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IN THE COMPETITION
APPEAL TRIBUNAL

Case No: 1381/7/7/21

Salisbury Square House
8 Salisbury Square
London EC4Y 8AP

Monday 29th January – Friday 22nd March 2024

Before:
The Honourable Mr Justice Waksman

Eamonn Doran

Derek Ridyard

(Sitting as a Tribunal in England and Wales)

BETWEEN:

Justin Le Patourel

Class Representative

v

(1) BT Group PLC
(2) British Telecommunications plc

Respondent

A P P E A R A N C E S

Ronit Kreisberger KC, Derek Spitz, Michael Armitage, Jack Williams and Matthew Barry (On behalf of Justin Le Patourel)

Daniel Beard KC, Sarah Love, Daisy Mackersie, Natalie Nguyen and Ali Al-Karim
(On behalf of BT Group PLC)

Jennifer MacLeod (On behalf of the Competition & Markets Authority)

Tuesday, 13 February 2024

(10.00 am)

THE CHAIRMAN: Good morning. Some of you are joining us via the live stream on our website, so I must start with the customary warning: an official recording is being made and an authorised transcript will be produced, but it is strictly prohibited for anyone else to make an unauthorised recording, whether audio or visual, of the proceedings, and breach of that provision is punishable as a contempt of court.

Two housekeeping matters for the parties. First of all, we are very grateful for the amalgamated glossary. Secondly, you will have at some point tomorrow questions for limb 2 for next week.

Right, just give us one moment, please. (Pause)

MR DAVID PARKER (continued)

DR HELEN JENKINS (continued)

Questions by THE TRIBUNAL (continued)

THE CHAIRMAN: Dr Jenkins, I just had a question for you, which I hope we can just deal with very briefly, on the question of profitability which we have dealt with yesterday, but I just wanted to ask this: your Table 5, which was in the joint expert statement, was you undertaking what you said was the same sort of exercise that Mr Parker had done, in other words, not simply

1 a gross margin analysis, but you came out that the end
2 result was different figures, or you said, well, put it
3 shortly, even if you do it this way, it shows that the
4 bundles were more profitable.

5 I do not want to go into the detail of it, but can
6 you just explain to me, what did you do in your exercise
7 that was different from what Mr Parker did in his
8 exercise? Because obviously the ultimate figures that
9 came out were different. If that question makes sense.

10 DR JENKINS: It makes sense, yes. In Table 5, what I have
11 not included is the benchmark margin on top of the
12 indirect incremental costs. So we discussed that
13 a little yesterday. So my -- the analysis I have done
14 is the direct costs, which is -- which would give you
15 gross margin, and then I have added different allocators
16 of indirect incremental cost, and I have called that
17 a contribution margin.

18 Then what Mr Parker did in addition was to add
19 a margin on top of those costs and treat that like
20 a cost. So, say, what is the margin left after you have
21 recovered direct costs, indirect incremental costs and
22 a margin on top of those? It was that last step which
23 I said I would not consider useful.

24 THE CHAIRMAN: Thank you. I follow that. But in relation
25 to the allocation of incremental costs, did you allocate

1 the same way as Mr Parker had done?

2 DR JENKINS: One of them is the same way, which is the EPMU
3 basis, which originated as the approach I took in the
4 SAC combinatorial approach. Mr Parker then adopted that
5 for this exercise, and then I added two alternative
6 allocators on the basis of customers and on the basis of
7 revenue.

8 THE CHAIRMAN: Yes. So that is what ... and just to remind
9 us, on customer and revenue, you still ended up more
10 profitable?

11 DR JENKINS: On customers you end up with bundles being more
12 profitable. On revenue it is mixed. Some years bundles
13 appear more profitable, other years SFV is more
14 profitable. It is relatively similar.

15 THE CHAIRMAN: Yes. On EPMU?

16 DR JENKINS: On EPMU then SFV is more profitable than
17 bundles.

18 MR PARKER: Is it worth just turning to page 256, a couple
19 of pages on? {E/49/256}

20 DR JENKINS: Yes, that is the difference in margin.

21 THE CHAIRMAN: That is the difference in margin.

22 DR JENKINS: Yes.

23 THE CHAIRMAN: Thank you.

24 Then, Mr Parker, it is just a question of the inputs
25 here, really?

1 MR PARKER: So all the calculations are agreed, and then the
2 question is where do you take account of the margin? Do
3 you put it in as a direct cost, or do you then say,
4 well, I need to make whatever the -- how you define
5 contribution, or do I then need to make my return on
6 that, and then what are the allocators now?

7 I used EPMU, which is what Dr Jenkins had used in
8 the SAC combinatorial, because that is where the data
9 was on the bundles, and we are trying to compare SFV and
10 bundles here. That is not the allocator that
11 Mr Duckworth and myself think is right, we think cost
12 causality is the right way to calculate incremental
13 costs, but put that to one side. The calculations are
14 agreed if you do it, on EPMU, on customers on revenue,
15 these are the numbers that you get.

16 THE CHAIRMAN: Yes. So the key difference between you is
17 this question of margin, having to factor in the margin.

18 MR PARKER: In this context there is a question of where you
19 factor in -- if you factor in the margin at all --

20 THE CHAIRMAN: If you factor it in at all, yes.

21 MR PARKER: -- there is a separate dispute between us as to
22 what the appropriate level of margin should be.

23 THE CHAIRMAN: That much I understand, and then we are into
24 limb 1, full debate on limb 1.

25 Good, thank you.

1 DR JENKINS: If I may, I had one item arising out of
2 yesterday, actually, as well, with respect to the core
3 data tables.

4 THE CHAIRMAN: Yes.

5 DR JENKINS: That was in Mr Parker's fourth report. It was
6 the table comparing the ARPU of SFV and bundles.
7 {IR-E/5/46}. Yes, Table 1. I think when we were
8 discussing this yesterday, my answer was "I believe so",
9 in terms of agreeing those numbers. They were taken
10 from various aspects of my modelling, so I did check
11 that overnight, and there are two points I wanted to
12 raise with respect to that.

13 First of all, if you see the note to the table which
14 says:

15 "ARPU estimates are reported inclusive of VAT ..."

16 The "BT bundle services", those numbers that
17 Mr Parker has drawn from my profitability model, they do
18 not actually include VAT, so they would need to have VAT
19 added to them to be comparable to the lower line, and
20 I suggest we can do that and supply it to you.

21 I agree with the base numbers. That has been
22 selected correctly. It may not have been clear from the
23 spreadsheet but they do not include VAT.

24 Then for the "BT SFV Services" line, you can see
25 that is taken from my CLA model. So that is at the

1 market definition stage. So I have there calculated the
2 ARPU for BT SFV lower-case "services", in my lingo,
3 which means that includes Home Phone Saver in that line.

4 I can produce the number without Home Phone Saver as
5 well, and I did flag to Mr Parker just before. I am not
6 sure whether -- what is most useful here. We thought
7 without Home Phone Saver; perhaps it is useful for the
8 Tribunal to see both.

9 THE CHAIRMAN: If you could do the alternatives on the VAT
10 and the Home Phone Saver that would be extremely useful.

11 DR JENKINS: Yes.

12 THE CHAIRMAN: Thank you.

13 MR PARKER: Can I also, with apologies, Mr Ridyard, because
14 there was a question about the Bunt Annex 2 pricing data
15 and the request to check that overnight. I have two
16 queries on it compared to the data that was in my
17 Annex A of Parker 3, both, I think, trivial, but for
18 completeness.

19 MR RIDYARD: So this is at page 47 of Bunt, is it?

20 MR PARKER: This is page 47 of Bunt Annex 2. So I have two
21 questions, or there are two discrepancies between these
22 data and my data, both I think are very small. {D/2/47}

23 On the January '14 price change implemented, so the
24 first one, I get a 54p increase on Line Rental, because
25 I think it went up from £15.45 to £15.99. I am not sure

1 that that affects anything of material in the case, but
2 purely in the spirit of completeness.

3 Then in the penultimate one, so the price change
4 implemented September 2020, I have a date of 31 March,
5 i.e. essentially April 2021, for that.

6 MR RIDYARD: His evidence corrected that to April.

7 MR PARKER: Okay, I have not picked that up. So those are
8 my only two clarifications.

9 MR RIDYARD: Great.

10 So just to give you an indication of where we are
11 going today, I have got two more questions to ask first
12 up, and then after that I think we are planning to go
13 into section 1.7 of our questions, because we felt there
14 were a lot of things -- there were quite a few questions
15 which were unasked. Many of them had been addressed
16 either one way or another either yesterday or will be in
17 what we come on to today, but the two questions we do
18 want to ask up-front is first of all I think to
19 Mr Parker in the first instance, and that is about this
20 rebalancing question.

21 One of the arguments that is made is that because
22 Voice volumes decline dramatically over the period we
23 are looking at, and also the way in which Voice was
24 charged -- it tended to change from being sort of per
25 minutes charging to sort of blocks, you know, call

1 packages -- that particularly the former of those
2 factors could justify an increase or explain at least an
3 increase in Line Rental that was just to do with
4 rebalancing of the way charging was done, you know,
5 taking the emphasis away from the per unit element and
6 towards the fixed element, and that would provide a kind
7 of benign alternative explanation for why Line Rental
8 prices might be going up.

9 Now, I know in your evidence you were not convinced
10 by that and not keen on that, but could you explain to
11 us why that is.

12 MR PARKER: Yes. I am a bit sceptical on that. So I can
13 see a rebalancing argument in a world where you are
14 essentially at sort of zero profits overall, and if
15 something -- and therefore if something changes in one
16 part of the product then you need -- you will have to
17 sort of re-organise the other part of the product. This
18 is one of the examples that I think has come up is sort
19 of mobile phone handsets and termination charges when
20 those were a relevant factor. You buy the handset on
21 the anticipation there would be calls on which you would
22 then make termination charges. Competition for handsets
23 means that you sort of anticipate those profits that
24 have been subsequently made. Therefore, if you make
25 lower revenues from termination, the handsets

1 subsequently start to disappear because you are no
2 longer expecting that as part of that package.

3 I think that makes sense in a world where you have
4 got sort of full competition that drives you down to
5 kind of zero economic profits. I am not sure it makes
6 sense here in that it is not obvious that calls ... So
7 while the volumes of calls are declining, the ARPU on
8 calls has been fairly flat in total. That is in one of
9 Mr Duckworth's reports. We might come back to it,
10 limb 1.

11 MR RIDYARD: Yes.

12 MR PARKER: There is no -- other than you have to break even
13 on your service, there is no sort of right to always
14 make the same ARPU collectively across two different
15 elements of the product, unless you cannot function in
16 the market because now you are making sort of less than
17 the competitive market.

18 MR RIDYARD: I see there is no right to do it. But if you
19 just stay agnostic about whether BT is making too much
20 money or not, whatever it is doing at a point in time,
21 if call volumes fall a lot, is it not a natural
22 counterbalance to that to say, well, I am not making the
23 money on call volumes, that you would expect in any
24 market, whether it was competitive or uncompetitive,
25 this kind of rebalancing to occur, thinking, well,

1 I have got to reappraise the way in which I generate my
2 revenues and it makes sense to increase the fixed
3 element.

4 MR PARKER: So again, I think it is a question of whether
5 you think there is market power. If you put that to one
6 side, this is actually -- it is something I raised in
7 Parker 1, if we go all the way back to the initial
8 report, and I flagged that there could be a rebalancing
9 point. That is something that is dealt with now in the
10 limb 1 analysis, which, as discussed yesterday,
11 potentially has an application to market definition as
12 well, because we look at access and calls -- we,
13 Mr Duckworth and myself, look at access and calls
14 together, and the question is: is there a rebalancing
15 effect? So do you see -- if you just took the Line
16 Rental price -- do you see that actually any increase in
17 that was sort of offset by the declines in calls
18 relative to the cost of calls? Because obviously if you
19 have a decline in call volumes you also have a decline
20 in the costs associated with meeting those call volumes.

21 MR RIDYARD: Yes.

22 MR PARKER: As it turns out, it seems to be what I call
23 a reinforcing effect, so actually there is also an
24 additional kind of further substantial difference
25 between the competitive price of calls and the revenues

1 that you get from calls, which actually means that
2 overall, rather than having a rebalancing effect, so the
3 Line Rental is to compensate for narrower calls being
4 much less profitable, actually you do not see that, you
5 see a higher effect, a reinforcing effect on the
6 difference between the overall cost and the overall
7 price as a result.

8 MR RIDYARD: Okay.

9 Dr Jenkins, do you want to comment on that?

10 DR JENKINS: Yes. I think -- I do think a price rebalancing
11 effect needs to be taken into account here because there
12 is an inter-relationship between having the access line
13 and the calls that are conducted over it. So actually
14 the Voice service that is being provided is the ability
15 to both make and receive calls, and when pricing that --
16 as well as other types of access being facilitated. So
17 when pricing that at any point in time, it makes sense
18 that BT is thinking about what are the costs of
19 providing this service to a customer, the ability to
20 make and receive calls, and they take into account
21 the revenue they are going to receive from the making of
22 calls, since there would be no charge for the receipt of
23 calls in this environment.

24 So at the point -- so I think I describe it
25 technically in my first report as like a reduction in

1 the marginal cost of providing that service is
2 the revenue that you get from the calls. It sort of
3 gives the reason why you would do that, and I think that
4 is a very standard pricing dynamic that you see, such
5 that in the event that you see a change in the usage of
6 the product, once it has been purchased, over time, that
7 the provider would look to rebalance, since it is still
8 providing the same opportunity to make and receive calls
9 through the Line Rental, and demand for that is
10 changing.

11 So I think that inter-relationship -- and that is
12 what makes it different from a pure type of: well, this
13 is a monopoly, there are two products, they are not
14 related, there is no reason to expect that if demand for
15 one falls you can put up the price of the other.
16 I think here, because of the inter-relationship, that is
17 why you do see this recognition of these rebalancing
18 effects in products of this type.

19 MR RIDYARD: Yes, okay.

20 THE CHAIRMAN: Can I just ask one supplemental.

21 Mr Parker, if you factor in here not merely a change
22 or a drop in the volumes of calls made, but the drop in
23 customers, because there is a drop in revenue because of
24 the number of people switching, why can that not feed
25 into a rebalancing exercise?

1 MR PARKER: It would feed in if there was sort of material
2 economy of scale in providing calls and access.

3 THE CHAIRMAN: Sorry, can you just ...

4 MR PARKER: So one way of maybe thinking of that, can we go
5 back to Table 4 of the joint -- so page 253 of the Joint
6 Expert Statement. {E/49/253}

7 So the revenue and cost of sales numbers there are
8 access and calls combined, so this is (inaudible). You
9 see essentially the same gross margin being seen pretty
10 much across the piece, so about 65%.

11 Then if you go further up to page 231 of the same
12 statement {E/49/231}, and here if you look at -- this
13 is -- so table B22, you have got the revenue, it is the
14 costs, and I have included the necessary margin. If you
15 look at the SFV services -- if you go on to the next
16 page, sorry {E/49/232}.

17 So "SFV Services Contribution to Common Costs" per
18 line, you see that is pretty flat over the period. So
19 taking into account the direct costs, the indirect costs
20 and the margin ...

21 THE CHAIRMAN: I understand that in percentage terms. But
22 putting it very simplistically, if when you get to the
23 end of a given year you have now got 75 customers, not
24 100 customers, in cash terms your revenue has gone down.

25 MR PARKER: Yes, so this is revenue per customer, and this

1 is absolute, yes, that is right.

2 THE CHAIRMAN: Then why cannot -- if you have got less
3 customers, why cannot one way of rebalancing the lack of
4 revenue be to put up the Line Rental so that the
5 remaining customers you have got will be paying a bit
6 more to compensate?

7 MR PARKER: So this goes to the question of how we deal with
8 the -- what the common costs are, and how we think about
9 the contribution to common costs.

10 THE CHAIRMAN: I see.

11 MR PARKER: Which we could get into now, but obviously I am
12 slightly fearful of stealing someone's thunder.

13 THE CHAIRMAN: No, no. Alright, let me put it this way: if
14 you were simply looking at revenue, nothing else, just
15 revenue, if you have got less customers you have got
16 less revenue obviously.

17 MR PARKER: Yes.

18 THE CHAIRMAN: If you were looking at it on a gross margin
19 basis, one way of dealing with that would be to put up
20 the prices.

21 MR PARKER: In order to get more revenue, yes, that is
22 right. The question is in a workably competitive
23 market, could you put up the prices?

24 THE CHAIRMAN: I understand that.

25 MR PARKER: Because prices are based on costs.

1 THE CHAIRMAN: I understand that.

2 MR PARKER: So I am sure that firms would want to make more
3 money, but you start seeing some sort of intriguing
4 results, like ... I have done an analysis on broadband,
5 standalone broadband, and if you run the same sort of
6 SAC combinatorial approach on standalone broadband, at
7 some point the number of people on standalone broadband
8 would fall to a very small proportion, and that would
9 involve potentially a price increase of 6,500% in order
10 to get the same amount. Now, I do not think that is
11 consistent with a workably competitive market, and that
12 is the constraint.

13 THE CHAIRMAN: That is your point. Your point here, if
14 I may express it, that is, as a matter of maths it is
15 obviously right that if your revenue has decreased, one
16 way of making up that revenue would be to increase the
17 charges per customer if that would give you the extra
18 revenue. Query, is that something which could be done
19 in a competitive market as opposed to one that is not
20 competitive?

21 MR PARKER: Exactly.

22 MR RIDYARD: I guess it would also depend on what was
23 happening to your costs. Because if your costs were
24 coming down in line with the size of your business, then
25 there would be no rationale for increasing. So that was

1 your point about economies of scale?

2 MR PARKER: Exactly. If you just get the same kind of
3 contribution per customer, if that is the competitive
4 contribution per customer, then the fact that you have
5 fewer customers just means you make that profitable --
6 that kind of economic profit on a smaller number of
7 customers, but it does not give you an ability in
8 a competitive market to raise more money from that group
9 of customers.

10 MR RIDYARD: Then I think -- that is good, and I guess we
11 will come back to some of these points, as you have
12 already suggested, later on in the discussion.

13 The last question I had before we get on to
14 section 1.7 is to Dr Jenkins, and it relates to the
15 extent to which the way in which the Voice -- the fact
16 that the Voice pricing is set across the board for all
17 customers, the extent to which that itself provides
18 a constraint on BT with respect to the SFV customers.

19 Now, you are not -- we know that any change in Voice
20 prices applies to everyone, whether you are a bundle
21 customer or an SFV customer, but you are not saying
22 there is an automatic -- just because the price has gone
23 up -- the price of Voice has gone up to a bundle
24 customer, the price the bundle customer pays must
25 therefore go up by the same amount overall, because it

1 is possible to neutralise that effect by adjusting the
2 broadband -- the bundle price, or adjusting the
3 incremental price of broadband over Voice.

4 So if that is the case, if you accept that it is
5 possible to do this neutralising activity and therefore
6 take away the impact of a Voice increase on a bundle
7 customer, is there a constraint on BT with regard to
8 bundle customers when it changes Voice prices?

9 DR JENKINS: I think there is still a constraint in that BT
10 is setting its -- a range of prices in response to the
11 competitive environment in which it sits, and when it
12 puts up the Voice price, it is putting that up to all
13 customers, and hence it needs to make a decision about
14 what then happens to its existing bundle customers as
15 well as the new customer acquisition broadband price.

16 It does pass through that price change more
17 generally to its list prices, and then makes a decision
18 about how much it is going to pass through that cost to
19 the acquisition price for bundle customers. For those
20 bundle customers who are already on a plan, they will
21 have some contract term associated with it. When they
22 come out of that contract, that customer will make
23 a decision about what to do at that point, and may well
24 persist on the off-acquisition price for some time, will
25 face the increases in Line Rental and broadband prices,

1 and at some point may well call in and say: I am unhappy
2 with my pricing, and may then be offered back on to an
3 acquisition type product, or they may switch away.

