# OpUS 2 I NTERNATIONAL 

Sainsbury's Supermarkets Ltd v (1) MasterCard Inc, (2) MasterCard International Inc, (3) MasterCard Europe S.P.R.L.

Day 8 - Redacted
February 8, 2016

Opus 2 International - Official Court Reporters
Phone: $\quad+44$ (0)20 30085900
Email: transcripts@opus2.com
Website: http://www.opus2.com

1

| Monday, 8th February 2016 | 1 |
| :--- | ---: |
| (10.30 am) | 2 |
| (Non-confidential session) | 3 |
| $\quad$ Housekeeping | 4 |
| MR JUSTICE BARLING: Good morning, Mr Hoskins. | 5 |
| MR HOSKINS: I was going to do a little bit of housekeeping. | 6 |
| MR JUSTICE BARLING: We have a little bit too. It might be | 7 |
| the same, I don't know. | 8 |
| MR HOSKINS: It might be the same. | 9 |
| MR JUSTICE BARLING: You go first. | 10 |
| MR HOSKINS: Second, Sidenius -- | 11 |
| MR JUSTICE BARLING: No, it wasn't that. | 12 |
| MR HOSKINS: Okay. Do you want to go first? | 13 |
| MR JUSTICE BARLING: Mine was very short. | 14 |
| MR HOSKINS: Okay. | 15 |
| MR JUSTICE BARLING: Ms Boyle has basically updated the | 16 |
| schedule to the confidentiality order, and I hope that | 17 |
| by now your team has each got a copy of that updated. | 18 |
| The only changes are to include some of the non-party | 19 |
| representatives' lawyers, and the schedule indicates | 20 |
| whose confidential information those particular parties | 21 |
| are entitled to hear in evidence. | 22 |
| I think it is self explanatory, but we will | 23 |
| obviously want to make the order as soon as we can. All | 24 |
| the undertakings that have been given by the parties are | 25 |

We did get something from MasterCard on the Maestro bit, which is essentially the same as in the skeleton. And we have given MasterCard some stuff on Australia, far more detail, and we are waiting for comments on that. We are co-operating.

MR JUSTICE BARLING: Over to you, Mr Hoskins. You have got something?

MR HOSKINS: Yes, we sent a second witness statement of Mr Sidenius' to the Tribunal and to Sainsbury's on Friday. I have spoken to Mr Brealey and he feels a little bit bounced if we deal with it now. So I've said to him that's fine, whenever he's ready to do it, because obviously I need permission for it. So he's going to let me know whenever it suits him to deal with it.

MR JUSTICE BARLING: Yes. That is dealing with a question that had come from us, isn't it?

MR HOSKINS: Yes, it was prompted by the question you asked me in opening about what about revenue from interest. And it became apparent that there was some more information that could be given on that.

I don't want Mr Brealey to feel bounced; so whenever he is ready he will tell us, and I can make the application. I don't want him to be disadvantaged.
The other thing is there has been some

## 3

correspondence about further disclosure. Sainsbury's asked us for certain documents such as pleadings before the European courts and any submissions we made in the context of preparation on the regulation. Again, I just want to flag it up that we have said we don't think it is appropriate to give the disclosure. Butagain, I'm happy -- it is Mr Brealey who will be making that application whenever it suits him. We're happy to deal with it whenever he wants to make the application.

