.

11 "Question: What I suggest to you is what we see is 12 very clear. Skinny label suppliers only compete with 13 skinny label suppliers and therefore do not represent a 14 sufficient constraint on Auden as the only full label 15 supplier."

We have heard the witness's answers to that.

18 I just want to get clear the implication of that. 19 I mean, what you are saying, Mr O'Donoghue, is that when 20 one looks at the price curves of full label and skinny 21 label and the various graphs we have looked at, and we 22 do not need to bring those up, the extent to which one 23 curve tracks the other, and it is not perfect, but the 24 extent to which one curve tracks the other is simply a coincidence and there is no correlation or causative 25

correlation between the two. That is the point you are
 putting.

3 MR O'DONOGHUE: Sir, in part, yes, of course. We do make 4 a correlation point in the paper submitted yesterday 5 which is there is a correlation but it is with the drug 6 tariff but there is no correlation in terms of direct 7 constraint from skinny.

8 Sir, on that the Tribunal has received the note from 9 Dr Bennett as requested.

10 THE PRESIDENT: Yes.

11 MR O'DONOGHUE: I do not know if the CMA wishes to show that 12 to Professor Valletti. We would certainly have no 13 objection. There is a subsidiary question as to whether 14 Dr Bennett will be recalled and if so logistically how 15 that may proceed. I appreciate Mr Holmes has not had 16 this long. Maybe we are better off coming back to this 17 tomorrow.

THE PRESIDENT: Indeed, we will not ask any further 18 19 questions but, Mr Holmes, it seems like a good idea, 20 given Mr O'Donoghue's very helpful suggestion, that 21 Professor Valletti do see Mr Bennett's document. 22 MR HOLMES: Sir, I respectfully disagree. The appropriate 23 course in my submission would be to allow us to consider 24 what is effectively a third report from Dr Bennett with Professor Valletti after he has finished his evidence. 25

He can then consider whether he wishes to respond in a considered way in writing. But it would be appropriate for him to consider that with us and to prepare a considered response rather than having to respond on the hoof and without having had any consideration of it with the wider CMA team.

7 As a further point, we have not yet had an opportunity to ask any questions of Dr Bennett about 8 that note. It was received yesterday evening. 9 The 10 ordinary course would be to cross-examine Dr Bennett 11 first on his evidence rather than proceeding in reverse 12 order and asking questions of Professor Valletti about 13 new written material from another of the experts which 14 has only just been submitted.

15 THE PRESIDENT: On the other hand, there would be no
16 objection to the points articulated by Mr Bennett being
17 put in cross-examination --

18 MR HOLMES: I am not suggesting --

19 THE PRESIDENT: -- if that were --

MR HOLMES: -- questions cannot be asked that cover the same
subject matter. I agree that they can, but to ask
questions directly about analysis or argument contained
in that note in our submission would not be appropriate.
MR O'DONOGHUE: Sir, I am somewhat surprised. I mean, this
is a point Dr Bennett covered in his evidence.

1 Professor Valletti has already made a point about the 2 lag. It is a handful of pages. One has to keep a sense of proportion and practicality. 3 MR HOLMES: There is new material about correlation which we 4 5 apprehend is in response to a question from Professor Mason. 6 7 THE PRESIDENT: Yes, we set this hare running not Mr O'Donoghue. What we will do is this: I cannot see 8 9 any harm in Professor Valletti seeing the document and 10 I think it would save time if we go down a certain route 11 for him at least to have read it. 12 So, professor, if you do not mind.

A. Just to clarify, when do I need to read them? Tonight?
In order to be cross-examined tomorrow morning at 10?
THE PRESIDENT: I am not going to make any ruling about
whether these points should be put because I want to
think about what Mr Holmes has said. I just want you to
read it. If you do not have time tonight do not worry.
A. I will do my best.