4 Those sorts of elements.

5 So while it is not direct through for a switching
6 customer, so a customer who is currently taking Voice
7 who is then going to take -- is looking at what the
8 broadband price at the time is, that is the analysis
9 that I have done using the pure pricing data to think
10 about that choice. However, when you are thinking about
11 how BT sets all its prices, it is thinking about that
12 across the board, and constraints from rivals in terms
13 of the total bundle price, which will include this Voice
14 and broadband price for its bundle customers, there will
15 be some effect, but it is not one-for-one, I agree with
16 that.

17 MR RIDYARD: Just to be clear, for bundle customers who are
18 already, let us say, halfway through a two-year
19 contract, so BT changes the Voice price to me as its
20 customer, are you saying that for the next year, the
21 year remaining in my contract, I am therefore stuck with
22 higher prices?

23 DR JENKINS: I do not believe so but I would have check
24 that. I mean more when you come out of your contract,
25 lots of people stay on the price -- you know, it reverts

1 to the back book price, and at that point, if you are
2 very on top of things, you might call in immediately and
3 say: I am at the end of my contract, please can I look
4 at something else. Lots of people do not do that, and
5 then they revert to the list price.

6 MR RIDYARD: Then the other part is that you accept that it
7 is possible for BT, in my terminology, to neutralise the
8 impact on the bundle customer, so the constraint then is
9 just in -- by doing this neutralisation activity, I am
10 narrowing the gap between the standalone and the bundle
11 price, so how is that a constraint on BT? Why does BT
12 worry about that gap narrowing?

13 DR JENKINS: The constraint on BT is it is not automatic
14 that they do not pass on any part of that. They may
15 choose not to do that, but they do not automatically do
16 that. They have to think about that choice.

17 In thinking about that gap, it is also between what
18 their Voice price is and what their bundle price is and
19 what the bundle price in the market is, and, in a sense,
20 what they are hoping to do is get their customers at the
21 point that they decide to move to a bundle, rather than
22 either purchasing separately or only purchasing Voice,
23 choosing BT as that supplier. The advantage of
24 narrowing the gap is that when they communicate with
25 their customer they can say: hey, have you thought about

1 adding broadband with us to your package? You only have
2 to add X amount more. That incremental price being low
3 helps people move to the next product level.

4 MR RIDYARD: But the process of neutralising the Voice price
5 increases is to reduce that gap, is it not? So that
6 is -- does not that suggest it is good news for BT,
7 because it makes it easier to do that sell, if that is
8 what they are interested in?

9 DR JENKINS: Yes, it is easier, but the constraint is they
10 run the risk of losing that customer in general to other
11 providers. So they are seeking to structure their
12 pricing to recover the reduced -- they are doing
13 multiple things with their pricing. It is not just one
14 thing. It is not that you have set this without any
15 regard to what else is going on, and this is at a time
16 where they are seeking to compete and invest where they
17 are facing the reducing call volumes, and they want to
18 give the best chance to retain their customers and
19 encourage them to take multiple products on their line.

20 So that is a sense in which narrowing the gap is
21 part of the constraint from the bundle market in the
22 sense of wanting to structure those prices to be as
23 attractive as possible for choosing BT.

24 MR RIDYARD: Mr Parker, any comments on that?

25 MR PARKER: I think the Voice price and the Dual Play price

1 are essentially two different pricing decisions. While
2 BT sort of -- in the way that it thinks about it, it
3 thinks I am setting a Voice price across the board. The
4 Dual Play price is then made up of that Voice price plus
5 whatever the incremental broadband price is. We saw in
6 Figures 5.5 to 5.7 of Dr Jenkins' first report that
7 incremental broadband prices change around a lot, and
8 this is in terms of the prices that BT needs to set in
9 the market for Dual Play and other bundles in order to
10 be competitive in that market, which the view is that
11 that is a competitive market.

12 So it seems to me these are -- whilst they are sort
13 of broken down in a slightly strange way, they are two
14 separate decisions. I agree with the point about
15 keeping your incremental broadband price low makes it
16 attractive, clearly it makes it attractive as
17 a proposition, more attractive as a proposition
18 potentially to any Voice customers who might switch,
19 potentially to other people's Voice customers who might
20 switch, potentially to other people's bundle customers
21 who might switch. It seems to me that is the effective
22 way of getting people onto your broadband product --
23 your Dual Play product is to encourage people to do that
24 through low prices of that product, not through high
25 prices of the Voice product.

1 So I think, to summarise, I think it is two separate
2 pricing decisions.

3 MR RIDYARD: Okay, thanks.

4 Right, let us move on more definitely into the SSNIP
5 test and the approach to the SSNIP test.

6 Perhaps, Mr Parker, I can ask you this in the first
7 instance. When we are thinking about the focal point
8 for the SSNIP test, obviously we are interested in SFV
9 services as the focal point, but when we think about
10 these hypothetical monopolist of SFV services, should we
11 be taking into account that in reality any feasible
12 supplier of SFV services will also be a bundle supplier
13 as well, and should that be somehow factored into our
14 notion of the hypothetical monopolist?

15 MR PARKER: So this is an interesting question, and you will
16 have seen the sort of debate in Parker 5 and Jenkins 3.

17 MR RIDYARD: Yes.

18 MR PARKER: The way that I thought about this originally is
19 that you should look at SFV services, and you should try
20 and think about whether a hypothetical monopolist of
21 those services, who just sold those services, could
22 raise prices, ignoring, if you like, any potential
23 recapture incentives of -- because the hypothetical
24 monopolist just offers those services.

25 The way that the US Department of Justice and some

1 subsequent literature has started to look at this is to
2 say, well, it is a bit artificial -- so Dr Jenkins'
3 argument is it is artificial to look at the hypothetical
4 monopolist of SFV services alone where BT is this
5 multi-product firm, and so trying to compare is -- you
6 need to look at this strange world of the hypothetical
7 monopolist, would not benefit from any recapture but BT
8 would.

9 The way that the debate seems to have gone in the
10 United States but also in the Niels and ten Kate paper,
11 is to say, well, actually thinking about the
12 hypothetical monopolist as only providing the single
13 product, where firms in reality all largely sell
14 multiple products, creates an artificiality in the test
15 that is rather uncomfortable and not very helpful for
16 really getting to the underlying question of interest,
17 which is could you profitably monopolise SFV services?

18 The way that people have thought about that,
19 seemingly, in the literature, is to say, let us think
20 not of a hypothetical monopolist of a single product but
21 a hypothetical multi-product monopolist of the relative
22 products in -- that all the firms in the market are
23 selling. That allows you to sort of neutralise the
24 effect of any kind of recapture incentive that is there
25 in the real world by saying, well a hypothetical

1 monopolist, multi-product monopolist, can have that too.

2 MR RIDYARD: What does a hypothetical multi-product
3 monopolist look like? It has a monopoly of SFV, and
4 what position does it have in broadband?

5 MR PARKER: So it is -- there is a bit of dispute about
6 this, but it is essentially the sum of all of the
7 products offered by the people who provide SFV services.
8 So the hypothetical multi-product monopolist offers SFV,
9 Dual Play, Triple Play, quad play, and other products
10 that are offered by people who also offer SFV services.
11 So it is a very -- it is what Niels and ten Kate call an
12 "inclusive" monopolist, but it is what the DoJ, I think,
13 not very helpfully, calls a hypothetical cartel, but it
14 is the hypothetical monopolist of all these services,
15 and the test they run is to say, well, if you are the
16 hypothetical multi-product monopolist of all these
17 services, could you raise the price of SFV services
18 alone? If so, that is the market.

19 That then says, well, if there was recapture by the
20 hypothetical multi-product monopolist in other parts of
21 the products that it sells, then that is a factor that
22 leads you to worry more about market power in SFV
23 services, not less. I think that is the -- there was an
24 original Moresi, Salop and Woodbury paper that said you
25 should worry less about it, because in the real world

1 people are recapturing this outside.

2 The conclusion of the literature I think is that
3 gives you the wrong -- that gives you -- that goes the
4 wrong direction for what you really care about, and what
5 you should do is adjust the concept of the hypothetical
6 monopolist in this situation.

7 So I have had a look at that in Parker 5. There is
8 not much left over. I had posited that maybe standalone
9 mobile phone services were then the sort of remaining
10 out-of-market constraint for the hypothetical
11 multi-product monopolist. Dr Jenkins has pointed out
12 that there are -- actually BT has mobile phone services,
13 Virgin has mobile phone services, Vodafone has SFV and
14 mobile phone services. There is not -- there is not
15 a standalone mobile constraint. There may be some
16 people who only offer bundles and do not offer SFV or do
17 not have any legacy SFV customers, but that is going to
18 be small.

19 So the conclusion I think is, on that basis, there
20 is definitely market power, that the hypothetical
21 monopolist could raise prices at an uncompetitive level
22 of SFV, because there is actually not very much -- there
23 is not much --

24 MR RIDYARD: There is nowhere else for the demand to go.

25 MR PARKER: There are not many places for the demand to go

1 at that point.

2 So it is just for market definition purposes, but
3 that is -- that I think is where the new literature has
4 got to.

5 MR RIDYARD: Dr Jenkins, we have read your report, but can
6 you tell us what your take is on this?

7 DR JENKINS: Yes, so possibly we could have benefited from
8 talking about it, having a bit more time to think about
9 these issues before the last few days.

10 MR RIDYARD: Although, I mean, the point about the recapture
11 incentive and so forth has been in there for a while.

12 DR JENKINS: Completely, completely. The approach I had
13 taken was in the knowledge -- in thinking quite hard
14 about how you deal with recapture incentive.

15 So what does a recapture incentive mean here? It
16 means that the product is a good substitute for the
17 focal product. That is what it means. It means that
18 when people cease to choose that focal product, they
19 move to this other product.

20 While I understand the point that Mr Parker is
21 making, which is saying, in some sense, oh, well, what
22 we are interested in here is an ability to raise
23 the price of the SFV service, we have to be really
24 careful about not mixing what is essentially a dominance
25 point and a market definition point here. Because in

1 market definition what you ask is: imagine there is
2 a hypothetical monopolist of the product of interest,
3 which is the SFV services product, and then we are
4 asking the question: what are good substitutes for that
5 product? So, to that extent, for me it was actually
6 correct to say for the case that we have here that you
7 do want to strip out the other potential substitute
8 products and think about it from a hypothetical
9 monopolist's perspective of the focal product.

10 So this literature that is being referred to has
11 come out very much from a differentiated products merger
12 perspective where you often have this, in fact, mixing
13 of market definition and market power question, and
14 asking the question about whether or not the merging
15 parties, so some conglomeration of providers in the
16 market, will have some power to raise prices. Now, that
17 is not the question of interest here, right, because we
18 are asking the question of whether the focal product for
19 one provider is -- has substitutes that we need to take
20 account of.

21 Now then, when we go further in the analysis,
22 I mean, absolutely throughout my analysis the
23 competitive dynamics between the SFV product and the
24 bundles product has been absolutely central to the
25 analysis I have done, precisely because it is, in this

1 competitive framework where you have other suppliers of
2 bundles competing, you need to think very hard about
3 what the consequence of that competition is for
4 supplying SFV services. That is how I have framed it in
5 dominance, that is how I have thought about the limb 1
6 analysis, that is how I have discussed in limb 2.

7 But for market definition, where our focal product
8 is SFV services, I think the right approach is to
9 consider the hypothetical monopolist with only that
10 product.

11 MR RIDYARD: So you think we should deliberately be
12 artificial, as it were, because the hypothetical
13 monopolist test is an artificial exercise?

14 DR JENKINS: Exactly.

15 MR RIDYARD: So you deliberately put those considerations to
16 one side, even though you know at some point you will
17 need to think about them, but just for this particular
18 question you deliberately blinker yourself to think
19 about an SFV monopolist who would suffer from any
20 diversion to anything else.

21 DR JENKINS: The reason why I think that is the right way to
22 do it is because, as you say, the hypothetical
23 monopolist test, as Mr Parker and I agree, is
24 a framework of thought. So you have to think, okay, how
25 do I need to apply it here? What is the question I am

1 actually interested in at this point? As Mr Parker has
2 just described, if one is to implement the HMMT, which
3 I would not say -- I am not aware of a situation in
4 which it has actually been implemented ever, right?
5 No one has actually conducted a market definition taking
6 this into account in this way.

7 THE CHAIRMAN: You mean in the context of a single
8 monopolist, potential monopolist, as opposed to a merger
9 situation?

10 DR JENKINS: In any situation.

11 THE CHAIRMAN: In any situation, right.

12 DR JENKINS: I am not aware of that. I stand to be
13 corrected, but I do not believe it has been used. So it
14 is not as if the world is moving on to think about this,
15 it is that this is something to consider when you are
16 implementing a hypothetical monopolist test in these
17 situations.

18 Now, as Mr Parker just described, what one would
19 have to do here is effectively say, okay, this is
20 actually a hypothetical monopolist of all bundle
21 products and mobile products, the way -- more or less
22 all of those, because no one does -- there is hardly
23 anyone who does not do these things, offer the full
24 range of these services.

25 I think as I put in my third report, I would have to

1 find the reference, this is actually like the second
2 step of a hypothetical monopolist test. So when you do
3 a hypothetical monopolist test you start from your focal
4 product and you say: imagine that they divested
5 everything else, would it be profitable for them to
6 raise that price? My answer to that, based on the best
7 evidence that I could find, was, no, it would not be
8 profitable because there is a lot of switching to the
9 bundle product.

10 Then the next step of the hypothetical monopolist
11 test is, okay, now imagine that my hypothetical
12 monopolist owns both the standalone product and
13 monopolises all the bundle products. That is the next
14 step in a hypothetical monopolist test. Then I ask
15 myself the question again: would they now be able to
16 raise the price of the Standalone Fixed Voice product,
17 and would that recapture that happens, now that they
18 also monopolise all of that, be sufficient to make it
19 profitable?

20 In this situation, I have not done it formally, but
21 I agree with Mr Parker the answer would likely be yes,
22 that it is then profitable to raise the price of SFV
23 when you also control all of the bundles.

24 The conclusion of that set of thought process in
25 a hypothetical monopolist test is that the market is

1 broader than SFV and includes SFV and bundles, and that
2 is the conclusion I have drawn from the evidence.

3 MR RIDYARD: Yes, okay. That is clear.

4 This may be a completely wrong way of thinking about
5 things, but suppose we go with your, what I might label
6 as blinkered, consciously blinkered approach, just
7 looking at the SFV monopolist, and let us say we could
8 do the hypothetical monopolist analysis and we found
9 that the monopoly price, you know, the above competitive
10 price for ... Let us say the profit maximising price for
11 the hypothetical monopolist of SFV was 100. If in
12 reality, when we come to reality, anyone who supplies
13 SFV will also supply bundles, and there is this -- and
14 bundles are profitable in some sense, at least they
15 provide a positive contribution, then in reality would
16 not everyone who was an SFV supplier factor in the
17 advantages of the fact that losing sales does not hurt
18 them quite as much as it does for the hypothetical
19 monopolist, and therefore they would be a bit more
20 relaxed about raising price, so anyone in that market
21 would actually charge a price of £105 or £110 or
22 something, because some of the harm of losing sales is
23 neutralised by picking them up elsewhere.

24 So does that mean that we should be rebasing our
25 notion of what the competitive price is in the first

1 place in the narrow market, in the narrow product area?

2 DR JENKINS: Yes, this is something that came up in the
3 joint meeting between the experts. So just taking that
4 thought experiment as you said it, what we have -- the
5 base price I used for the base of my
6 Critical Loss Analysis was prevailing prices for SFV
7 services. So that is not the price that a hypothetical
8 monopolist of SFV services would set, it is the price
9 that BT currently sets for it, which may or may not be
10 monopolised, that is one of the questions, but I use
11 prevailing prices.

12 Then I think in the hypothetical monopolist test you
13 say, okay, that prevailing price for BT I agree will
14 include part of the benefit that BT will be thinking
15 about that it is going to recapture. So if BT were
16 a supplier only of SFV, you would expect it to set
17 a price below the prevailing price. That prevailing
18 price captures their pricing incentive of recapture.

19 So then the question is, okay, what base should we
20 use for a hypothetical monopolist of SFV? The way
21 hypothetical monopolist tests are often thought of is
22 you start from prevailing prices, and then you see would
23 you, could you switch -- or if you tried to raise
24 the prices from current prices, what sort of switching
25 away would you expect to see? But we are interested in

1 thinking about what the competitive price would be.

2 Now, I did not and have not done a piece to work out
3 what that -- exactly what unwinding the recapture
4 incentive would be for BT. It possibly could be done,
5 I just have not done it. I recognised that there could
6 be some element of that, that that prevailing price
7 includes a recapture incentive, and said: I have already
8 canvassed that thought process with respect to the
9 cellophane fallacy, which has implicitly the same sort
10 of criticism that says because BT is a big supplier of
11 Standalone Fixed Voice, perhaps the prevailing price
12 itself is too high.

13 So I have done checks where I have reduced that
14 starting point quite significantly, and my view is that
15 that will compensate from any concern that actually the
16 starting price is not right here, and therefore you can
17 be -- you do not need to worry that even -- that just
18 because I have used base prices, the recapture incentive
19 may be masking wider markets than is actually the case,
20 because I still find the wider markets even when I use
21 a lower base price.

22 MR RIDYARD: Thank you.

23 Mr Parker, your turn on this.

24 MR PARKER: Yes, I have a number of thoughts here, but I am
25 sure we will come on to other thoughts on Dr Jenkins'

1 CLA in a minute.

2 But at a conceptual level, first, I do not think we
3 need to be worried that this was -- that HMMT was
4 a test-based merger analysis. The original 1984 US
5 Merger Guidelines were the guidelines that introduced
6 the hypothetical monopolist test in the first place.
7 I think the distinction, as Dr Jenkins rightly says, is
8 whether you start your analysis from the prevailing
9 price which might be found in a merger, or whether you
10 start from the competitive price which is an abuse case.

11 I think the description that Dr Jenkins gives is of
12 the kind of cellophane fallacy and recapture incentive
13 issues. I think those are two completely conceptually
14 separate issues. So the cellophane fallacy is if you
15 have market power then prevailing prices will be above
16 the competitive level. The recapture incentive, I
17 think, if I understand Dr Jenkins' argument correctly,
18 is that the competitive level is higher because BT has
19 a recapture incentive. But neither of those apply --
20 well, there is then a problem about how you think about
21 the hypothetical single product monopolist here, because
22 the single product monopolist should not have
23 a recapture incentive. So the first thing you need to
24 do is somehow unwind using BT's data, and say what
25 proportion of that is the recapture incentive? Because

1 we do not -- the hypothetical monopolist from the CLA
2 should not have that incentive, so we need to unwind for
3 that.

4 We also then need to unwind for any market power
5 that BT might have, and that is the cellophane fallacy,
6 and I do not agree with the way Dr Jenkins has done
7 that.

8 But those unwindings need to have -- need to come in
9 in two ways. They need to come in in both the
10 calculation of the actual loss, because you need to say,
11 well, if you had a different level of prices that was
12 consistent with the level that would have applied for
13 the hypothetical single product monopolist, how many
14 people would have switched away, because those prices
15 would have been lower, because they would not have had
16 the recapture incentive in play, so other products would
17 not have looked as good substitutes, so we need to try
18 and work out what that alternative switching path would
19 have been. I do not think there is any way to do that.

20 But we would also need to look at the critical loss,
21 because the critical loss that is being used here is on
22 BT, and it is the prices that BT is able to charge,
23 which is a combination of the competitive price plus any
24 market power mark-up plus a recapture incentive. We
25 would need to unwind all of those -- both of those in

1 order to change the critical loss, and we need to change
2 the critical loss for the recapture incentive because,
3 as Dr Jenkins says, BT has a recapture incentive and the
4 hypothetical single product monopolist does not.