Ithought it was important to flag those up so you know they are happening.
MR JUSTICE BARLING: Yes, floating around. MR HOSKINS: Subject to that, I'm ready to call Mr Douglas. MR JUSTICE BARLING: Yes, right. The timetable, I think we have got a new updated timetable and you are going to let us know whether the offer of the compensation -I think was it the 11th? I can't remember now -- was going to be of any assistance, but anyway.
MR HOSKINS: Sorry, what are you waiting for from us, sorry? MR JUSTICE BARLING: I do not think we are particularly waiting. I think we indicated that we would be able to sit on the morning of 11 th February as a quid pro quo for the 18 th, but you will let us know in due course.
MR HOSKINS: It is more a matter for Mr Brealey and how he is getting on.

| MR JUSTICE BARLING: Yes, okay. | 1 |
| :--- | ---: |
| So you are going to call -- | 2 |
| MR HOSKINS: Mr Douglas. | 3 |
| MR KEITH ROBERT DOUGLAS (sworn) | 4 |
| Examination-in-chief by MR HOSKINS | 5 |
| MR JUSTICE BARLING: Good morning, Mr Douglas. | 6 |
| A. Good morning. | 7 |
| MR JUSTICE BARLING: You have brought your own water, have | 8 |
| you? | 9 |
| A. I have, but I'm well supplied. | 10 |
| MR JUSTICE BARLING: Do you have a glass? Right. | 11 |
| MR HOSKINS: Do you have bundle C2 in front of you? Could | 12 |
| I ask you to turn to tab 2, please. There should be | 13 |
| adocument, "Witness statement of Keith Robert Douglas"? | 14 |
| A. Yes. | 15 |
| Q. Is that your witness statement? | 16 |
| A. It is. | 17 |
| Q. Thank you. Could you look at the last page, page 42, | 18 |
| please. | 19 |
| A. Yes. | 20 |
| Q. Can you confirm that that's your signature? | 21 |
| A. It is indeed. | 22 |
| Q. Can you confirm that the contents of this witness | 24 |
| statement are true? | 24 |
| A. I can. | 24 |

5

MR HOSKINS: Mr Brealey will have some questions for you.
A. Thank you.

Cross-examination by MR BREALEY
MR BREALEY: Good morning, Mr Douglas.
A. Good morning.
Q. Have you been in court throughout the whole of the proceedings?
A. I haven't, no. I was here on Friday.
Q. You were here on Friday. And have you read the witness statement of Mr Sidenius, the second one?
A. No, I haven't.
Q. You say at paragraph 4 of your witness statement that you joined Natwest in 1998; that is correct, yes?
A. That is correct.
Q. And that you managed non-premium payment card business. What are the key differences between premium and non-premium? If I can call non-premium "standard". What are the key differences between premium and standard payment card businesses?
A. Do you mean when I assumed my role in 1998, or my opinion today?
Q. Let's have both.
A. In 1998 when I joined Natwest they had split their current business into two areas: premium cards and what was called classic cards or non-premium --
Q. Sorry, what were called ...?
A. Classic cards, which were essentially non-premium cards. Q. Standard.
A. In essence the classic card portfolio products that Natwest offered were targeted at the mass market, and consequently those products were very much structured as pretty basic propositions. And that was the core of acredit card: the ability to use the card at the point of sale or to withdraw cash, and indeed to revolve the balance if the consumer so wished. With an interest rate that was priced in the second or third decile of the market. By that, I mean it wasn't particularly cheap, nor was it particularly expensive, the interest rate.

So that was what really essentially characterised classic or non-premium cards --
Q. Just pausing there. On the interest, when you say it is not particularly cheap, is that the APR?
A. The APR, yes.
Q. You have three bands of APR, do you? You have the lower APR --
A. I'm trying to think back to then. It ranged from acertain price point to another price point. It was based on a variety of things that the issuing bank --
Q. From memory, what was the APR?

## 7

A. The APR was around $19 \% / 20 \%$, from memory.
Q. That's APR. Is that compounded? That's the annualised percentage rate? Is that on a compound basis?
A. Essentially that rate translates into a rate that the consumer would pay on any outstanding balance they had at the end of the statement month.
Q. So it is compounded?
A. Essentially, yes, from memory.
Q. Sorry, I interrupted you.