THE PRESIDENT: Because we all have other things to do, but to the extent one can shortcut the process by reading out of court what would have to be read in court I can see no harm in that but we will consider this question overnight. I am bound to say, I have only read the document once myself, so I suspect a re-read is

appropriate on our part and we will come back in the
 morning with a clearer direction as to what we think
 should be done.

But I think, Mr Holmes, it would be helpful -I appreciate you will not have Professor Valletti's
assistance, but I think it would be helpful to know
whether you would want Mr Bennett to come back to be
cross-examined on this document or not.

9 MR HOLMES: We are not yet in a position to say, sir. We 10 hope that it may be possible to deal with the note in 11 submission but we are still considering that question. 12 We only received the document after business hours last 13 night.

THE PRESIDENT: I appreciate that. All I am saying is that 14 15 if you reach a view on this, it would be helpful to 16 know. I quite understand that I am not going to force the pace on this. You need to take your own time to 17 18 consider it because it is a document only recently received. But it does make a difference I think in 19 20 terms of what approach we take to this material because 21 on any view I suspect it would be useful to have 22 Professor Valletti's views on the document but we do not 23 want either the CMA or the witness to be prejudiced by 24 what is lately produced material, and I say that entirely without criticism because, to repeat, this is 25

1	a hare we have set running rather than you.
2	MR HOLMES: I am grateful, sir. May we also provide
3	Professor Valletti with a copy of the transcript of
4	today's proceedings?
5	THE PRESIDENT: Yes, well, I believe that is normal course
6	in these cases. I cannot see any objection.
7	MR O'DONOGHUE: We have no objection.
8	A. Just a pragmatic question. How big is the report, are
9	we talking about four pages?
10	MR HOLMES: Five or six pages.
11	A. Just to have an idea because otherwise it is a very
12	abstract discussion. I will do my best.
13	THE PRESIDENT: It is six pages long but single spaced
14	aerial which usually means about 10 pages in times
15	Roman. I think that is the
16	MR O'DONOGHUE: And figures and texts, sir.
17	THE PRESIDENT: And figures. Some people might say that
18	makes it worse rather than better but I will not say
19	that.
20	Professor, I do not want you to be in any way
21	inconvenienced by this, so if you do not have time to
22	read it do not worry.
23	A. I am very happy to receive it.
24	MR O'DONOGHUE: Dr Bennett is here today and of course can
25	be here tomorrow.

1 THE PRESIDENT: Thank you very much.

2 MR HOLMES: I am so sorry to interrupt. I understand there are some underlying data sets which are relied upon by 3 Dr Bennett and if we may we propose to provide those as 4 5 well as the report itself. Of course unannotated. I am sure my learned friend will not have any objection. 6 7 MR O'DONOGHUE: We do not think there are any underlying 8 data sets. 9 MR HOLMES: There is a correlation analysis which is based 10 upon data. THE PRESIDENT: Look, I think Professor Valletti will have 11 12 quite enough to read with just the report itself. If 13 you have anything else that you think he needs to read 14 in order to comment on this, then run it past 15 Mr O'Donoghue and you can then provide it to him, but 16 I do not want material that Mr O'Donoghue would object 17 to going to the witness. So given that there is 18 a dispute about whether there are underlying data sets 19 or not, it seems to me that --20 MR O'DONOGHUE: As I understand, it comes directly from data 21 in the Decision. 22 THE PRESIDENT: The source is always important. It may be 23 no more than identify what the source is in the Decision 24 ___ MR HOLMES: I will take it up with Mr O'Donoghue afterwards. 25

THE PRESIDENT: -- in which case all I want is there to be no complaint from Mr O'Donoghue's team that you have in some way been steering the witness. I know you would not want to, but it is better to be more careful than not when communicating to a witness in the witness box. MR HOLMES: That is well understood. THE PRESIDENT: I am grateful. Professor, thank you very much. We will see you at 10 o'clock tomorrow morning when we will resume and until then thank you very much. (4.35 pm) (The hearing adjourned until Wednesday, 7 December at 10.00 am)