5 So I do not think either of the elements of the CLA
6 are actually doing what they ought to do, which is to
7 compare the critical loss for a hypothetical single
8 product monopolist in this world with the actual loss
9 for a hypothetical single product monopolist. We are
10 using two chunks of BT data which are polluted by this
11 recapture incentive.

12 THE CHAIRMAN: Just one second, please. (Pause).

13 MR RIDYARD: I think a brief follow up on this is. I see
14 what you say about the cellophane and the recapture
15 thing being two logically separate things. If we just
16 focus on the recapture point, I think what is behind my
17 question, which may well be misconceived, is if there is
18 a recapture incentive, it is not just BT that suffers
19 from it, everyone would suffer from it, so --

20 MR PARKER: Or benefit from it, I suppose. Yes, so --

21 MR RIDYARD: So --

22 MR PARKER: Sorry, you should finish your question.

23 MR RIDYARD: Does that mean that it is just -- does that
24 mean it does not make sense to think about the
25 standalone monopolist, because there is no such -- no

1 real life animal will meet that -- will act like that or
2 have those constraints? So everyone in this market is
3 going to be thinking about recapture, therefore the
4 notion of the competitive market price should factor in
5 that recapture effect. Is that wrong-headed?

6 MR PARKER: No, I think that is the right way to think about
7 it. I think that is where this idea of the hypothetical
8 multi-product monopolist has come from. It is sort of
9 recognising that it is artificial to say we will just
10 have a single -- hypothetical single product monopolist
11 when everyone in the market is offering a set of -- a
12 wider set of products which are potentially substitutes,
13 or indeed complements, but in this case substitutes for
14 each other, and you should start -- it is more sensible
15 for the purposes of what we are trying to do, which is
16 to say: is there a set of products which some
17 hypothetical monopolist could profitably monopolise?

18 This is then the set up for sort of further -- the
19 remaining analysis, you know. This is not -- this is --
20 the purpose of the market definition exercise is to try
21 and identify whether there is that -- whether you could
22 exert market power over a particular set of products.

23 I think it is artificial to say, well, we will treat
24 this hypothetical monopolist as only considering this
25 one product, even when everyone in the market has

1 a different portfolio and different incentives.

2 On the point about everyone has a -- if everyone has
3 a recapture incentive, if all the markets are
4 competitive and everyone has a recapture incentive, it
5 tells you something about kind of potentially how you
6 recapture your -- the margin you would need to apply on
7 the different services to cover your common costs. But
8 if everything is competitive, you are just covering your
9 common costs, and it will go a little bit to the level
10 of mark-up that you make on different services, and this
11 is the conversation we might come to in limb 1 in
12 relation to the Bliss paper.

13 MR RIDYARD: Yes.

14 MR PARKER: But I would probably put that to one side for
15 now. I think what you describe exactly says why you
16 should think about -- why the literature sort of turns
17 to this hypothetical multi-product monopolist. So in
18 these rare cases, and I agree with Dr Jenkins, I am not
19 aware of a case where it has been applied, but in these
20 rare cases where this is a material issue, you should
21 not get kind of some strange result caused by the sort
22 of artificiality of thinking about a hypothetical single
23 product monopolist where in fact everyone in the market
24 is a multi-product firm.

25 MR RIDYARD: Okay. There is much to think about in that,

1 but I think it makes sense for us to move on to the
2 practicalities, slightly more practicalities of the way
3 the SSNIP test has been done in your reports whilst we
4 think through some of the implications of that exchange.

5 I think where we would like to go next is -- we have
6 headed this "Mr Parker's SSNIP Test", obviously you will
7 both have views on it, but I suppose focusing on,
8 Mr Parker, your approach in conducting the SSNIP test in
9 your reports, the most basic question is: should we be
10 looking at BT's actual price when we conduct the SSNIP
11 test?

12 MR PARKER: So I think the risk of focusing on BT's actual
13 price is obviously that if BT had market power, then it
14 would be pushing pricing above a competitive level, and
15 you would see excess -- other products would look more
16 like they are substitutes.

17 MR RIDYARD: If we knew the answer to that question, we
18 would not need to do the SSNIP test, would we?

19 MR PARKER: But also to the extent that that tends to lead
20 to wider markets, I do not think it undermines my
21 conclusions, which are that there is a market of SFV
22 services. If anything, it could tell you that the real
23 situation is there is a market even narrower than that,
24 which is for BT's SFV services alone, but I do not take
25 that position. I do not think it makes any difference

1 to take that position.

2 I think perhaps the easiest kind of way to sort of
3 see this in practice is to look at the SPC Dual Play
4 analysis, for example, Figures 7 and 8, of Parker 3,
5 which is on page 81. {E/3/81}

6 MR RIDYARD: So this is saying that the sum of the
7 components is much higher than the bundle price.

8 MR PARKER: Yes, so I have got a Voice component and
9 a broadband component, and then I have got a Dual
10 Play -- equivalent Dual Play product, which is
11 presumptively competitive on the basis that that is a --
12 that bundles are competitive. I mean, if bundles were
13 not competitive, and that was a bit above the
14 competitive price, then my results would be
15 conservative, but let us assume that is a competitive
16 price. It will be some amalgam of the standard and
17 promotional prices. We know there is quite a lot of
18 promotional activity in attracting customers to
19 broadband, and BT has been able to raise the price of
20 the people who take the components more than the bundle
21 by a very substantial amount, and that suggests to me
22 that a hypothetical monopolist doing the same thing, and
23 I think implicitly there we are thinking about -- we are
24 not thinking about the sort of recapture incentive.

25 But there should not be a recapture incentive in any

1 event for this analysis, it should not matter, because
2 we are talking about if you push someone off SPC,
3 standalone broadband and Voice, and you push them on to
4 your Dual Play product, it is exactly the same product,
5 you are just making less money on it.

6 So it seems to me the fact that BT has in reality
7 been able to put prices up very considerably above this
8 kind of competitive benchmark by a lot more than
9 a SSNIP, you can see the numbers on the next page in
10 the -- very substantially above what you would normally
11 think of as a SSNIP test, would -- suggests to me that
12 the SFV component of that is priced well above -- you
13 know, by more than a SSNIP.

14 That I think tells you market definition. Then
15 because you cannot -- it tells you something about
16 market definition, and because you cannot
17 price-discriminate between SPC and VOC pre-commitments,
18 that tells you that that is true also for VOCs, and I do
19 the VOCs also in a different way, by looking at the sort
20 of change that you get in the Line Rental price versus
21 the direct --

22 THE CHAIRMAN: Sorry, can I just ask -- sorry, just to go
23 back to that last point. I follow what you were saying
24 in the context of looking at the SPCs and the pricing
25 there as against what you say is a competitive benchmark

1 in terms of the bundles, but then you went on to say
2 that that shows you it is the same for the VOCs, and I
3 am sorry, I just did not understand that.

4 MR PARKER: Sorry, I am jumping too fast.

5 So pre-commitments, BT could not separately identify
6 Split Purchase and Voice Only Customers --

7 THE CHAIRMAN: Ah.

8 MR PARKER: So a finding -- you can see for Split Purchase,
9 because we are sort of neutralising the effect of any
10 product differences, because Voice and broadband is the
11 same as a Dual Play bundle, you can then apply that
12 result across to VOCs, because VOCs charge the same
13 price -- face exactly the same price for the Voice, for
14 the SFV service.

15 Then I have looked at it in an alternative way,
16 which is just to say, compared to where things were in
17 2009, the direct costs of Wholesale Line Rental, which
18 is 90 to 95%, all the direct costs have gone down a bit,
19 and the price of Line Rental has gone up 50% or so. So,
20 again, sort of taking that as a whole, that is
21 consistent with this evidence, and then we have the
22 limb 1 analysis, if you want it, on these examples.

23 MR RIDYARD: Thank you.

24 Dr Jenkins.

25 DR JENKINS: Starting with the figure that we have in front

1 of us, and we did cover some of this ground yesterday,
2 but this is a chart which shows a few particular list
3 price elements, but we actually have very little
4 information on what SPCs are paying for the broadband
5 element that they are not getting from BT. So almost by
6 definition, these SPC customers are taking Standalone
7 Fixed Voice from BT and are taking the other services
8 from someone else in the market.

9 Now, the fact that these list price additions show
10 big gaps, it is very hard to conclude from that anything
11 about what is actually going on in the market for these
12 SPCs, and in my first report I set out the evidence from
13 customer surveys at around 2016/2017 where Ofcom
14 asked -- Ofcom's provider asked SPC customers: why do
15 you not take your broadband service from your Line
16 Rental supplier? They answered, I think 35/40%
17 answered: because I am getting a better deal on my
18 broadband or better value for money for the other
19 product.

20 So I think it is very hard to draw any conclusions
21 from this picture that would be relevant -- that would
22 be sufficient to be relevant for a market definition
23 exercise.

24 The other piece that is -- so that is missing here
25 is what this is saying is, for whatever reason, Split

1 Purchase Customers are currently willing to pay, even if
2 you take it on its face, they are willing to pay more to
3 split their purchase. Some customers are. There is no
4 assessment of how customers behaviour changed.

5 Mr Parker said, well, it does not matter because you
6 are selling them two separate products, and then it is
7 going to be a bundle. But no, what goes on here is that
8 BT competes for and wins the bundle business back from
9 whoever is currently providing broadband. So it is
10 a real win for BT. They get the additional revenue for
11 the full bundle when currently they are only getting the
12 Voice revenue. That is the dynamic.

13 That is why they are putting in place a gap between
14 the two standalone product prices and the bundle, it is
15 in order to consolidate the purchasers to themselves
16 rather than to two separate suppliers.

17 THE CHAIRMAN: So are you saying that is your conclusion,
18 that that is, as a matter of fact, what was happening?

19 DR JENKINS: As a matter of fact, where you see customers
20 who are SPCs in BT's database, many of them, a very high
21 proportion of them, switched to a bundle with BT. You
22 can see that in --

23 THE CHAIRMAN: I follow that, and I understand what you were
24 saying about the reliability or otherwise of the
25 underlying prices here to make the differential. But

1 I thought you were just saying a moment ago that because
2 this was a big win for BT, this was why they were
3 maintaining relatively high prices on the SPCs.

4 DR JENKINS: What I am saying is if you look at these list
5 prices on their face, so if it were the case that this
6 was the right prices that people were taking, you still
7 have to take into account how these gaps triggered
8 switching behaviour, because you cannot just look at
9 them and say, oh well, there you go, separate markets.
10 You have to say, okay, so there was this big gap, what
11 happened? Well, actually a lot of those customers
12 switched from taking the separate purchases to becoming
13 bundles.

14 Now, even that first premise may not be fully
15 correct, and I am not -- and on its face you cannot tell
16 immediately. You have to actually do the analysis and
17 think about, okay, what would be -- is the switching
18 sufficient to say it would not be profitable for someone
19 to maintain those differences?

20 MR RIDYARD: I think the obvious response to that is that on
21 the face of this graph, the pricing differential has
22 maintained, so whatever dynamics are happening, it is
23 not sufficient to fix the problem. That would broadly
24 be the position that Mr Parker I think would put to you
25 on this.

1 DR JENKINS: There will be some customers who want
2 standalone Voice and there may be some customers who
3 want standalone broadband. There are not very many in
4 the market who are actually doing that, and over time
5 they have -- that number has fallen.

6 I think there are many examples where you observe
7 price differences of more than 5% that reflect for
8 whatever reason the different tastes, the fact you are
9 offering a range of services at a range of different
10 prices to customers, that just because the gap does not
11 narrow does not mean that there has not been sufficient
12 switching such that you would not want to raise
13 the price further, which is actually the hypothetical
14 monopolist test.

15 So here what we are seeing is a level -- a position
16 difference of these things, and Mr Parker here has not
17 looked at, oh, when the price of Voice increased what
18 was the impact on the amount that Split Purchase
19 Customers paid? Which was probably less than a SSNIP.
20 This is maintaining that differentiation of the product
21 offering.

22 MR RIDYARD: Okay.

23 Mr Parker, do you want to come back on that?

24 MR PARKER: Yes. It seems to me the sort of purpose of
25 looking at switching in one of these analyses is to say,

1 would it exert a competitive constraint? But this
2 analysis allows us to look at whether it was sufficient
3 to exert a competitive constraint. Had it been
4 sufficient to exert a competitive constraint, you should
5 have seen these prices for SPCs start to come back down
6 to the Dual Play price and you do not. You see a
7 persistent -- basically it is a pretty constant,
8 probably marginally increasing over time, differential.

9 I do not agree with the idea that you need to look
10 at -- you take some starting differential and then you
11 have to look at a price above that. You need to look at
12 the competitive price and say, can you raise prices
13 above the competitive level. The competitive level here
14 is the Dual Play price. The SPC Voice Line Rental here,
15 Line Rental and broadband price is the same product as
16 the Dual Play prices. It is a Line Rental and broadband
17 bundle.

18 So there is not any kind of product differentiation
19 that would seem to be able to justify these sorts of
20 price differentials. My interpretation of this, I think
21 from -- sorry, from a market definition perspective, the
22 fact that BT has been able to maintain such price
23 differentials seems to me to tell you that it is
24 a market, that there is an SFV market because if the
25 switching had been sufficient, you should have seen

1 those price differentials kind of wither away and you
2 would not be able to maintain them.

3 MR RIDYARD: Is it possible that -- we all make mistakes do
4 we not, is it possible that the consumers who think they
5 are getting a good deal by buying them separately just
6 have not done the maths and there is a good chunk of
7 them who continue not to do the maths?

8 MR PARKER: I think the first thing is where we are talking
9 about BT Split Service Customers, so they have exactly
10 the same, they have had both products from BT, Ofcom
11 thinks about 20% of these purchase customers are BT, BT
12 Split Service Customers, then that should not apply.
13 Yes, they may not have done the maths but if so, BT is
14 able to exploit the fact that they have not done the
15 maths to be able to raise prices above the competitive
16 level, above Dual Play price quite considerably.

17 If we are talking about whether these customers are
18 choosing to be split service because they get a really
19 good incremental deal on broadband from someone else,
20 I do not think that is inconsistent with the idea that
21 BT is able to price its SFV service above the
22 competitive level even if the other part of that, the
23 sort of standalone broadband part offered by someone
24 else looks attractive to that customer. I think the
25 question is: can BT raise the price of sufficient

1 services above the competitive level, and that is what
2 I am measuring.

3 MR RIDYARD: So even if the customers who said they did
4 Split Purchase because they were getting a better deal
5 elsewhere, even though that was motivated by some deal
6 they had done with Sky TV on the Sky TV premium
7 channels, you are saying that would not have influenced
8 your --

9 MR PARKER: I do not think it would influence the conclusion
10 that BT in this case was able to raise prices very
11 considerably for the Standalone Fixed Voice component of
12 that multi-supplier bundle, as it were, former
13 standalone components.

14 MR RIDYARD: Dr Jenkins, can you comment on that?

15 DR JENKINS: Yes, if you thought about Figure 8 that we were
16 looking at and it if turned out that the sum of SFV plus
17 the deal that was being got from the other supplier put
18 it at the same level as the blue and yellow triangles,
19 then I do not think on the face of this you could
20 conclude that there was a separate market. If you have
21 lost the price difference for an SPC customer as
22 compared with the bundle product from BT, then it could
23 be perfectly rational for the customer to have done
24 that.

25 In this chart what we see is that Virgin Media's

1 standalone product, that is the top line that you have
2 got two sort of maroon coloured blocks, so to your point
3 before, which is: "well, why are people doing that?"
4 Virgin Media is also offering standalone broadband at
5 what seems like quite a high price here for this
6 product. They are not withdrawing that product. The
7 fact that it exists, I imagine if Virgin Media is
8 offering that standalone product, they may also be
9 seeking to ask their customers to consolidate other
10 services along with the standalone broadband product.

11 So the fact that you offer these standalone products
12 is not in and of itself a sign that the market is not
13 working properly.

14 MR RIDYARD: Mr Parker, did you want to come back on that?

15 MR PARKER: Only that the differential between -- so the
16 blue and the yellow sort of maybe average that out to
17 get the competitive Dual Play price, combination of
18 standard and combination of prices. The question I am
19 asking there, in relation to the red square and the red
20 cross is what proportion of the difference is accounted
21 for by the BT's SFV service and then adding in -- so you
22 can see that very large proportion -- whether you
23 include BT's standalone broadband price or Virgin's
24 standalone broadband price you get the same combined
25 price doing it on a components basis, and I conclude

1 from that that the majority of the difference,
2 therefore, in this case the vast majority, slightly
3 lower amount of majority, is from the SFV services
4 price. So it seems to me it leads you to the same
5 conclusion.

6 MR RIDYARD: What about the general proposition that,
7 I mean, would you accept there are circumstances where
8 products have very different prices and yet be in the
9 same market?

10 MR PARKER: I mean, it is -- if we go back to the
11 hypothetical monopolist test, it is then can you raise
12 prices 10% above the competitive level? If you have
13 products of very different characteristics, then
14 absolutely you could have very significant price
15 differentials and be in the same level. That is because
16 you have got a quality and features differences that
17 mean that whilst it is 10% in terms of price or more
18 than 10% in terms of price it is not on account of
19 quality adjusted, feature adjusted prices.

20 Thinking about cars, for example, cars have all
21 sorts of prices with all sorts of different combinations
22 of features and quality and so on at different levels,
23 but you could potentially think of them all being
24 essentially in similar markets, depending on what -- one
25 market or in kind of some quite broadly defined markets

1 with price differences well above that, but that is
2 because the features are different.

3 But the point of this analysis is that the features
4 are exactly the same, so you have got a Line Rental
5 component and you have got a broadband component and it
6 is the same broadband component. Particularly when it
7 is for BT, it is exactly the same product and so there
8 is not this kind of material features difference that
9 could otherwise lead you to say: "well, we should
10 broaden out the market".

11 MR RIDYARD: Dr Jenkins, could you comment on that specific
12 point there?

13 DR JENKINS: Yes, on that point I would say that you can get
14 what is called vertical product differentiation which
15 means there are identifiable feature differences such
16 that -- and people talk about a ladder and the fact that
17 the next more featured product becomes cheaper or more
18 expensive means that your demand for the products next
19 to it on the rungs is affected, so you can definitely
20 have different prices of products that are within the
21 same market.

22 That is called vertical product differentiation.
23 But you also have horizontal product differentiation,
24 which is where the features are pretty much the same and
25 there are other aspects of the offer that may differ.

1 Examples of that, something I bought yesterday,
2 paracetamol, right, in a packet. It is actually exactly
3 the same product in that. It has to be because it is
4 regulated but you can buy a 40p packet or probably
5 £2.50, and maybe it is the coating and it is certainly
6 the brand name and those things, the actual product is
7 the same, would we say they are in separate markets?
8 Unlikely. Have not done the analysis.

9 Then think about a cup of coffee that you buy,
10 whether you go to the corner store, Starbucks,
11 Caffe Nero, you can easily end up that an Americano
12 standard size, a very similar product, will have price
13 variation of more than 5%.

14 Again, we would say these products are in the same
15 market. You can have differentiation, because customers
16 like some aspect of that service and are willing to pay
17 a little more for that. That differentiation will be
18 different for each customer, it might be different at
19 any one point in time as well.

20 MR RIDYARD: But are you saying that -- and obviously people
21 can have different views about the reliability of BT
22 versus TalkTalk, which may or may not be well founded,
23 but they could have preferences. Are you saying that
24 that is what is driving some of these differences,
25 possibly, and a belief about the benefits of brands?