So we were talking about what the premium business was in the old days.
A. Yes, premium business in the late 90 s, when I was at Natwest, essentially propositions that either offered a form of reward for spending on the card or provided additional benefits or services to the cardholder, like insurances, for example, or concierge services, so that the consumer could, or the cardholder could take advantage of a service to help them organise holidays or buy certain goods or services.
Q. Just to kind of keep it as simple as we can, a classic or a standard card, you don't really get any rewards, but with a premium card you get rewards. Is that a simple distinction?
A. I would describe it slightly differently insofar as we are talking about the 1990s.

1

The classic card, as you described it, was basically a card with the core ability to spend and to borrow on the card. And a premium card offered some form of additional benefit to the cardholder. That could be rewards, or it could be other benefits, products and services, like insurances --
Q. So what is the difference between the classic and premium today than in, say, the early 2000s or when you joined in 1998?
A. From my time when I was here in the UK markets, so through to 2013, a premium card typically offered rewards, not always, but more often than not did, and provided additional benefits or services, travel insurance, holiday booking service, VIP, access services etc, those sorts of things.
Q. Sorry, so what is the difference between 2000 and 2016 for a premium card? Just more rewards or services, or --
A. Well, I think there are two differences. One is that there are a lot more premium cards in the marketplace, and that's driven by a number of factors. And secondly, those premium cards offer typically, in addition to rewards, other benefits, and more often enough those cards in this market today are fee free.
Q. You said that there are more premium cards now because

9
of a number of factors. What are they?
A. Well, the whole evolution of the payments market in the UK through the 90s into the 2000s to today. So let me give you a few examples.
Back when I joined Natwest, there were really only five major players in the credit card market. They were the five big retail banks, many of whom are still here today. But in the late 90 s , a number of new entrants came to this market. Two were American, Capital One and MBNA. This was on the back of the economic growth and prosperity this country was witnessing or experiencing.
Q. I remember it well.
A. Good. And those two particular issues, by way of example, introduced a number of things to the card market that hereto at that point hadn't existed.

One is they used analytics to help them understand the marketplace on which they were operating, and therefore they were able to advance or offer credit cards to a wider range of consumers than traditionally the high street banks had.

Secondly they introducedthe concept of balance transfers; so enabling consumers across all socio-economic categories to take advantage of borrowing at lower rates. And that had a number of consequences for the market: it increased, clearly, the costs to
issuers who had to -- particularly those five high street issuers I talked about, who had to respond and compete.
Q. You mentioned this in your statement.
A. In my statement, yes.
Q. Why did that lead to more premium cards? So you have got the monolines coming in, more competition, as you say. Why? Is it because people needed to segment their offering? What was it that led to more premium cards? You said there were a number of factors?
A. Yes, competition.
Q. It is competition?
A. Absolutely. Competition amongst issuers drove product differentiation and innovation, which in turn brought to the market better value propositions for consumers, cardholders. Also, in my view, brought benefits to merchants based on the propositions those cardholders had and the ability that those cardholders had to buy goods and services as well as take advantage of the interest-free periods those cards gave consumers.

So that competition andthe resultant new entrants that came into the market, I have given a number of examples of that, coupled with the fact that then there was another segment of offering that came into the market, co-brands, co-brand cards, which were issuers

## 11

typically partnering with a merchant or a retailer, and those cards offered rewards in loyalty. Examples of those were Sainsbury's cards, Tesco cards, M\&S and JLP.