1 DR JENKINS: Yes, what I am saying is you cannot infer from
2 price differentials alone anything about market
3 definition, you need to think about what is the
4 responsiveness of customers to price changes in order to
5 capture what is -- whether or not it would be profitable
6 for a hypothetical monopolist to raise prices, and it is
7 not good practice to infer directly from price
8 differentials because there are so many aspects that can
9 influence that.

10 MR RIDYARD: Okay, thanks.

11 Why do not we take the break now.

12 THE CHAIRMAN: Good. Thank you.

13 (11.22 am)

14 (A short break)

15 (11.35 am)

16 THE CHAIRMAN: Before we move on to Dr Jenkins'

17 Critical Loss Analysis, I just have a supplemental to
18 ask Mr Parker.

19 On your version of the SSNIP test, just looking at
20 the percentage increases in the prices, a point that has
21 been made against you by Dr Jenkins is that actually if
22 you look at the increase in prices on a yearly basis in
23 percentage terms, they are not much above 5% -- I mean,
24 I am sure the actual figures are agreed between you --
25 and that simply to say, well, it is a very big

1 percentage if you take five years in a row and add it
2 all up, it is not really the way to do it.

3 What do you want to say about that?

4 MR PARKER: For me, the relevant question is comparing the
5 absolute price level against the competitive price
6 level, and if we have had a whole bunch of price
7 increases before the claim period, for example, then you
8 should look at the absolute price difference, not at any
9 subsequent small price changes. So it is that
10 difference between the absolute level and the
11 competitive price level that matters.

12 So it is not about then saying, well, within the
13 claim period was there a further increase of 5%? I do
14 not think that matters. That would be relevant if you
15 were starting at the competitive level, but if you are
16 not starting at the competitive level, that is not the
17 relevant test.

18 MR RIDYARD: Dr Jenkins, did you want to come back on that
19 particular point?

20 DR JENKINS: I mean, just to say it almost presupposes we
21 know what the competitive level -- which is, you know,
22 the element of debate here. So I think, as we will come
23 on to, the way I thought about the market definition
24 stage is what can you infer from what you observe in the
25 market about what the close substitutes are to our focal

1 product to inform the follow-on stages, which ultimately
2 will then inform us about what the competitive price is
3 for that product.

4 So starting from a position where you need to
5 already say the competitive -- prevailing price is not
6 competitive, in order to have a price difference which
7 is more than 5%, from which you can infer the market is
8 narrow and the price is not competitive. You have to be
9 very careful about what you are assuming and what you
10 are proving at each point in time that you do the
11 analysis.

12 So that is not to say that Mr Parker has not thought
13 about that, but you have to be very clear in your own
14 mind exactly what your premise is for each piece of
15 analysis.

16 MR RIDYARD: Just on a related point. Mr Parker, is
17 there -- we were talking earlier about the sort of
18 possible rebalancing rationale for the Line Rental
19 increases, and I know you do not accept that premise,
20 but if there was a rebalancing rationale for the Line
21 Rental increases, would that undermine your reliance on
22 those price increases and increasing gap between the
23 wholesale and retail prices in this analysis?

24 MR PARKER: I do not think so. So if we go back to
25 Figure 8, which I think we were looking at before,

1 {E/3/81}. I am using here the proxy for the competitive
2 price, which is the Dual Play price charged by other
3 providers in a market which I think we all agree is
4 competitive, I think that is BT's case. I would
5 certainly agree that is probably right. So I think that
6 is a good proxy for the competitive price of Dual Play.

7 As we have also discussed, any kind of rebalancing
8 incentive would be felt by everyone, because this
9 decline in calls is a sort of market-wide trend,
10 I hesitate to use the word secular, but it is
11 a market-wide trend in which -- so that should not
12 affect the analysis of looking at the BT -- so for split
13 service BT provides a Standalone Fixed Voice service in
14 standalone broadband, versus these Dual Play prices,
15 both of which will include -- you know, those prices
16 will take into account any additional effect of calls.

17 MR RIDYARD: Yes, okay.

18 THE CHAIRMAN: Sorry, I now have a supplemental to that
19 which is: I understand your point about if you take any
20 given year and you compare, as in Figure 8, assuming
21 that we can rely on this data, if you can rely on this
22 data, etc. etc., then you see a big percentage
23 difference between the SPC price and the bundle price,
24 if you are right that the bundle is a good proxy for
25 competitive price.

1 But what do you do in the context of the Voice Only
2 Customers? I think your answer was you first of all
3 still use that analysis, because BT was not able to
4 differentiate between the Voice Onlys and the SPCs, so
5 you still use that percentage difference, which you say
6 fails the SSNIP test.

7 But you also said: in any event -- this morning,
8 when we started, you said: but anyway, so far as
9 Voice Only is concerned, the Line Rental increases
10 themselves are above the SSNIP test.

11 Now, were they?

12 MR PARKER: Well, if we can go to the Joint Statement at
13 {E/49/246}.

14 THE CHAIRMAN: Yes.

15 MR PARKER: So we are seeing there the starting price
16 £11/£12, it has gone up to £18.99, I think it is, before
17 the commitments were introduced, so that is 50/60%
18 I think. At the same time, the cost of Wholesale Line
19 Rental, which is the main direct cost, has gone down.
20 I think you have seen in the sort of discussions with BT
21 factual witnesses I think some concerns about: there is
22 no obvious cost justification for the price increases --

23 THE CHAIRMAN: I understand the point about cost
24 justification, and maybe I am just being a bit
25 pernickety by going back to, as it were, the parameters

1 of the SSNIP test. But if you were applying a SSNIP
2 test, I can see that you say, well, it is 60% across the
3 period from 2009-2018.

4 MR PARKER: Yes.

5 THE CHAIRMAN: But if you divide that by the number of
6 years, the percentage each year --

7 MR PARKER: But in each year you should be looking at
8 whether the prices are above the competitive level, not
9 about --

10 THE CHAIRMAN: Yes, but how do we know -- if you want to go
11 back to the starting point, 2009, how do we know that
12 the BT Line Rental in 2009 was above the competitive
13 level?

14 MR PARKER: We do not. We could say it is at the
15 competitive level in 2009, and then what we have seen
16 since is that the costs have come down and the prices
17 have gone up quite materially.

18 THE CHAIRMAN: In other words, just to be clear about it, in
19 other words, for your purposes here, you do need to take
20 into account what is happening with the
21 Wholesale Line Rental costs?

22 MR PARKER: Well, this is an alternative way of sort of
23 triangulating to the answer, so it is I think
24 confirmatory of the Split Purchase Dual Play analysis.
25 It gets you to the same point, which is that the SFV

1 component is considerably above, in this case, the
2 direct cost level, you can see from the start of the
3 claim period. There were a lot of increases before the
4 claim period, and then for various reasons those --
5 there were not that many further increases after the
6 start of the claim period. But the relevant question is
7 not: relative to the start of the claim period, were
8 there additional increases? The relevant question is:
9 from the start of the claim period, were prices more
10 than 5/10% above the competitive level?

11 As I say, this is confirmatory. I would say this is
12 supportive of the previous analysis where we have a good
13 competitive benchmark, but one would have expected
14 a competitive benchmark here, given that the main
15 costs -- direct costs imposed reduced, so have fallen.

16 MR RIDYARD: I suppose the sort of hidden assumption here is
17 that the gross margin -- the margin between
18 Wholesale Line Rental and standalone rental is doing the
19 same job year-on-year. If we are looking at a grocery
20 retailer buying in beans from Heinz and selling it on to
21 you and me as consumers, you would say: this looks a bit
22 odd, because they were happy with whatever it was, 20%
23 margin back in the day, and now it has gone up to a 60%
24 margin, so something -- there is an increase in market
25 power here.

1 But if that is not a good analogy, and if this
2 margin between the Wholesale Line Rental and the
3 consumer price is doing a different job, it is -- that
4 is why I am asking about the rebalancing. If it is now
5 compensating for something else that is going on in the
6 business, then it is maybe too simplistic to compare --
7 to treat this as a simple sort of resale of something
8 that you buy at wholesale level.

9 MR PARKER: I mean, to some extent that is what is going on,
10 is it not, because BT is buying a product from Openreach
11 and then it is selling it on to customers.

12 MR RIDYARD: Yes, but a Line Rental is one element of a more
13 complicated package of things that is being sold to the
14 consumer, is it not?

15 MR PARKER: So that is true. If we go to {E/49/228} -- the
16 same chart will come up multiple times, I think --
17 again, we are seeing this is the ARPM for calls. So
18 rivals are facing the same calls -- the reduction in
19 calls is a trend across the market. There is no reason
20 to think it is different for rivals. So you would
21 expect to see that affecting ...

22 MR RIDYARD: So you are saying: in my knowledge, Sainsbury's
23 has not increased the margin it is earning for selling
24 these baked beans, but Tesco's has, and therefore there
25 is something funny about Tesco's, market power in Tesco's.

1 I understand that point, but that then presupposes
2 that these ARPM numbers are reliable, and obviously --
3 MR PARKER: So the pink line is out of BT.
4 MR RIDYARD: Yes. We had a discussion yesterday about some
5 questions over these numbers, but, yes.
6 MR PARKER: Yes, but the blue line is right -- is other
7 operators' submissions --
8 MR RIDYARD: Yes.
9 MR PARKER: -- Ofcom analysis. We do not have the
10 underlying data for those, so we have to rely on Ofcom
11 having done the analysis correctly.
12 MR RIDYARD: Yes. I am not rejecting your analysis, I am
13 just pushing at it to see where it might raise some
14 questions.
15 MR PARKER: That is fair enough.
16 MR DORAN: Just one little question. You said that the
17 decline in calls is a market-wide trend. Is it
18 something that would affect BT exactly the same way as
19 everybody else? I am just wondering about the legacy
20 base of customers that you have mentioned in your
21 reports.
22 MR PARKER: I am not sure I have looked at that, and
23 possibly -- I am not sure whether there is data on that
24 available and I am not sure whether we know. It could
25 be that BT customers are more likely to use calls. It

1 could be they are less likely to use calls, I must
2 admit. I am not sure.

3 Can you remember at all, Dr Jenkins?

4 DR JENKINS: Not off the top of my head, but there is
5 possibly a chart somewhere that would answer that
6 question.

7 MR DORAN: I am sure it is a small point.

8 DR JENKINS: I just make two small points. The figure that
9 we have in front of us now, I just continue to make the
10 point that that is for all Voice customers. So these --
11 if we take BT data on its face, which says average
12 revenue per minute for Voice calls was increasing, and
13 my concern with this chart is the comparison, because my
14 list price assessment showed that all call prices were
15 going up through this period also for BT's rivals. So
16 it is not that I dispute that average revenue per minute
17 point, it is that comparison, because list prices were
18 going up more generally.

19 This is for all Voice customers, so these are the
20 packages that are supplied also to the customers taking
21 bundles in the market which everyone then chooses what
22 call package they are going to add. So to the extent we
23 think there are good competitive pressures more broadly
24 in the market, they will be constraining the calls
25 element as well that we are looking at here, which

1 I think undermines the premise that you can infer from
2 these price rises that there is something untoward going
3 on just for BT.

4 If we could go back to Figure 8, the Dual Play
5 comparison.

6 MR PARKER: Parker 3, Figure 8.

7 DR JENKINS: Yes, that one. Maybe this is completely
8 obvious {E/3/81}. The difference between the top price
9 and the Dual Play price is an implied discount on both
10 standalone broadband and standalone Line Rental, and
11 kind of obviously, because the gap between them I think
12 is more than the standalone rental price. So you cannot
13 infer that difference as only being related to the Voice
14 element of that. That is probably completely obvious
15 but I just thought I would say that.

16 THE CHAIRMAN: Sorry, just one supplemental to Mr Parker.

17 Correct me if I am wrong, but in fact the Line
18 Rental prices for all the suppliers were going up --

19 MR PARKER: Yes.

20 THE CHAIRMAN: -- over this period by the same sort of
21 margin, not exactly, and not the same each year. So
22 why -- you say you have done your competitive benchmark
23 in the case of Voice Only Customers as a proxy, or
24 a supportive way of looking at it by reference to the
25 costs, but why not look to what those competitors'

1 pricing is?

2 MR PARKER: I have looked at that. I think there is an
3 element of price leadership going on --

4 THE CHAIRMAN: Yes.

5 MR PARKER: -- prices pre-commitments, which means that BT
6 was largely the first to set its Line Rental prices and
7 other people used that as headroom to float up. I think
8 in the pre-ASA world that was attractive to them,
9 because by being roughly where BT was on Line Rental,
10 they could look very aggressive by only advertising the
11 incremental broadband price, so I can see how that
12 situation might have arisen. I think that is a sort of
13 price leadership thing. That is the conclusion Ofcom
14 came to as well.

15 THE CHAIRMAN: That has to be your answer to it because, if
16 it is not, then on the face of it prima facie they
17 should be regarded as competitive benchmarks, unless you
18 say there is something -- you have got to say there is
19 something wrong with their pricing as well.

20 MR PARKER: Yes, exactly.

21 THE CHAIRMAN: Yes, thank you.

22 MR RIDYARD: Let us move on then, Dr Jenkins, to your
23 Critical Loss Analysis. Perhaps we could just start
24 by -- if you can just remind us what is the rationale
25 for what you have done, and briefly what have you done?

1 DR JENKINS: In my Critical Loss Analysis I have sought to
2 take the evidence base that we have to implement what is
3 a standard quantitative application of the hypothetical
4 monopolist test, and the difference between a formal
5 hypothetical monopolist test and
6 a Critical Loss Analysis is a Critical Loss Analysis is
7 just asking whether a monopolist of the focal product
8 could raise prices profitably from prevailing levels, as
9 a starting point; not necessarily would they, which in
10 a sense requires one to work out what the profit
11 maximising price would be.

12 So it is a breakeven test. It is saying: let us
13 have a look, on the basis of the market evidence we
14 have, starting from prevailing prices, increase them by
15 5%, and assume you have monopolised the focal product,
16 look at what the evidence tells you about where
17 customers would switch to in response to that price
18 rise, and then assess whether that would be profitable
19 for the hypothetical monopolist. That trade-off is the
20 monopolist will gain 5% extra margin on the customers it
21 retains and that it will lose the entire margin on the
22 customers that it loses. So there is a balance for them
23 about whether or not it is profitable to raise prices at
24 this point in time.

25 So that is the logic of a critical loss. It is

1 implemented in order to say what are the products that
2 are sufficiently close substitutes to your product of
3 interest that they would form that constraint on
4 a monopolist of that product.

5 THE CHAIRMAN: So building on that, then, and looking at the
6 building blocks for what you have done, you have then
7 got two measures, you have got critical loss and you
8 have got actual loss, and if the actual loss comes out
9 at more than the critical loss then it is not
10 profitable, obviously.

11 Now, just to be clear on the datasets that you have
12 used. When it comes to critical loss, which is
13 effectively, as I understand it, what number of
14 customers do I need to lose before it becomes
15 unprofitable, it is done in terms of numbers of
16 customers?

17 DR JENKINS: That is right, and it is related to the idea
18 that I am going to lose all the margin of those who go,
19 but I am going to gain 5% on the ones I retain, so how
20 many do I need to lose to just break even and say that
21 is no longer profitable for me?

22 THE CHAIRMAN: The data you have used on that is BT's gross
23 margin data.

24 DR JENKINS: That is right. I have started from saying,
25 okay, what is BT's gross margin at prevailing prices,

1 and I have said that is how much the hypothetical
2 monopolist would lose if it loses someone, and then 5%
3 additional price, how much is that worth from that
4 prevailing price?

5 THE CHAIRMAN: Once you have got the prevailing price, which
6 is BT's prevailing price, and once you have got what its
7 own gross margins are, it is just an equation,
8 effectively, which tells you when you hit the tipping
9 point of you cannot lose any more customers.

10 DR JENKINS: Yes, that is correct.

11 THE CHAIRMAN: So that is using BT data, and that will give
12 you the figure of how many customers you can afford to
13 lose before it becomes unprofitable.

14 Then when it comes to the actual losses, you are
15 then going to the actual switching from BT?

16 DR JENKINS: That is right.

17 THE CHAIRMAN: Right. I do not want to go back on what we
18 talked about this morning, but at that point you are
19 again using BT's actual losses.

20 DR JENKINS: I start -- the dataset that I look at is indeed
21 the exits from BT. BT's -- the exits from the focal
22 products, so exits from BT's SFV product, and I look at
23 where people went in a 12-month period after price
24 rises. So what I am trying to do is calibrate for a 1%
25 change in price how many customers leave from the focal

1 product, SFV, and I do that by looking at what happened
2 to BT's customer base when BT changed the SFV price.

3 THE CHAIRMAN: In relation to that, this is where you have
4 then depressed the number of customers somewhat to take
5 into account various sensitivities.

6 DR JENKINS: Exactly. So as we had the discussion
7 yesterday, as best as possible I want to take price and
8 competitive factor-related churn away from SFV, but I am
9 also thinking about this as a hypothetical monopolist.
10 So I do not include anyone who switched to an
11 alternative supplier's SFV product, because in the
12 thought experiment it is hypothetically monopolised. So
13 you say even though the evidence says BT lost around 20%
14 of its customers to alternative SFV, I do not count
15 those in my Critical Loss Analysis, because
16 a hypothetical monopolist would keep them in the thought
17 experiment.

18 I also strip out what I agree is a sort of secular
19 demographic trend, which is the people who are dying,
20 moving -- certain of the moving categories, moving
21 overseas or moving to care homes, all those sort of
22 things. But what I do include are the moves to other
23 suppliers' bundle products as best I can estimate it
24 from the information that I have, or other suppliers'
25 unspecified other products where I have made an

1 adjustment to try to strip out those that might include
2 SFV.

3 Then I have included where people have switched from
4 BT's SFV to BT's bundle because, from the hypothetical
5 monopolist's perspective, that is someone who has moved
6 to a substitute product away from SFV to Voice sold in
7 a bundle.

8 THE CHAIRMAN: Thank you; and I know we will come on to it
9 later on, you have got a sensitivity for cellophane
10 fallacy as well.

11 What you do not factor in is what BT was actually
12 doing with the prices at the time. You do not -- and
13 I do not want to go back over yesterday, but that just
14 brings back in: yes, but why were they increasing
15 the prices, and all that sort of stuff.

16 DR JENKINS: Yes, because at this market definition stage,
17 while I am basing it on the observed behaviour of BT's
18 customers, I am inferring something about price
19 responsiveness of customers, which is actually you do
20 not need to know why someone was doing that, you are
21 just trying to calibrate how responsive a customer would
22 be to a shift in the relative prices of SFV services and
23 bundles, regardless of who is supplying it, in the sense
24 that that is the hypothetical monopolist test, is
25 abstract from the actual pricing incentives of the

1 individuals in the market, and think about it from
2 a product level, so monopolising the product, and asking
3 what other products are constraining that product?

4 I still think a useful piece of evidence for
5 consideration in this case, is what is the relationship
6 between the products of SFV and bundles.

7 THE CHAIRMAN: The upshot of your analysis is in fact that
8 I think, although there are variations on it, the actual
9 losses are considerably above critical loss.

10 DR JENKINS: That is correct.

11 THE CHAIRMAN: Right.

12 MR RIDYARD: Mr Parker, do you want to comment on the --

13 MR PARKER: Yes, a number of points I think. So the first
14 one is Critical Loss Analysis should be a comparison of
15 the losses made -- the actual losses made by the
16 hypothetical monopolist and the actual losses made --
17 the critical loss made by the hypothetical monopolist.

18 Dr Jenkins used BT data essentially for both of
19 those, one just directly unadjusted, that is for the
20 critical loss, and one with various adjustments for the
21 actual loss.

22 But the whole of Dr Jenkins' main critique of my
23 approach is you need to take into account this recapture
24 incentive. It was different for BT to the hypothetical
25 monopolist, there is a difference between the single

1 product monopolist and BT. But if so, you cannot use BT
2 data in a Critical Loss Analysis which ought to be
3 looking at the hypothetical monopolist. You need to
4 find some way of stripping out the recapture incentive
5 that is there in the BT data, and Dr Jenkins does not --
6 cannot do that at all -- does not do that, cannot change
7 the critical loss, she is just using the critical loss
8 for BT, and does not make any attempt to adjust that for
9 what the critical loss would be for the hypothetical
10 single product monopolist who does not benefit from the
11 recapture incentive.

12 MR RIDYARD: I am not sure I follow that, because Dr Jenkins
13 does focus on the hypothetical monopolist in the sense
14 that losses, so-called losses from BT SFV to BT bundles
15 are counted as losses in her view, even though in BT's
16 reality they are not losses.

17 MR PARKER: That is from an actual perspective. But from
18 a critical loss perspective, which is just looking at
19 BT's --

20 MR RIDYARD: I see, yes.

21 MR PARKER: So that is completely unadjusted if we are just
22 looking at BT here.

23 So then the question is you should not be doing it
24 at prevailing price levels, you should be doing it at
25 competitive price levels. That is very difficult to do.

1 I do not think that Dr Jenkins -- this is the cellophane
2 fallacy type point. To adjust for the cellophane
3 fallacy, you would first need to control for this
4 recapture incentive, so looking only at the hypothetical
5 monopolist. Then you would need to work out what the
6 competitive price level was. Then you would need to
7 work out -- and this is the critically important bit,
8 because you can obviously adjust the price level -- you
9 would need to work out what level of switching would
10 have been observed at the critical price level, and that
11 is not measurable, nor is I think this controlling for
12 the recapture incentive measurable.

13 So for those reasons, I do not think this tells you
14 really anything about market definition, to be honest.

15 Then another way of thinking about this is if BT's
16 critical loss was really -- BT's critical loss is 7% to
17 8%, but when it puts up its prices it is seeing this
18 very high demand elasticity response, even taking out
19 some of the losses that it is making, why is BT's actual
20 loss above its critical loss? Surely BT's own pricing
21 behaviour is not making sense here, because this is
22 essentially BT data and BT data, so I think that is also
23 problematic. But I would say for the CLA, it is sort of
24 the first two points for me are critical.

25 THE CHAIRMAN: Could I just come back on that. Are you

1 saying in this context that it is actually impossible to
2 do a Critical Loss Analysis as a matter of principle, or
3 are you just saying effectively that Dr Jenkins is using
4 the wrong inputs?

5 MR PARKER: I am saying she is using the wrong inputs,
6 because she should look at the hypothetical monopolist
7 inputs, not the BT inputs. I do not -- Dr Jenkins has
8 only made an attempt to adjust her -- the actual data,
9 BT data, to try and approximate the hypothetical
10 monopolist for the actual loss. She has made no attempt
11 to adjust it for the critical loss. It is not obvious
12 to me how you could adjust for this recapture incentive,
13 but whatever -- whether it is possible or not, it has
14 not been done.

15 THE CHAIRMAN: How would you do it then? If she has the
16 wrong inputs and if -- are you saying it is an
17 impossible test to actually do? Or, if not, you did not
18 try this test yourself, you have gone for the prices --
19 and we have been through all of that, we will not go
20 through that again -- how would you do it?

21 MR PARKER: Yes, so I would not do it this way. I did not
22 do it this way, I would not do it this way. I think
23 also if you think about the sort of hypothetical
24 multi-product monopolist approach, you should not be
25 trying to make this distinction between the single

1 product monopolist and the incentives for BT as
2 a multi-product firm, you should be looking more
3 widely --

4 THE CHAIRMAN: No, I understand that. Put that to one side
5 for a moment. Are you just saying it is not actually
6 possible to do a Critical Loss Analysis here?

7 To put it another way, you are saying you should not
8 look at what BT was doing, it is a hypothetical
9 monopolist. What figures do you put in for your
10 critical loss and your actual losses?

11 MR PARKER: I do not think you can do it in this
12 circumstance.

13 THE CHAIRMAN: That is what I wanted to try and get at.
14 Thank you.

15 MR RIDYARD: That is because of the cellophane problem
16 primarily, is it?

17 MR PARKER: It is first the recapture problem, so you need
18 to try and get the data for a single product monopolist,
19 which is what Dr Jenkins is trying to measure. So first
20 you need to do the recapture incentive, and then you
21 need to do the cellophane fallacy, and I think both of
22 those are -- they are certainly problems which have not
23 been solved, and they may be problems that in this
24 context that are not solvable.

25 THE CHAIRMAN: What is wrong with putting a sensitivity in,

1 as Dr Jenkins has done, to cater for these?

2 I appreciate these things will always be a bit rough
3 around the edges when you have to discount something by
4 a percentage, but what is wrong in principle with doing
5 that?

6 MR PARKER: This is from the cellophane fallacy perspective.

7 THE CHAIRMAN: Yes, yes, but it could apply to the recapture
8 element as well.

9 MR PARKER: Well ...

10 THE CHAIRMAN: Because the ultimate product of this
11 calculation is going to be the number of customers
12 beyond which they cannot go in terms of losses.

13 MR PARKER: So I think the problem -- let us start with the
14 cellophane fallacy. The problem with the cellophane
15 fallacy I think is you can reduce price and get to
16 a lower price with a lower margin. What I think is very
17 difficult is working out what the switching would have
18 looked like had that control happened, and I think there
19 is a question of how much do you change the price, what
20 is your competitive benchmark. But if we knew that, we
21 could just do the price analysis directly. I say we do
22 know that, because we can look at the Split Purchase
23 prices versus Dual Play, and we have got a competitive
24 benchmark, and we can look at whether BT itself has
25 managed to maintain prices more than 10% above a

1 competitive level.

2 Ultimately what we are trying to look at with the
3 CLA is could the hypothetical monopolist raise prices
4 10% above the competitive level or would it lose too
5 many customers to do so? But my view is that you can
6 look at the pricing data directly to tell you, well, BT
7 can do that, and that seems to be -- I would say that is
8 sufficient to demonstrate that a hypothetical monopolist
9 could also do so.

10 So I do not think -- I do not see how you can
11 control in this context for the cellophane fallacy.
12 I think any adjustments that you make to the path of
13 switching -- so Dr Jenkins says, well, I will use the
14 lowest elasticity that I observe in reality. But
15 that -- there is no way to tell whether that actually
16 relates to the real -- to the level of switching that
17 the hypothetical monopolist will face acting --

18 MR RIDYARD: Let us put that to Dr Jenkins.

19 How do we know whether you are being conservative
20 enough in your sensitivity analysis?

21 DR JENKINS: I think, as the discussion says, I am not
22 saying it is perfect, that is for sure, but what I am
23 saying is I think it is useful evidence to consider in
24 terms of the question of what products are substitutes
25 for SFV, and in that I have done a number of things in

1 a conservative manner so as to be able to address these
2 concerns, and I find that even having cut out quite
3 a lot of the switching for various reasons, if you take
4 a number of the sensitivities I have done, all will
5 capture to some extent that reduction in -- potential
6 reduction in switching. So you can see the shift from
7 20% being cut out to 40% being cut out as another
8 sensitivity in terms of my actual losses overstated and
9 taking the minimum point that I observe.

10 I do not have a good counterfactual switching data,
11 I do not have that and I am clear about that. But
12 I have done what I can to do that, and even then you do
13 have some headroom even there. So one could go even
14 further down and still find that the bundles product is
15 a substitute to SFV such that it would not make sense
16 for a hypothetical monopolist to raise the price of it.

17 I think, just going back to what is the difference
18 between Mr Parker and myself with respect to this, and
19 the reliance on BT, I would say that Mr Parker is taking
20 a straightforward inference from the behaviour, the
21 strategic behaviour of BT in terms of its price setting
22 and saying you can infer from that what the hypothetical
23 monopolist would do, and I say I do not agree with that.

24 What I have done is use the actual data we observe
25 in the market about switching behaviour, which comes

1 from BT's customers, and is therefore influenced by BT's
2 strategic pricing, but I have then adjusted it as best
3 I can to make it as applicable to the hypothetical
4 monopolist question I am looking at.

5 So I do think there is a difference between how the
6 two of us are thinking about the use of the hypothetical
7 monopolist -- the use of BT data, sorry, in order to
8 implement a hypothetical monopolist test.

9 MR RIDYARD: But the question of the amount of switching you
10 observe is still subject to the discussion we had
11 yesterday about whether what you are picking up is
12 switching that is caused by the pricing or switching
13 that would have happened irrespective, because of things
14 that were happening in the market anyway?

15 DR JENKINS: Yes, I mean, it is sort of paradoxical, is it
16 not, to say there was so much switching happening
17 generally to bundles that we cannot include it as
18 price-related switching to bundles in our hypothetical
19 monopolist test to tell us whether bundles are
20 a substitute for Standalone Fixed Voice, so --

21 MR RIDYARD: Is that paradoxical? I think -- again, I am
22 just thinking aloud here, it is always dangerous. But
23 would you not want to find some kind of -- some sort of
24 test, really, for how to distinguish these things, and
25 one place you would look for that would be a sort of

1 natural experiment, such as the 2018 commitments, and
2 when Mr Parker looks at that he says maybe the 2018
3 commitments affected switching to some degree but not by
4 enough. It affected the path of switching a little bit,
5 but the fact that it was just a little bit and not
6 a dramatic reversal of switching I think he would argue
7 shows that the switching was not primarily caused --
8 obviously price is always important, but it was not
9 primarily caused by small relative changes in pricing,
10 it was caused by something else.

11 How would you respond to that?

12 DR JENKINS: That event study that I conducted, what I show
13 is that for Voice Only Customers the path of
14 switching -- the rate of switching reduced after the
15 commitments. Now, that was going directly to the point
16 that the price of SFV affects how Voice Only customers
17 respond to whether or not they move to bundles. Because
18 the position that Mr Parker had put was Voice Only
19 Customers, you can just reject bundles as a substitute
20 for those customers because they do not want bundles.
21 Whereas -- so what that is showing is there is -- when
22 you widen the difference between the Standalone Fixed
23 Voice and the bundle price, Voice Only Customers do
24 react to that and fewer of them switch.

25 So there is a link between pricing and switching for

1 Voice Only Customers. That is the conclusion I drew
2 from that evidence.

3 If you then want to try to infer something more
4 generally about elasticities of the Standalone Fixed
5 Voice customers, you have to be very careful about
6 extrapolating what happened there to the other periods,
7 and there are two reasons for that. The first being, as
8 we already discussed, it is a price fall, not a price
9 rise. So some of that, what you might expect, would not
10 happen where it would require people to cease taking the
11 broadband product to take up the Voice Only product.

12 But also you are now looking at a different set of
13 customers. So prior to 2018 and the commitments, you
14 have SFV customers overall, and that is what my analysis
15 is based on, Voice Only and SPCs, and the evidence I am
16 looking at is the mix of those two. I think it is
17 a matter of agreement that from a levels perspective it
18 is likely that Voice Only Customers switch less than
19 SPCs, but the evidence I have shown is the mix of those
20 two, which is what would be relevant for our
21 hypothetical monopolist test which is about Standalone
22 Fixed Voice together.

23 So I do not think you can extrapolate from what
24 seemed to be the elasticity of these Voice Only
25 Customers that are left post-commitments and say, oh,

1 because that looks low it is completely wrong; the
2 higher elasticities we observed for the whole group.
3 Especially as you see that for the SPC group that is
4 left, their switching increases post-commitments.

5 So you definitely see there is a difference between
6 these two groups which you are then having a mix of in
7 the pre-2018 period.

8 MR RIDYARD: Mr Parker, quite a few points for you to chew
9 on there.

10 MR PARKER: So there is a point about asymmetry. I am not
11 sure why we would think there would be an asymmetry
12 between the elasticity in price changes --

13 MR RIDYARD: We discussed that yesterday, earlier.

14 MR PARKER: I think if the point is that SPCs must be
15 really, really switchy if VOCs are not switchy at all,
16 the question for me is why was BT able, if we see the
17 Split Purchase Dual Play analysis, able to maintain
18 prices -- chose to maintain prices so much higher than
19 the Dual Play price?

20 It seems to me the price -- it would not make sense
21 for BT to do that, given that the apparent critical loss
22 that it faces, and the apparent actual loss that
23 Dr Jenkins estimates for BT as a resulting from those
24 price increases, why was it able to do that? If it was
25 really losing all these customers by maintaining prices

1 at that level, why would it not start cutting those
2 prices back to competitive levels in order to reduce the
3 level of switching away?

4 I think, for me, that is the sort of fundamental
5 tension in a lot of this, but from the market definition
6 perspective I think none of this solves the problem that
7 the data is based on BT -- BT and BT, basically. It is
8 BT modified and BT unmodified, and neither of those is
9 the single product hypothetical monopolist.

10 MR RIDYARD: Okay. To the specific point about the issue
11 showing the impacts of the commitments on behaviour, the
12 natural experiment, do you accept the proposition at
13 least that -- I mean, you say there you do not think
14 there was enough of a change in 2018 to justify
15 Dr Jenkins' conclusions, but do you accept the
16 proposition that that does show that VOC customers do
17 place some value on broadband even if they have not yet
18 decided to buy it?

19 MR PARKER: Yes -- well, strictly speaking, it shows that
20 they are less likely to switch away to something by
21 a small amount. So I am not saying the elasticity of
22 VOC customers is zero. I measure minus 0.7, which would
23 suggest that the price increases would not be profitable
24 for BT, even from prevailing price levels.

25 MR RIDYARD: Yes.

1 THE CHAIRMAN: Can I just go back to Dr Jenkins.

2 I am just curious about the general use of
3 Critical Loss Analysis. I mean, this is perhaps unusual
4 in a sense; you have got a lot of data about actual
5 switching, you have got data about prices, which you
6 say, well, that is just BT's behaviour and it should not
7 be taken into account for the purpose of this test.

8 But if there was ever such a thing as a typical CLA
9 in the context of SSNIP, as a tool for SSNIP on market
10 definition, what do you normally do? You take your
11 critical loss presumably from -- although it is
12 a hypothetical, you take the critical loss from the firm
13 in question?

14 DR JENKINS: Yes.

15 THE CHAIRMAN: That, as you say, if you have enough
16 financial data you can do an equation and you can work
17 it out. But how do you predict the actual loss if they
18 were to increase prices -- if you do not have some sort
19 of loss figures to work from, what do you do?

20 DR JENKINS: So, as you say, it is very standard to use the
21 prevailing evidence of the companies in the market to
22 give you your critical loss estimate. For actual loss,
23 I mean, you can see it in the market definition
24 guidelines, whether it is European Commission or the
25 OFT, they say where do we get our evidence from on this?

1 One place you get it from is precisely the place I did
2 get it from, which is exit information from the
3 participants in the market.

4 Now, in this case we have just got the BT
5 information. In other cases you may also have that
6 information from other market providers. So looking at
7 where do customers divert to when they go, and a lot of
8 businesses, as BT did, want to know where are my
9 customers going, because it is good information for your
10 competitor analysis, and so many businesses have that
11 type of monitoring.

12 You can ask customers directly, and in many cases
13 you will have a survey that you say to people, well,
14 what would you do if prices went up? What would you do?

15 The other thing would be where you have captured
16 that information. So, for example, in a case that might
17 involve supermarkets, they actually have quite a lot of
18 information on pricing and volumes of purchasers, you
19 might get multiple datasets and then do something quite
20 elaborate to try to model the responsiveness to price
21 changes across the market.

22 THE CHAIRMAN: Right. But in fact here you have taken your
23 data just from BT's switching?

24 DR JENKINS: Yes.

25 THE CHAIRMAN: You could have looked at what was happening

1 with their competitors in terms of switching.

2 DR JENKINS: Had that information -- you need to get that
3 information disclosed. So often in merger cases the
4 competition authority can force people to disclose that
5 information. It is not something that is generally in
6 the public domain --

7 THE CHAIRMAN: I see.

8 DR JENKINS: -- that exit analysis.

9 In this case, I think one might have considered
10 a survey to inform this question, but obviously we
11 cannot go back in time to ask the people who were these
12 customers in 2016: how are you going to respond? In
13 other situations, where it is something that is
14 happening at the time, survey evidence is more generally
15 used.

16 THE CHAIRMAN: Thank you.

17 MR RIDYARD: I think that probably covers the critical loss
18 questions.

19 DR JENKINS: We did not talk really about the adjustments to
20 the critical loss, but maybe we are going to come on to
21 that in the next topic.

22 MR RIDYARD: Sorry, in which context?

23 DR JENKINS: The fact that I have used BT's margin, and then
24 the sensitivities I did around that, but perhaps we are
25 going to come to that in due course.

1 MR RIDYARD: Let us do it now. So this is to deal with the
2 cellophane fallacy.

3 DR JENKINS: Cellophane fallacy and the recapture rate. So
4 my base case that is in my first report, and indeed in
5 my second report, uses the prevailing price while I am
6 aware there is a recapture incentive going on. I think
7 part of the reason for that was to say, okay, this is
8 the competitive dynamic in this market. This prevailing
9 price does capture the fact that everyone in the market
10 is supplying both those products, so actually the
11 prevailing price is this one, and then let us look at
12 a hypothetical monopolist who does not supply bundles.

13 It was then in the JES process when, discussing that
14 with Mr Parker and going, okay, actually I see that
15 criticism, that if you do the second part saying the
16 hypothetical monopolist does not have the bundles, then
17 one ought to consider that in the first part, which is
18 to say, the competitive price determined by a set of
19 market participants who supplied both Voice standalone
20 and Voice in a bundle may not be the right starting
21 point for the hypothetical monopolist test.

22 But where I disagree with Mr Parker about saying how
23 difficult it is to make that adjustment is there is also
24 a criticism that says BT has priced this product too
25 high just generally because of market power. Both those

1 effects lead to higher margin than would otherwise
2 occur. So you can address both of them by starting from
3 a lower price point, and as long as that price point is
4 sufficiently low that you think it is what a competitive
5 party would do that only supplies Standalone Fixed
6 Voice, then I think it does -- it is a sensitivity that
7 is relevant for both the consideration of the cellophane
8 fallacy and the recapture incentive.

9 THE CHAIRMAN: That is what you did?

10 DR JENKINS: That is what I did.

11 MR RIDYARD: How do you know that, that it is low enough?

12 DR JENKINS: In HJ2 I used the commitments price, so that
13 has been put in place precisely almost in a mindset
14 which is saying: imagine this is a separate market and
15 these are the people we care about and let us find the
16 right price for them. So I think that is not
17 unreasonable to say that is one that covers both of
18 those scenarios.

19 In HJ1 I used the Home Phone Saver home benchmark,
20 which at the time I understood the CR thought that was
21 a reasonable benchmark, and again that is a product that
22 is designed for customers which are not thinking about
23 bundles in the marketplace.

24 Now, obviously BT still has a recapture incentive.
25 So those are the choices that I made for my sensitivity.

1 MR RIDYARD: So what specifically is wrong with those,
2 Mr Parker?

3 MR PARKER: I do not think either of them deals with
4 recapture incentive, because obviously if you change the
5 equipment price for BT, then BT still has all these
6 other products, so that is not being adjusted for.
7 Similarly, if you think about Home Phone Saver.

8 So I think these are partial, somewhat arbitrary
9 adjustments for the cellophane fallacy, because I think
10 you need to look at not just Line Rental, you need to
11 look at calls as well to deal with the cellophane
12 fallacy, and you need to look at the proper competitive
13 benchmark for that, which may or may not be the
14 commitments price as we have demonstrated in the limb 1
15 analysis. So, say, it is an unbound but actually, I
16 think it is not above the competitive level.

17 But in both cases neither of those adjustments, the
18 responses you see and the margin change that results,
19 still incorporate BT's recapture incentive to bundles,
20 because that is -- Dr Jenkins has started from BT's
21 margins and said: let us reduce some revenues that you
22 get from -- some margins that you get from Line Rental,
23 for example. But that still -- that lower level still
24 includes all of whatever the recapture incentive was.

25 So I do not think those sensitivities tell you

1 anything about getting -- or stripping out the recapture
2 incentive. They might tell you something about
3 partially stripping out a cellophane fallacy problem,
4 but you would then have other issues that you cannot
5 deal with about what would the switching have been at
6 such -- at lower price levels.

7 MR RIDYARD: Let me make sure I understand that. With the
8 commitments pricing, you accepted that taking the
9 commitments pricing level takes out -- is a reasonable
10 approximation to taking out the monopoly pricing on the
11 Line Rental?

12 MR PARKER: I think it is an upper bound. I think actually
13 if you look at the data fully, you find --

14 MR RIDYARD: It would go even lower.

15 MR PARKER: It would be a little bit lower even than that,
16 but then there is also an issue of the calls as well.

17 MR RIDYARD: Yes, but let us put calls to one side. On
18 recapture then you are saying you should go even further
19 down to neutralise the recapture point.

20 MR PARKER: You have to neutralise the recapture if you
21 really believe the way we should look at that is the
22 single hypothetical monopolist. Then you have to say:
23 I have to strip out from the data any part of this that
24 is -- could be related to a switch, an internalisation
25 of the switch between SFV services and bundles. That

1 is -- that is the sort of fundamental point I think that
2 Dr Jenkins makes in her criticism of my approach.

3 MR RIDYARD: On your view on recapture, though, you are not
4 terribly impressed with the recapture incentive in the
5 first place, because you do not think the bundles
6 generate much or any profit to BT?

7 MR PARKER: That is right.

8 MR RIDYARD: So is that really a problem, in reality?

9 MR PARKER: Then I think that the issue is, well, why, if BT
10 is losing more customers than its own critical loss, why
11 would it be putting prices up to such a high level?
12 I think this is what Katz and Shapiro have called in
13 another context the sort of critical loss fallacy. You
14 would need to kind of -- you would then need to track
15 back to really what is the competitive level in kind of
16 hypothetical monopolist prices, more than 10% above
17 that.

18 For me, the most direct way of getting to that
19 question is looking at BT's pricing. I think the CLA is
20 an indirect way which says, well, what would this tell
21 you about the pricing constraint that would be faced?

22 THE CHAIRMAN: Just a second.

23 Can I just bounce a couple of those points back to
24 Dr Jenkins, just on what Mr Parker has said, and
25 obviously you will have dealt with in this detail in

1 your report. But he says that when it comes to
2 adjusting the starting point on the price, he says,
3 well, you might have dealt with cellophane fallacy, or
4 there was an argument about how much you would need to
5 deal with it, but for sure you have not dealt with the
6 recapture incentive on how you set your starting price,
7 and you have not dealt with any question about
8 cellophane fallacy in relation to core prices.

9 DR JENKINS: The commitments price was set. It is correct
10 that Ofcom did not feel the need to reduce call prices
11 and those call prices as set were also the same prices
12 that were being paid by all Voice customers including in
13 bundles. But I think the analysis was pretty much
14 conducted on ARPU so in a sense it is like, okay,
15 what -- it is almost like the waterbed effect. What do
16 we do to Line Rental price given this is the revenue we
17 are going to be getting from calls. So I do not think
18 it has not been incorporated. It is just you moving one
19 price to affect what Ofcom wanted to achieve in that
20 process. So I do not think it is right to say calls are
21 not considered in that.

22 I think the commitments price is definitely a low
23 price. I was just looking for it. I would probably
24 need to do it in the break to find -- the commitments
25 price had within it a sort of inflation cap with it and

1 so in order to use that I had to extrapolate backwards
2 taking out inflation and by the time you have done that
3 you end up at a rate that is below I think even the 2009
4 price. So I think this idea that it is still too high
5 there is not a lot of evidence of that.

6 I think I just disagree that it does not account for
7 the recapture incentive in there as well because how
8 does the recapture incentive manifest? It manifests
9 itself as an additional margin that is on that price.
10 So if you have got a regulator coming in and agreeing
11 with you a price for a product thinking about in a sense
12 just that product on its own, it is not clear to me
13 that -- BT does not have the freedom there to say, oh
14 well, I would prefer to price it a bit higher because
15 I have got this recapture going on.

16 So I think that by reducing the price point that
17 I am using -- what I actually do is I just reduce the
18 margin in the Critical Loss Analysis for whatever reason
19 that is done. That means it increases the critical loss
20 that is required in order to still find that it would
21 not be profitable.

22 So I think it does actually correct for both those
23 factors if you think the price is suitably low.

24 THE CHAIRMAN: You just said at the end there, it increases
25 the critical.

1 DR JENKINS: So what happens if you reduce the margin, then
2 that means you lose less when people go and the 5% that
3 you gain is worth sort of relatively more, so the lower
4 the margin the higher the critical loss is. The more
5 customers you need to lose before it is unprofitable and
6 therefore that is why for any given actual loss reducing
7 a margin will make it more likely you find a narrow
8 market. It is quite confusing. I absolutely grant you
9 and often I have to think about it very carefully to get
10 all of those points.

11 THE CHAIRMAN: This was where there was a debate around
12 paragraph 87 I think of the Class Representative's
13 skeleton arguments where there was a change made where
14 they said it was greater or less. I do not want to go
15 into it now because we would prefer to deal with it
16 directly with you. But what that meant. So it is
17 a higher critical loss.

18 DR JENKINS: Yes, lowering the margin leads to a higher
19 critical loss and given your test is that your actual
20 loss needs to be higher than your critical loss in order
21 to find wider markets, then the higher --

22 THE CHAIRMAN: Yes, it would lead to a narrower market which
23 is what intuitively you would expect by catering for
24 these markets.

25 DR JENKINS: Yes, exactly.

1 THE CHAIRMAN: Because if it was a lower critical loss then
2 it is easier for your actual losses to be above it.

3 DR JENKINS: Yes.

4 THE CHAIRMAN: Right.

5 DR JENKINS: Then to one of the last points Mr Parker made
6 which is to say he then says, yes, but if you do that
7 then why do we see BT doing something different? In my
8 mind yes, that is the recapture incentive. If you have
9 stripped out the recapture incentive in the analysis you
10 have done that can explain why from a hypothetical
11 monopolist perspective it is not profitable to do this.
12 But that BT finds itself doing that and --

13 THE CHAIRMAN: That is going back to why are the prices --

14 DR JENKINS: Why are the prices the way they are. It is not
15 just about this static thing as if BT is sitting there
16 saying, oh, I will move someone from here to here. They
17 are needing to cover costs and do all the other things
18 that one does in a commercial business. So when they
19 are setting their prices they are doing that in their
20 holistic way. It is not purely in this hypothetical
21 test that we have set up.

22 MR RIDYARD: Thank you. That is very useful.

23 So let us just, we have touched on the cellophane
24 fallacy several times because obviously it is quite hard
25 to avoid the topic when you are dealing with market

1 definition and excess pricing in the same case.

2 I mean, I suppose, maybe almost a heretical
3 question, but is there any point in the SSNIP point and
4 market definition in the context of a case where we are
5 dealing with excess pricing? Mr Parker, shall we just
6 abandon this or ...

7 MR PARKER: I am nervous of what the lawyers will say if I
8 say yes.

9 MR RIDYARD: Do not worry about them.

10 MR PARKER: It is a legal requirement, right, so we have to
11 do something, but I think there is a fundamental issue
12 of if you cannot control for the cellophane fallacy.
13 I think my analysis, my approach does not suffer from
14 the cellophane fallacy in the sense that a cellophane
15 fallacy leads you to excessively wide markets.

16 MR RIDYARD: So it is Dr Jenkins' problem not yours.

17 MR PARKER: That is essentially where I have got to is, yes,
18 it is possible that there could be a market for BT SFV's
19 services by itself but I do not think that makes any
20 difference to anything. But ultimately because it is
21 a legal gating item you could go on, I think we will go
22 on and examine all the limb 1 analysis, and ultimately
23 that will tell you, also tells you something about
24 market definition. I think the two things are
25 inextricably linked but to the extent that I think my

1 analysis would tend to find overly wide markets I think
2 it supports the view that there is a market for SFV
3 services and then we can proceed from there and we can
4 go and look at the rest of the analysis.

5 MR RIDYARD: Dr Jenkins, do you want to venture on this one?

6 DR JENKINS: Yes, I think the hypothetical monopolist test,
7 as we said, it is a framework of thought that needs to
8 be applied in the context of the competitive question
9 that we have and I think it is a counsel of despair to
10 say: "oh, that is it, throw it out, do not do it". We
11 understand what the challenge is with the cellophane
12 fallacy quite well and then one can make adjustments for
13 that.

14 As Mr Parker says, it is relevant to assist the
15 Tribunal to answer the question what products are good
16 substitutes for the product of interest, and this is the
17 accepted framework to help understand that. So I have
18 done a carefully thoughtfully in my view -- I mean
19 I have done it thoughtfully, whether I have sufficiently
20 addressed all of those elements such that one can say
21 for absolutely sure they are all nailed down, probably
22 there still remains some area of debate, as we have seen
23 from this morning.

24 But I still think that it is valuable for actually
25 thinking through this question of how important are the

1 products when thinking about the choices that customers
2 of Standalone Fixed Voice services are choosing.

3 MR RIDYARD: I think it has been very evident that the
4 process of thinking through the SSNIP test questions is
5 revealing thoughts about how competition works, so in
6 that sense I am very convinced that we have not been
7 wasting our time.

8 But I mean, sorry, there is a serious point about
9 the kind of classic approach to market definition. It
10 is a staging post, it is a sort of halfway house towards
11 doing the full assessment, particularly of a merger
12 assessment. Whereas when you are dealing with excessive
13 pricing, an excessive pricing claim does market
14 definition still have that staging house status or is it
15 all, as I think maybe Mr Parker was implying, sort of
16 simultaneously determined and therefore it does not
17 quite have the same sequential sort of role as it would
18 do in a different case?

19 DR JENKINS: I think abstracting from anything about
20 precedent and all the rest of it but just from the
21 economics perspective of it, I do think it is useful, as
22 I have said, to think about, especially in this
23 particular case, to think about the products and what
24 products are substitutes for them and that is a first
25 thing that you do in order to consider dominance.

1 Dominance is a prerequisite for abusive dominance in the
2 sense that we all agree that there are practices that if
3 undertaken in a workably competitive market would be
4 considered fine and may not be if they are implemented
5 by a dominant firm.

6 So you know, you cannot infer from a practice just
7 say, okay, that is it, job done. You have to establish
8 dominance, and market definition is a very important
9 aspect of that dominance analysis.

10 So I would say there are not bright lines in all of
11 this but what we are learning about is how the market
12 operates but you cannot reject this information and say,
13 oh well, it is just impossible, let us just flip to the
14 next step and just assume something about market
15 definition. You have to think carefully about the
16 substitution, this substitution behaviour.

17 THE CHAIRMAN: I just want to check this with both of you.

18 I will start with Dr Jenkins. It seems to me that both
19 of you have accepted that there is a cellophane fallacy
20 element that needs to be catered for here. It is just
21 a question of how much or whether in fact it is possible
22 to do it. You say you can cater for it and you say you
23 have catered for it because of the way you have set your
24 price by reference to either the commitments price or
25 the Home Phone Saver price. Is that right?

1 DR JENKINS: Yes, so I just say I just maybe nuance the
2 beginning of that. I do not think I have accepted there
3 is a cellophane fallacy because that requires accepting
4 that the prevailing price is not competitive, which
5 ultimately is: no, the prevailing prices are completely
6 consistent with workable competition. But what I have
7 agreed is given that we are in a case that is going to
8 involve testing that question, that it is relevant to
9 look at whether my market definition based on prevailing
10 prices is robust to an alternative where the price would
11 be much lower than prevailing prices which would address
12 a concern that there was actually a cellophane fallacy.

13 THE CHAIRMAN: Which if when we come to limb 1 we were to
14 find the price was excessive, for sure you would leave
15 this sensitivity in if we have not already answered the
16 question, and that is the debate we have just had.
17 Right, so that is your --

18 So far as Mr Parker is concerned, obviously invokes
19 the cellophane fallacy but the difference between you is
20 that you do not think it has been catered for enough.

21 MR PARKER: So I do not think from my purposes it needs to
22 be catered for because it will tend you to wider markets
23 than I find so that is always the problem. You have
24 prices that are higher than the competitive level and
25 that leads to excessive switching and things start

1 looking like substitutes when they are not really.

2 THE CHAIRMAN: Yes.

3 MR PARKER: But given that I have found a market for SFV
4 services, it makes no difference if that market is too
5 wide because it could be BT SFV services, for example,
6 alone. So it makes no difference to the conclusions.

7 THE CHAIRMAN: No, but you do say that any analysis in this
8 context here has to take account of the cellophane
9 fallacy.

10 MR PARKER: I think that is right and I think that then
11 applies to Dr Jenkins' analysis. I think the problem
12 is, putting aside the single product of the BT issue, is
13 that the adjustments I think that Dr Jenkins makes are
14 essentially arbitrary and you would need to -- if you
15 like you need, to do the full in one analysis to work
16 out how you would then treat the cellophane fallacy
17 because you would need to do it on access, you would
18 need to do it on calls and work out the proper
19 competitive benchmark. Then you would need to try and
20 work out what the switching patterns would look like for
21 the single monopolist in respect of those prevailing
22 prices.

23 This is where I would certainly agree with you,
24 Mr Ridyard, that it ultimately all comes together.
25 I would also say market definition is a staging post.

1 It is a staging post that allows you to carry out the
2 analysis. It seems to me -- well, I think it probably
3 just involves we need to sort of take it all in the
4 round but I feel comfortable from the analysis that
5 I have done that I think it would be sensible to look at
6 a market for SFV services.

7 THE CHAIRMAN: Thank you. I just want to ... (Pause).

8 MR RIDYARD: Thanks for that. Some of that was a bit
9 philosophical but I think it was still useful
10 nonetheless.

11 Just going to the other extreme in a way and that is
12 just looking at the sort of functional characteristics
13 of the products. Are there any insights we can get just
14 by looking at the nature of the products, whether we
15 look at Voice Only Customers or Split Purchase
16 Customers, just look by looking at the products that
17 they buy and thinking about the very characteristics of
18 them, what kind of choices they might make. Is there
19 anything sort of on the fundamentals that we can glean
20 that will help us to understand market definition in
21 a way that has not already been revealed in the
22 discussions this morning? Dr Jenkins, would you like to
23 go first on that?

24 DR JENKINS: I think at the core of this, the functional
25 characteristics of the Voice service, however sold, is

1 predominantly the same and I think from that perspective
2 that is an element that mediates towards saying that the
3 way in which you purchase the product can all be in the
4 same market because it is the same product that you are
5 purchasing.

6 THE CHAIRMAN: The product being?

7 DR JENKINS: The Voice service element of it.

8 THE CHAIRMAN: The line.

9 DR JENKINS: Yes, the Line Rental and the calls over it.

10 Obviously that is certainly true for SPCs because we
11 are saying they are purchasing Voice from BT and then
12 they are purchasing their broadband and any other
13 services likely from another supplier, possibly also
14 from BT in a separate contract for whatever reason. So
15 then the bundle is clearly the same -- well, if they
16 have switched from another supplier there will be some
17 differences to the products' features and things most
18 likely but overall they are combining the same products
19 into a bundle purchase. For Voice Only Customers they
20 are adding another product as they move into the bundle
21 but the underlying Voice product is the same in those.

22 In a sense we see that the way BT managed the
23 different products, it just had the one Voice line and
24 all of these Voice services were considered within that.
25 So it is that idea of: we are providing a Voice service

1 to all our customers across the line that they have with
2 us.

3 MR RIDYARD: Yes, but for SPCs we are talking about not
4 buying anything different but just changing the way in
5 which they buy them really, whether they bundle them or
6 not. But for VOCs we are saying -- obviously the Voice
7 product is the Voice product but when we are talking
8 about substitution we are talking mainly about
9 substitution into bundles and we are saying the closest
10 substitute for buying product A is buying product A plus
11 B which is -- is there anything sort of -- there is
12 nothing wrong about that but is there anything sort of
13 unusual or nonstandard about that that we should be
14 thinking about?

15 DR JENKINS: I do not think there is anything nonstandard
16 about it. I think many times where these questions have
17 come up about standalone products and bundle products,
18 precisely the questions we are debating, come up which
19 is you actually look at what the switching behaviour is
20 in the market and how customers do actually make choices
21 and what products they choose.

22 MR RIDYARD: Sorry to interrupt, but for VOC, for a bundle
23 to be any sort of substitute it will have to have some
24 desire to own the broadband service. If I was
25 a customer who genuinely did not care about the internet

1 or something, then --

2 DR JENKINS: Yes, that is correct. That the nature of
3 bundling practices is encouraging customers to add
4 products to the service, the one service they currently
5 have with the supplier. It is obviously easier to do
6 that where you are asking someone to consolidate
7 purchases they are already making just to you, that is
8 one less hurdle to get over. But I think generally that
9 bundling practice, whether you think about it in the
10 supermarket of, say, buy one get one free or whatever,
11 it is the way in which you bundle the products
12 encourages the demand for the bundled product from just
13 buying the single original product.

14 MR RIDYARD: But you have to have some desire to have the
15 other thing.

16 DR JENKINS: You have to have some desire obviously but
17 there can still be a substitute.

18 MR RIDYARD: Mr Parker, anything to say on this?

19 MR PARKER: Not a massive amount. I think I would agree on
20 Split Purchase. I do not think -- it is essentially the
21 same product being bought in through two separate bills
22 rather than one compared to Dual Play and I think that
23 is what is helpful from looking at the sort of figures
24 7/8 analysis we were looking at earlier in terms of why
25 that might be a relevant comparison.

1 VOCs, there is clearly some difference between just
2 buying a Voice service and then buying a bundle which
3 includes broadband or other products. I think to me,
4 there seems to be quite a bit of evidence that when you
5 ask the people on VOCs they say that is because I want
6 to be Voice but there is clearly also a trend towards
7 taking bundled products over time. I think one of the
8 ways to look at that is the kind of post-commitment
9 price elasticity point which is you cut the price quite
10 a lot. There is still a drift away but it is probably
11 just because there is this secular trend.

12 MR RIDYARD: I do not want to delay this too much but in
13 your evidence one sort of point you made more than once
14 was that the VOCs were customers who reveal themselves
15 not to be interested in bundles. I mean --

16 MR PARKER: So at any point what we are seeing at any point
17 we have got remaining VOC customers and BT is putting
18 the price up. People are leaving but BT is thinking --
19 seems to be thinking, well, I can still put the price up
20 to those VOCs because for whatever reason the amount of
21 switching away that is going on is not sufficient to
22 stop me doing that.

23 MR RIDYARD: So they reveal themselves not to be as
24 interested in broadband as other people but they are
25 still interested to some degree or some of them are

1 anyway.

2 MR PARKER: To some extent that must be true because we do
3 see overall there is a reduction in the size of the
4 Class and the size of the SFV base over time but it
5 could be happening I think for lots of reasons not
6 necessarily related to price.

7 THE CHAIRMAN: Good, thank you very much. Until 2 o'clock
8 then.

9 (12.59 pm)

10 (Luncheon Adjournment)

11 (2.00 pm)

12 MR RIDYARD: Okay, so we are now looking at the questions on
13 demand side substitution and some of these I think we
14 have already covered in the discussion to date. I think
15 the first one I would like to raise is item (d) on this
16 list in 1.12, which is when we are looking at the demand
17 side constraints from Voice to bundles, that the bundles
18 might exert on Voice customers, how should we deal with
19 the distinction between access and the call charge
20 elements?

21 Dr Jenkins, do you want to go first on that.

22 DR JENKINS: Is this the general question or specifically
23 with respect to bundles?

24 MR RIDYARD: It is in general, I suppose. Just thinking
25 about, yes, what ...

1 DR JENKINS: Because there are sort of two elements to it.

2 The first element is the choice -- when you are making
3 the choice about which access service to buy, whether
4 you are going to buy a standalone one, or one bundled
5 with broadband, standalone broadband, standalone Voice,
6 if you are an SPC, then the calls packages that you
7 might additionally purchase, and the out-of-plan call
8 prices that you might be faced with when you are making
9 that decision, are basically the same across all those
10 choices from BT's perspective, so that is one situation
11 where there was like one-for-one pass through in terms
12 of, you know, when they changed the price for anytime
13 calls or the call packages, that passed through to all
14 their customers at that time.

15 So from the perspective of thinking about customers
16 who are buying their Voice services in a bundle with
17 others and what constraint those calls would put on
18 them, I think it is just -- it is the same factors which
19 will influence BT when they are selling that aspect of
20 their Voice offering to their customer base. It will be
21 across all Voice, as BT thought about it, because those
22 prices did affect all Voice.

23 The second point I have raised with respect to the
24 calls element is to say that if you are actually
25 thinking about the market dynamics about the usage of

1 calls, then that comes as almost a second decision after
2 you have decided what access product you are going to
3 take. You then -- at that point you now have your line,
4 whether it is standalone or in a bundle, and then you
5 have the decision about how you are actually going to
6 communicate with someone, and because the very large
7 majority of the people in the Class multi-homed with,
8 certainly with mobiles, also for those who were SPC,
9 they did have the internet as an access route, so other
10 forms of communication, mobile calls, messaging, emails,
11 all of those options would have been relevant.

12 So when you are thinking about BT's ability, it is
13 probably -- I have dealt with it more in the dominance
14 side, but -- so BT's ability to act independently when
15 it is setting those Voice calls, which it is doing so
16 for its whole Voice base, will be constrained by these
17 other communication modes.

18 MR RIDYARD: Okay. So in terms of market definition,
19 though, does that mean that -- is your position that,
20 when we are looking at the Voice elements, that the
21 market goes beyond fixed line communication?

22 DR JENKINS: I think I have agreed that the focal product
23 for what we are looking at here is SFV services, which
24 is access and calls together, because I do think that
25 when someone is making the decision about what to adopt,

1 they do think both about the cost of the access but also
2 the ability to make and receive calls. It is one
3 package of services that they are buying, and I have
4 done my analysis on that basis.

5 I think it is more when you come to thinking about
6 the evidence on how to treat calls either in dominance,
7 in limb 1, or in limb 2, that ability to behave
8 independently on that component I think is not
9 straightforward.

10 MR RIDYARD: Mr Parker.

11 MR PARKER: So I think access and calls should be in the
12 same market primarily for supply side reasons, although
13 I think there are some demand side reasons as well,
14 because if you can supply access, you can supply calls.
15 The point of access is to provide the service over which
16 you get calls. I think it makes sense to look at them
17 jointly.

18 I think one area that puzzles me slightly is I think
19 Dr Jenkins, if I understand correctly, is saying the
20 existence of bundles provides a competitive constraint
21 on SFV services, Voice, access and calls. But at the
22 same time she is saying: "but there is a recapture
23 incentive, so actually the existence of bundles makes
24 you want to put prices of SFV services up". I do not
25 know how you can think about both of those things at the

1 same time or which of those she is necessarily kind of
2 prioritising, as it were.

3 My view on the point about there is an overall -- BT
4 sets one price for everything, it seems to me -- I do
5 not think that applies either for access or for calls
6 when it comes to the bundle prices, the reason being --
7 so for access you can always change the incremental
8 broadband price around on the basis that you have got
9 some notional price for access, but people are buying
10 the bundle.

11 But I think the same is true for calls, because even
12 if you are applying the same calls prices across
13 everyone on a per package basis, which seems to be the
14 case, in setting your Dual Play price, for the reasons
15 we discussed earlier, you are going to be thinking about
16 the revenues you might get from calls. So because that
17 Dual Play package is in a competitive market, bundles
18 being competitive, you will change your incremental
19 broadband price to set the Dual Play price at the
20 competitive level, anticipating whatever profits you are
21 going to make on calls.

22 So I see these as very much they are different and
23 separable pricing decisions.

24 MR RIDYARD: So just as before we were saying -- I was using
25 the phrase you could "neutralise" the impacts of the

1 Line Rental price increase by just reducing the
2 incremental cost of broadband, you are saying you could
3 neutralise a decision to charge excessively high call
4 charges by giving some money up-front in the form of
5 a further reduction in the premium between the Voice and
6 the bundled proposition?

7 MR PARKER: Exactly, yes.

8 MR RIDYARD: Actually I had not necessarily thought about it
9 that way before.

10 Does that make sense, Dr Jenkins?

11 DR JENKINS: I think the take-up of the call package options
12 is probably not -- I do not think it is correlated by
13 whether you are in the SFV category or the bundle
14 category, and the customers are making that decision and
15 may change that decision once they have already made
16 that choice.

17 So you -- I do not think there is any evidence that
18 the way BT thought about that and thought about the way
19 they discussed the bundle pricing, it was: here is your
20 bundle price, of which £18.99, £19.99 is your Line
21 Rental charge. It is not also: oh, and you get
22 unlimited anytime calls with that, or something like
23 that. If you were going to do it that way, it is like
24 you would be saying, oh, the customer needs to take the
25 package that you are doing that with. Alternatively,

1 you would say, oh, they have passed through on all of
2 these packages in some way the same additional charge
3 but we have -- you know, some prices were zero most of
4 the time, other prices changed.

5 I think that the dynamics of the call pricing were
6 seen, across all Voice customers, as allowing those
7 Voice customers to make a selection, and to do that
8 effectively, so that you neutralise, you would almost
9 have to have specific bundle prices that matched with
10 the types of call packages that you were taking.

11 MR RIDYARD: Yes, I see that, yes.

12 MR PARKER: Perhaps I could just give a further response, if
13 that is all right.

14 MR RIDYARD: Yes.

15 MR PARKER: There are two ways you could further think about
16 this. One is that BT would take into account the
17 expected profits arising from the suite of call packages
18 that are available, on the basis I get a new customer
19 in, I do not know which they are going to take, but I
20 know they are going to take, or there is a chance they
21 will take one of them, and that will be ... and then on
22 average, you know, what is the expected profitability of
23 that that I might want to ... Then competition drives me
24 to give that away.

25 The other way of thinking about it is I need to be

1 competitive in the Dual Play market. Other people,
2 other competitors in that Dual Play market are setting
3 competitive prices also affected potentially by the same
4 situation, which is that they are expecting they will
5 make some money on a calls package and they are setting
6 their incremental broadband price or their Dual Play
7 package in anticipation of those extra profits that they
8 might make, because they want to get those people in
9 through the door as well.

10 So I think even if that is not how BT was kind of
11 explicitly thinking about it, it seems to me the market
12 pressures would lead you there in a competitive market,
13 and we see the evidence on incremental broadband prices
14 is that they are very much detached from the standard
15 Line Rental price, because we have seen that directly,
16 but since the list prices of these packages are also
17 going up, they are sort of detached from those as well.

18 MR RIDYARD: They certainly move independently but whether
19 they are completely detached I guess is a ... Yes.

20 MR PARKER: If they move independently then it seems to me
21 there ... It is a separate pricing decision for the
22 bundle.

23 MR RIDYARD: Yes. The next question we had was about the
24 propensity to switch from Voice to bundles across time.
25 We put the evidence up on that on the screen yesterday

1 which seemed to show that there was about a 25% risk of
2 losing, a 20-25% risk of losing an SFV customer, or 25%
3 were lost in each year throughout the whole period, more
4 or less. There did not seem to be much change in that
5 over time. So should we just infer from that that the
6 threat of losing these customers has been the same
7 throughout the whole period, or is there a significant
8 change over time?

9 Mr Parker?

10 MR PARKER: I think -- well, perhaps the right way to look
11 at it is if we look at Dr Jenkins' report in ... I think
12 it might be Figure 4.1.

13 THE CHAIRMAN: Of the first report?

14 MR PARKER: Of the first report, yes. {OR-E/17/76}.

15 So this is just showing the decline in the number of
16 SFV customers overall. It is not talking about the
17 extent of whether these are leaving BT or within BT, it
18 is just as a whole.

19 It is not entirely -- there is not -- it is fairly
20 close to being a kind of constant presented reduction.
21 It is a little bit steeper at the beginning of the
22 period. I only take from Q1, 2014, but it is a little
23 bit steeper at the beginning of the period and it
24 flattens out ever so slightly after the commitments.
25 But by March I would say the starting point is there is

1 a fairly constant reduction in the SFV base.

2 MR RIDYARD: Yes, so the market definition does not --
3 because in principle you could have a better case on
4 market definition in one year -- or one set of years
5 than another, but you think it is fairly constant for
6 that period --

7 MR PARKER: I do not think I would kind of change the market
8 definition on a year-by-year basis for these reasons.

9 MR RIDYARD: Dr Jenkins, would you ...

10 DR JENKINS: Yes, I agree.

11 MR RIDYARD: So that in itself, there is just one answer to
12 the SSNIP test question for the whole period --

13 DR JENKINS: Sorry to interrupt. The only thing I would add
14 is obviously post-commitments that we both agree you
15 then can look at the two groups differently, which you
16 have not been able to do at that point. There are
17 multiple reasons to then think about whether Voice Only
18 Customers look different from the SPCs at that time.
19 I have not dug into that in a lot of detail because
20 those Voice Only Customers are not part of the Class at
21 that point. But it is not so much just a time -- the
22 passage of time there, it is also the fact that you now
23 are able to differentiate between the different types of
24 customers.

25 MR RIDYARD: Okay, they are not part of the Class anymore,

1 but is there nevertheless something useful there that we
2 might learn from that? If you have not done it, you
3 have not done it, but is there anything ... by comparing
4 the VOCs with the SPCs post-2018?

5 DR JENKINS: I mean, I think the evidence suggests that the
6 VOCs are less price responsive than the SPCs after that
7 point in time. That is the evidence I found from my
8 event study. Obviously the commitments process itself
9 lowers the price to one group, and Ofcom or BT introduce
10 some more engagement measures for the SPC category, and
11 those are likely -- both of those can affect the
12 customers such that the SPCs become even more price
13 responsive post that commitments process, and VOCs
14 become less price responsive.

15 MR RIDYARD: So we cannot really make any sort of confident
16 guesses, then, about the differences between the two
17 groups?

18 DR JENKINS: I think it is hard to work backwards from that
19 and infer something to the period before 2018, and,
20 indeed, I think at some point I say I do not do it
21 precisely for that reason, and I do not split any of the
22 reason exit analysis trying to make some estimate of
23 what it would be for SPCs, because I think it is very
24 hard to untangle those effects prior to 2018.

25 MR RIDYARD: Yes.

1 Mr Parker, would you agree with that?

2 MR PARKER: I agree with that. Perhaps it might also be

3 worth looking at page 246 of the JES one more time,

4 possibly not for the last time, because we have mostly

5 looked at ...

6 MR RIDYARD: Page number again, please?

7 MR PARKER: Sorry, {E/49/246}. It will be a familiar graph.

8 We have mostly looked at the pre-commitments period in

9 the discussions so far. What you see in the

10 post-commitments period is you have the standard Line

11 Rental price for Split Purchase Customers, which is the

12 blue dotted line, and then you have the commitments

13 price for the VOCs. It seems to me that if there was

14 a lot of switching as between SPC and VOC, then you

15 would not be able to maintain the significant price

16 differential and indeed the --

17 MR RIDYARD: So if there was a lot of switching between --

18 do you mean from VOCs -- from SPCs?

19 MR PARKER: I mean from Split Purchase to VOCs, so it is

20 suggesting that there is not a lot of switching going

21 on -- not enough switching going on from Split Purchase

22 to Voice Only to take advantage of the commitments,

23 which is suggestive to me of a market for Split Purchase

24 alone from that period.

25 MR RIDYARD: So how would -- sorry to be slow, but how would

1 a Split Purchase Consumer switch to be a VOC?

2 MR PARKER: You would give up your broadband.

3 MR RIDYARD: Yes, okay.

4 MR PARKER: Because you are not eligible for the --

5 MR RIDYARD: You would not be eligible for the lower price.

6 Any comments on that?

7 DR JENKINS: My market definition post-commitments is Voice

8 sold to SPCs on a standalone basis and Voice sold in

9 bundles. So I agree that it is not likely that people

10 will switch down to the Voice Only product at that point

11 in time. I think some of them did. As Mr Parker

12 mentioned, there was some switching to people just

13 taking Voice Only at that time. But it is still the

14 case that I think that the SPCs would have -- would be

15 in the same market as bundle services.

16 MR RIDYARD: Okay. Fine.

17 Then we had a question on selection bias, I know it

18 is a point that, Dr Jenkins, you made in your reports at

19 various points. Is there anything on that topic that we

20 have not covered already in the discussion that you

21 would like to raise here?

22 DR JENKINS: Do you mean with respect to the migration bias?

23 MR RIDYARD: Yes.

24 DR JENKINS: I think the point I would make here is just to

25 say that given that you are seeing a lot of switching to

1 what is considered this alternative product, and so when
2 information is gathered and reported it is often
3 gathered at the product level and therefore the
4 characteristics of a customer get attributed to the
5 group for the current product they are purchasing. So
6 where it is the same customer that has made a change,
7 you have to remember that the fact that that person has
8 changed means that their engagement levels, their
9 switching levels, considering them inert. Of changing
10 is what is seen to make them less inert, they probably
11 still had that character just before they left.

12 So the way I describe that is to say you have to be
13 careful about extrapolating from what you observe today
14 about what you might expect to see in the next year. So
15 there is a lot of evidence that says they have been with
16 the product for a long time, they say they are not
17 interested, but yet what we observe is that if you look
18 12 months later a lot of them have then made the switch.

19 MR RIDYARD: So you would say the answer to that would be --
20 the other way of addressing that would be to go back
21 a year or two years and say: would you have made the
22 same prediction about those people who then, it turned
23 out, actually left?

24 DR JENKINS: Yes, and find that -- yes, if you said, oh,
25 well, no one will leave because they have all been here

1 for a long time, and then you look and you say, oh,
2 look, another 15% of them left. Oh, look, another 15%
3 of them left. But when you ask them, they say, oh, yes,
4 I am not interested, or, actually, I have not switched
5 in the last 12 months, and that indicates inertia, but
6 it is actually not necessarily a good prediction of
7 whether they will switch in the next 12 months.

8 Then because they move out of your product, you do
9 not capture them the next year. Because normally if
10 they were switching to just another supplier of the same
11 service they would be captured in those types of
12 surveys, because they would say, oh, yes, I switched in
13 the last 12 months. But because they move potentially
14 to another supplier and another service, they are not --
15 that switching is not captured when you look at the
16 group that they started from. It gets attributed to the
17 group they end up in.

18 MR RIDYARD: Mr Parker, is there anything more to say on
19 that?

20 MR PARKER: Only that I think switching is relevant to the
21 extent that it influences pricing decisions, and I think
22 you can look at the pricing decisions and see what that
23 shows you, and say this is one version of that story.
24 Therefore the kind of -- the measurement of the level of
25 kind of switching away seems to me of sort of secondary

1 importance, because the primary importance here is what
2 did BT think about the extent to which people would
3 switch away if it put prices up?

4 MR RIDYARD: So you are back to judging them by their
5 conduct, which is the choices to keep prices high or to
6 raise prices?

7 MR PARKER: Yes, exactly.

8 MR RIDYARD: We talked yesterday about non-price factors and
9 the part they play in substitution. I felt as though we
10 had covered that reasonably well, but are there any
11 other points you would like to make about the importance
12 of non-price factors in this ... Maybe, Dr Jenkins, you
13 go first if ...

14 DR JENKINS: I think we did cover it yesterday, so ...

15 MR PARKER: Agreed.

16 MR RIDYARD: There is a question of the internal BT
17 documents, and I appreciate you might not have
18 a completely comprehensive understanding of all of the
19 internal documents, but is there anything from the
20 factual witnesses or indeed the other parts of the
21 factual record that you have looked at which adds
22 further insights to the discussions we have had about
23 switching, or are there things which should have been
24 said that have not been said that would lead you to
25 support or reject the different theories on

1 substitution?

2 Mr Parker, would you like to go first on that?

3 MR PARKER: I mean, the impression I have from the pricing
4 documents particularly around sort of Line Rental price
5 increases is that there was a kind of target to put
6 the price up by £1 most years, and that seems to be what
7 happened, and that addition -- to the extent that there
8 were discussions around what price increase should be
9 put in place, it was not so much about should we put the
10 £1 in, but might we put £2 in or might we put some other
11 number. Then the issues that tended to come up in the
12 documents from my reading and understanding, and, as you
13 mentioned, I would not say my reading is comprehensive
14 necessarily, but they seemed to be more around concerns
15 about media adverse comment, what Ofcom might say, not
16 so much about: we will lose lots of customers if we do
17 this. There are isolated references I think
18 occasionally to the Post Office, at the time when the
19 Post Office had a particularly aggressive -- a much
20 cheaper SFV price, which was I think 2012/13/14, that
21 sort of time, but the Post Office gradually floated up
22 its price to the prevailing price level, I think,
23 towards the beginning of the claim period.

24 So it seems to me that you do not get much of
25 a message from those documents about the constraint

1 being placed on the Line Rental price as a result of
2 potential switching to bundles, or indeed SFV --

3 MR RIDYARD: So when you see references to worrying about
4 what Ofcom might think and worrying what the PR
5 consequences might be of price changes, do you see those
6 as evidence that the things constraining BT were not
7 competition in the way that we normally associate it,
8 but the threat of regulation or something
9 non-competitive?

10 MR PARKER: I think if it was competitive you would see more
11 responses to competitors, you would have more kind of
12 gaming of what happens if people do not follow us up?
13 What happens if someone else becomes more aggressive on
14 such-and-such a price? You do not really see any of
15 that. The concerns that are had seem to be more around:
16 we do not want to draw too much attention to these price
17 increases if we can avoid it, because that creates all
18 sorts of headaches for us. Not necessarily to do with
19 competitive switching, but to other kind of management
20 challenges, for example, to deal with journalists, to
21 deal with the regulator.

22 MR RIDYARD: Dr Jenkins, I am interested in your perspective
23 on that.

24 DR JENKINS: Yes, so I would not say that I have certainly
25 covered reading all the documents or --

1 MR RIDYARD: No, and we do not want to be asking you unfair
2 questions. But to extent that you have something ...

3 DR JENKINS: Yes. What I understand from the £1 price
4 assumption is, as you said, that BT was having to make
5 choices in quite a complex environment, would be how
6 I would interpret what is going on. So they have got
7 falling call revenues and they have got increased
8 investment needs through this period, so as a business
9 they are trying to work out how best to manage their
10 business in the face of that.

11 So some of that process of deciding where you are
12 going to increase price, so there is -- and that
13 inference from the fact that they are thinking about
14 increasing prices, meaning they have market power, as
15 opposed to they are competing across the board by having
16 to improve the quality of the services that they offer
17 and they have to find a way to actually make that work.
18 So I think that aspect of it is relevant to thinking
19 about the competitive dynamics.

20 Then in terms of this -- how they set the Voice
21 price through this period, so I think it can be quite
22 confusing, depending on which documents one is looking
23 at. I mean, a lot of the times they are thinking about
24 Voice as one product, so they do not actually think of
25 it as a switch when a customer moves from Standalone

1 Fixed Voice to Voice sold in a bundle with BT, because
2 that remains in their P&L in the same place with the
3 same revenue attached to it, whereas there was actually
4 a sort of dynamic change for that customer in that they
5 brought their bundle product in to -- the broadband or
6 other products in to BT, or they were upsold into
7 broadband.

8 So sometimes I think when they talk about churn from
9 Voice it can be a bit confusing about what they are
10 talking about there, and in that they are balancing two
11 aspects, as far as I can understand it. So the first is
12 the recapture incentive, as we already discussed, which
13 is there is some upward pressure on the Voice component
14 of that to make the upsell to the bundle attractive.
15 Having done that, while that may not pass through, and
16 certainly may not pass through in full, to the customer
17 acquisition price for their bundle product, it will pass
18 through, along with other price changes, to the overall
19 price of the bundle when you come off your acquisition
20 price.

21 So at that point, what that does is for their
22 installed bundle base, when they come off their
23 24 months or 18 months, whatever it was, at the time,
24 you may have given them an extra push to consider an
25 alternative, because now they are going to come off that

1 price and then the overall price for their bundle is
2 going to go up.

3 So you have got -- and there, when they look at
4 that, that is when maybe they leave BT and go to someone
5 else for bundles. They may call BT and they may be
6 saved, but they may just go and take a different offer.

7 So they are setting Voice prices -- the standalone
8 Voice prices, they are setting acquisition prices for
9 bundles, and they are setting post-acquisition prices
10 for bundles. So the documents, depending on what angle
11 on that they are looking at, that might be -- you might
12 get all sorts of different discussions, depending on
13 those things.

14 I think all of those competitive dynamics are
15 relevant such that you cannot immediately infer from
16 price rises that the main explanation for those is
17 market power, as opposed to responding to the
18 competitive dynamics that were actually facing all of
19 the market participants who all had very similar pricing
20 policies with respect to their Line Rental, their
21 acquisition bundles and their post-acquisition bundle
22 pricing.

23 MR RIDYARD: Thank you.

24 The question that comes out of that, which I might
25 put to Mr Parker, is, as Dr Jenkins just said, whatever

1 else you might think about the documents about price
2 rises for Voice, they do appear to be talking about
3 Voice customers as a whole, when the internal documents
4 talk about the £1 increase and all the other things.

5 If the true policy here was to be focusing in
6 reality on the SFV customers, because they were the ones
7 who were going to bear the incidence of this, and the
8 effects on other people could be neutralised by
9 adjusting the incremental price of the bundle, do you
10 not think you would have seen more explicit reference to
11 the fact that when we are talking about Voice price
12 changes, the people who are really going to pay the
13 bills -- be paying this would be the SFVs, or was BT
14 just very careful not to show a paper trail?

15 MR PARKER: I mean, that is obviously a question for BT.

16 I mean, it seems to me that BT may well have thought
17 that, you know, where it is setting a single price, but
18 at the same time their actions are clearly demonstrating
19 that they are setting a different incremental price for
20 bundles, for the broadband part of the bundles, in order
21 to make the overall Dual Play package competitive, and
22 similarly with other packages.

23 So I think -- I do not see that there is a sort of
24 inconsistency from their kind of perspective. It is
25 just the outcome of that is that the incidence is

1 essentially felt by SFV people who are only taking
2 Voice, and people who take bundles will end up paying
3 the competitive price, and BT clearly recognises that it
4 needs to do something with the incremental broadband in
5 order to maintain its competitiveness for those
6 products.

7 So I do not know, I am not sure I would draw a huge
8 amount from the way they describe it as opposed to what
9 you actually see going on in the pricing.

10 MR RIDYARD: Okay. Was there any other part of Dr Jenkins'
11 last answer that you wanted to comment on?

12 MR PARKER: No.

13 MR RIDYARD: I think then we are on to the question of
14 supply side substitution. I think it is kind of clear
15 to everyone that anyone who produces bundles could
16 produce Voice Only, or anyone who is producing Voice can
17 do bundles as well, because everyone is geared up to do
18 everything.

19 So the question of supply side substitution, does
20 that come down to the ability to price discriminate on
21 the demand side and price independently despite the ease
22 of supply side substitution?

23 Mr Parker?

24 MR PARKER: Yes, I think that is the answer. Most people in
25 the market are providing SFV service and a bundle, and

1 those who are not are already providing SFV service, it
2 is easy to take something away from the bundle to only
3 provide one element of it. But that constraint exists
4 throughout the period, either because people are already
5 on SFV or because they could easily do so.

6 I do not -- you do not see it coming through in --
7 as a constraint on prices sufficient to prevent the sort
8 of price discrimination that is facilitated by the
9 difference between bundle customers and SFV customers.

10 MR RIDYARD: So, Dr Jenkins, does supply side substitution
11 give you any ammunition that you do not already have
12 from your analysis on the demand side, or is there
13 any --

14 DR JENKINS: I did not factor in an additional element to
15 supply side substitution in my base market definition
16 analysis. It is based on the actual demand side
17 substitution to the substitute service which is bundles.

18 In the event that one rejects that, then, that is
19 not relevant, the demand side substitution, I think then
20 the supply side substitution questions come more into
21 play, because here -- I mean, you know, there is
22 evidence that sort of says that the other players say,
23 oh, we did not really target these Standalone Fixed
24 Voice customers, right.

25 I think this sort of goes to the other point that we

1 have discussed, which is if you can supply multiple
2 products over a line and you are targeting a customer,
3 then you are going to very much target them to take
4 multiple products over your line, because at that point
5 your acquisition costs, everything that you have done to
6 attract that customer and serve them, you are going to
7 prefer to get the revenue from supplying multiple
8 products rather than say, oh, I am just going to target
9 you with one product. Then the question is: does that
10 mean they avoided some customers, actively avoided them,
11 versus they just made offers which were to encourage
12 people to switch to bundles?

13 In the event that there were very high margins on
14 these Standalone Fixed Voice customers that were being
15 served by BT, and these suppliers are actively targeting
16 customers in the market with their services, it does not
17 make sense then to say they would not also add on to
18 their marketing: come to us just for Voice and we will
19 offer you a good deal.

20 So I think if you are going to separate these out
21 then someone supplying bundles could be caught into --
22 if you have narrowed the market and said: I am not going
23 to include the demand side, the fact that these
24 suppliers of bundles could offer the fixed Voice
25 services would bring them back in at that point through

1 those types of channels.

2 MR RIDYARD: Yes, okay.

3 When we talk about dominance, we have got some
4 questions about some customer acquisition costs.

5 I think it probably makes best sense to deal with these
6 questions then, because we are organised on that.

7 So I think we are just on to the last topic which is
8 the role of mobile phone telephony as a constraint.

9 Clearly at some level use of mobile phones is an
10 alternative to Voice, fixed Voice calling. Mr Parker,
11 is this something that you acknowledge, but saying it is
12 just not enough to come into the market definition
13 debate or ...

14 MR PARKER: Yes, essentially. There is obviously a slightly
15 different kind of set of competitive issues going on,
16 access versus calls. I think I am with Dr Jenkins on
17 the access side, that people may be treated more as
18 complementary rather than as substitutes and that they
19 would have both.

20 MR RIDYARD: Sorry, but that is not quite a definition of
21 a complement is it?

22 MR PARKER: Sorry, it is a lay complement rather than an
23 economic complement but it is not an economic
24 substitute, shall we say.

25 MR RIDYARD: But even ex-post. I suppose, are we clear on

1 the facts about how many of the SFVs had mobile phones?

2 MR PARKER: I think it is a very large proportion. You

3 may --

4 DR JENKINS: Yes, I think it is over 80% in the early part

5 of the period for SFVs. When you start to get just the

6 SPCs then it is over 95% or something, so ...

7 MR RIDYARD: So then.

8 DR JENKINS: I think even on SFV it is increasing through

9 the period but I do not have stats for the whole period.

10 MR RIDYARD: So in an ex-post sense everyone has the option

11 using their mobile or instead of the landline if they

12 wish to, assuming they get a mobile signal at home,

13 which I know is not true for everyone.

14 MR PARKER: Yes, absolutely. I mean I suppose I would say

15 the pricing evidence shows you the sum of all the

16 constraints BT were facing were not enough to put prices

17 back down again, so for me it is another dimension of

18 the constraints that was not sufficient. I think we

19 have actually agreed that mobiles are not in the market

20 and that --

21 MR RIDYARD: They are competitive.

22 MR PARKER: -- potentially you might put them in or think

23 about them in the dominance assessment.

24 MR RIDYARD: Last word on this. Then is there anything more

25 to say on that, Dr Jenkins?

1 DR JENKINS: I think not from the question of fixed access
2 decision at the time, at the beginning, certainly the
3 beginning of the claim period I think the evidence is
4 pretty clear that people did not see -- were not giving
5 up their fixed line access for mobile phones. I think
6 towards the end of the period, which I have not
7 presented a lot of evidence on, but you are seeing now
8 increasing fixed line contracts that are broadband only,
9 so people are not taking Voice services any more over
10 their landlines and they are just using mobiles for the
11 Voice element of what they do.

12 But for the key period of interest here, which is in
13 the past, I think the evidence from 2015 through to
14 2017/18 is that the proportion of mobile only homes is
15 staying fairly fixed through that period. So I did not
16 think that looked like good evidence to include that in
17 the market.

18 But because we are talking about the decision about
19 whether you have a fixed access line. As we have
20 already touched on earlier, if you are then going to
21 make a claim about calls themselves being excessively
22 priced, then I think that needs to be founded on an
23 understanding of what the dynamics of call pricing is as
24 opposed to this access, the decision about which access
25 product you take.

1 MR RIDYARD: Yes.

2 THE CHAIRMAN: Just one moment. (Pause).

3 Thank you, that then completes our questions on the
4 first topic, market definition. So now is the time if
5 counsel for either party want to ask any clarificatory
6 questions, so I will start with Ms Kreisberger and see
7 if there is anything that she would like to ask.

8 MS KREISBERGER: Could I just have one moment, sir, to take
9 instructions. Would it be a convenient moment to break?

10 THE CHAIRMAN: Either way we are probably going to finish
11 earlier today, so why do we not take our break now.

12 MS KREISBERGER: I would be very grateful.

13 THE CHAIRMAN: All right. Let us do that.

14 (2.47 pm)

15 (A short break)

16 (3.00 pm)

17 Cross-examination by MS KREISBERGER

18 MS KREISBERGER: Thank you, sir, I am very grateful for the
19 break.

20 I have just got one short point of clarification.
21 Could we please call up Figure 8 in Mr Parker's third
22 report, which is {IR-E/3/81} which we have now looked at
23 a number of times.

24 Now, Mr Parker, I am just going to read to you ...

25 Sorry, I am speaking to the back of Mr Parker's head

1 because of our positioning.

2 Do not feel the need to turn around.

3 I am going to read to you a point you made from
4 yesterday's transcript on this Figure 8. If it helpful
5 we can call it up on the screen, but I think it might be
6 more useful, could we have Figure 8 up entirely so
7 Mr Parker can see the note underneath it. I think you
8 have it there in hard copy in any event.

9 Now, yesterday -- it is at page 156 of the
10 transcript. {Day9/156:7}

11 THE CHAIRMAN: Are we able to have this widened or will we
12 lose the note?

13 MS KREISBERGER: It might be helpful to see the note.

14 THE CHAIRMAN: We have got it, but if it can be widened?

15 MS KREISBERGER: So zooming in on the bottom of the page
16 might be useful.

17 THE CHAIRMAN: Yes.

18 MS KREISBERGER: Thank you, sir.

19 Now, Mr Parker, yesterday you were taken to this
20 figure and you said:

21 "So this is BT SPC, so Standalone Fixed Voice and
22 standalone broadband versus rival Dual Play pricing."

23 Then you said again at line 13:

24 "The SFV price for BT against the Dual Play price
25 for rivals."

1 Could I just ask you to confirm whether that is
2 right or you need to clarify that?

3 MR PARKER: So the Dual Play prices -- I had forgotten the
4 note -- also include BT and Plusnet. So there are some
5 BT products in the -- the blue diamonds and the yellow
6 triangles are the standard and promotional prices for
7 these products, and they are across lots of providers in
8 the market, including BT.

9 THE CHAIRMAN: Just a moment.

10 MR PARKER: Which is the last two sentences I think of the
11 note. We see on the list different providers there.

12 THE CHAIRMAN: I see, yes.

13 MS KREISBERGER: Mr Parker, if I just ask you to look at
14 Figure 7 on the previous page, page {IR-E/3/80}, do you
15 want to comment on what that shows in the same respect?

16 MR PARKER: Sorry, that would be the same point, that
17 those -- the blue and yellow dots also include BT.

18 MS KREISBERGER: If we go forward to figure 10 on page
19 {IR-E/3/98}.

20 MR PARKER: The same issue there, and indeed for 11.

21 MS KREISBERGER: Sorry, I did not catch that?

22 MR PARKER: I said and indeed for figure 11.

23 MS KREISBERGER: Figure 11 on page 99?

24 MR PARKER: Yes.

25 MS KREISBERGER: I have no further questions, thank you.

1 THE CHAIRMAN: Thank you.

2 Mr Beard, do you have any questions? Clarification?

3 MR BEARD: Plenty, but ...

4 THE CHAIRMAN: It is for clarification only.

5 Cross-examination by MR BEARD

6 MR BEARD: It may just be useful for the Tribunal, because
7 there was a discussion about the CLA and the
8 sensitivities that were run. Obviously Dr Jenkins in
9 her second report deals with these things in appendix --
10 Annex 2, and there are some useful tables there, 2.1 and
11 2.2.

12 But actually there is a sort of further iteration
13 which is in the joint expert statement, so that is
14 {E/49/251}. We are joining the conversation several
15 stages down the line. I think probably it is sensible
16 if Dr Jenkins first explains what this table is in the
17 context of what she has done before, and then obviously
18 Mr Parker has an opportunity to comment on it, but
19 I will perhaps leave it then to Dr Jenkins, and then
20 I do have one other question.

21 THE CHAIRMAN: Thank you.

22 Yes, Dr Jenkins, if you just want to talk us through
23 what is described there as the new one of CLA.

24 DR JENKINS: Yes, so this is responding to one of the
25 criticisms that Mr Parker made of my CLA, which was that

1 some of the categories that I had included as
2 potentially price related switching should not have been
3 included. So this was me stripping those out and
4 re-running them and finding that that did not change the
5 results of my CLA analysis.

6 THE CHAIRMAN: Right. Just a moment. (Pause)

7 Thank you.

8 Anything you want to say on that, Mr Parker?

9 MR PARKER: No, I do not think so. This is -- this was one
10 of the concerns I had, but I have some more fundamental
11 concerns which continue to apply.

12 THE CHAIRMAN: Yes, I have that point.

13 MR BEARD: Sir, I am going to trespass, if I may, and ask
14 for two questions.

15 There was a discussion earlier about migration bias
16 and switching, and obviously there were a number of
17 questions answered by both experts in relation to the
18 extent of switching and the cohort, and that was covered
19 in part yesterday. It may be something which is coming
20 on to in relation to dominance, but I wonder whether the
21 experts thought that the level of switching we see has
22 any implications for our considerations of barriers to
23 entry or expansion on the demand side in relation to
24 these matters?

25 DR JENKINS: We do cover that, I think, in the joint expert

1 statement as one of the issues. So the fact that you
2 have increasingly fewer Standalone Fixed Voice customers
3 may be seen as creating challenges to serving those
4 customers, but in my view the fact that those customers
5 are engaged and engaging with the market, both switching
6 at times to alternative SFV suppliers but frequently to
7 other bundle products, means there is not evidence of
8 barriers -- significant barriers to entry that would
9 prevent a supplier of Voice services from serving those
10 customers.

11 THE CHAIRMAN: Anything you want to add on that?

12 MR PARKER: I think only one point, which is the extent of
13 sort of switching away, which is obviously a matter of
14 debate, but switching away from SFV services into
15 bundles I think might tell you something about the ease
16 of acquiring customers in bundles, but I am not sure it
17 tells you a lot about the ease of acquiring customers in
18 SFV services.

19 THE CHAIRMAN: Just a moment. (Pause)

20 MR RIDYARD: I think we will revisit this topic anyway
21 tomorrow.

22 MR BEARD: Yes. I was not sure, given the questions for
23 tomorrow, so I just thought it was worth picking up.

24 The last one I had was whether or not we had any
25 sense of the number of switches who were switching not

1 just to a Dual Play bundle but to a bundle with sport in
2 it, and I do not know whether the data exists on that?

3 DR JENKINS: Yes, the data exists on that in my annex to the
4 joint expert statement. Let me just find the relevant
5 chart.

6 So that is Figure 2 on page 264 of the Joint
7 Statement {E/49/264}. So I had prepared charts to
8 show -- for those customers who leave BT's SFV services
9 but remain with BT, I had provided some breakdowns which
10 show whether they went to a Dual Play or a Triple Play
11 service or quad play including mobile.

12 But here what I did was cut the same data but show
13 whether or not, when they left SFV services and moved to
14 another BT product, that product included the sports
15 product in the bundle. You see that in the early part
16 of the period that is very high, 56%, 47%, going down to
17 23% on the ones that we can see and in the -- falling
18 further in the later periods that are confidential.

19 THE CHAIRMAN: I follow that. You say you had prepared
20 charts to show who leaves BT's SFV but remain with BT.
21 You provided some breakdowns whether they went to Dual
22 Play, Triple Play etc. Is that in your report as well?

23 DR JENKINS: Yes, that is in my second report. I would have
24 to just check to get you the reference for that.

25 THE CHAIRMAN: If you can give us the reference at some

1 point, just so we know where they are.

2 DR JENKINS: Yes. But what that was is it could be Dual
3 Play or Triple Play, but they may or may not have taken
4 sport, so you could not tell from those charts whether
5 or not they had sport. So I did this cut as well to
6 show -- to inform the question of the purpose of the
7 investments in sport and whether they were of relevance
8 to the SFV group, which shows that for many of those
9 customers when they switched within BT they were being
10 attracted to bundles that included sport.

11 THE CHAIRMAN: Thank you.

12 MR BEARD: If you turn back a page, I think there is
13 a reference to figure HJ2, Figure 3.8. I am just
14 reading what is there. I am guessing that is probably
15 ... {E/49/263}.

16 DR JENKINS: Yes. Thank you, Mr Beard.

17 THE CHAIRMAN: Thank you very much.

18 MR RIDYARD: So the fall in the number that were switching
19 to sport over this period, is that because the sport was
20 getting more expensive, or it was very cheap or free was
21 it at first?

22 DR JENKINS: Yes, so early on I think it was sometimes free,
23 sometimes cheap, and they started to increase the price
24 through that period. It may also be a composition
25 effect, such that the people who are remaining in SFV at

1 the later part of the period are the ones who are less
2 interested in sport, which is why they are still there
3 at the end, and did not switch at an earlier point in
4 time.

5 THE CHAIRMAN: Thank you. We are going to stop today now.
6 The experts have worked very hard the last couple of
7 days, so has the transcriber, so I think we can afford
8 to take a little time off from sitting.

9 Just one point about tomorrow. We will start at
10 10.30. Of course the context for tomorrow on dominance
11 is: suppose we were to find that it is the narrow
12 market, because the Class Representative accepts that if
13 it is the wider market then that is the end of it. But
14 BT's position is: even if it is the narrow market,
15 dominance still is not shown.

16 So, Dr Jenkins, the questions will be directed
17 principally to you in the first instance, and then there
18 will be opportunities for Mr Parker to comment.

19 So 10.30 tomorrow, please.

20 (3.13 pm)

21 (The hearing adjourned until Wednesday, 14 February at
22 10.30 am)

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