Therefore, rewards became a more common feature of cards. And consequently issuers had to respond and networks or schemes in turn had to respond to ensure that they could remain competitive and compete for business, and those issuers could compete for consumers.
Q. So if I could just kind of roll that up. It is no problem, but it is quite a long answer. The effect of your evidence is, as I understand it, that competition between issuers has led to greater premium cards?
A. Yes.
Q. And that has in turn led to higher interchange fees to
pay for the premium cards?
A. So competition has led to --
Q. You can go on, but could you just --
A. Sorry, could you repeat that point?
Q. It means that higher interchange fees have essentially paid for the competition between issuers?
A. You --
Q. Okay. Your evidence is that competition has led to higher premium cards, a greater number of premium cards. If we could just go to E3.13, I will try and help, tab 250. Let's see if we can just do this in stages.
A. Yes.Q. Have you got there?
A. Yes.Q. From that answer that you just gave, what I got from itwas that more competition -- and if you could just givea kind of yes or no; obviously you can qualify it, butif you can give me a short answer -- more competitionbetween issuers has led to more premium cards?
A. Yes.
Q. And with more premium cards, that has led to higher
interchange fees?
A. Yes.
Q. Which means logically that if more competition has led
to more premium cards and more premium cards has led to
higher interchange fees, it means that merchants, who
pay the higher interchange fees, have to a certain
extent subsidised the competition between the issuers?
It logically follows, I would suggest to you.
A. My perspective is --
Q. Can you --
MR HOSKINS: Let him answer, please.
A. My perspective would be that merchants or retailers
benefited from the issuance of those premium cards.
MR BREALEY: I will come onto the benefits in a moment.
That's your view. So do you accept or not accept
13
that merchants have, to a degree, subsidised the
competition between issuers?
A. I don't agree with that statement.
Q. And the reason you don't agree with that is because you
think that merchants benefit from premium cards?
A. The reason I don't agree with that statement is twofold.
Firstly, in an interchange system it is about
balancing the costs and the benefits between the two
parties in that four-party model.
Secondly, I think that merchants did benefit from
the growth of the credit card market, and included
within that is the premium card market, based on higher
ATVs and more transactions in store. Then when you take
into account the growth of e-commerce --
Q. Are we talking about premium cards at the moment?
A. I'm talking about credit cards in general.
Q. I specifically asked you, Mr Douglas -- we will get on
a lot better if you just -- I understand -- you have
given your witness statement and I'm trying to ask you
questions to work out answers that will assist the
Tribunal. So I was asking about the premium cards.
A. Yes.
Q. You didn't accept the proposition that merchants pay for
the competition between issuers on premium cards. You
said two reasons: One is it balances costs and
benefits. Is that regarding premium cards?
A. Yes.
Q. And the second, you said that merchants benefit from premium cards?
A. Yes.
Q. So the reason I wanted to take you to this document at E3.13 -- you have got tab 50, yes?
A. Tab 250 ?

MR JUSTICE BARLING: Mr Brealey, can you give me that reference again?
MR BREALEY: Yes, E3.13. We have new bundles, 3.12 and 3.13. This is confidential. (Pause)
If you want to read -- I understand this is
confidential -- 5349 and 5350.
Tab250. My Lord, is that sorted?
MR JUSTICE BARLING: Yes, thank you.
MR BREALEY: This is a MasterCard document. It relates to the UK and it relates to the premium model. I believe that's confidential.

Then, if you go to 5344, this is an overview of the feedback we have received to date. You see there "Merchants"?
A. I do.
Q. Then, if we go to 5349 where there's key themes, 5349, "Key themes".

15

Then you see two-thirds of the way down:
"Merchants typically accept ..."
Then "all because they have been"?
A. Yes.
Q. Then at the end:
"There is general ..."
A. Yes.
Q. "Typically feel the same", "cannibalising". Over the
page you get "selected insights". You see what Sainsbury's says:
"Only part of the supply chain ... can't
negotiate on."
Then if you go, for example, to one store that I would have thought would have agreed with what you were saying, you see at "luxury"?
A. Yes.
Q. That is MasterCard's own internal survey. If you can put that bundle away. We will be going to it in some detail later on, but if you could take bundle C1, tab 3. I just have to check whether -- no.

If you go to paragraph 18 ,this is in the context of the second point that you were making about benefits to merchants, 18.

This is David Brooks. He is the head of the finance operations at Sainsbury's Supermarkets.

He says:
"The theory that the premium cards spend more on their cards, but we have analysed this and found that the second half of financial year 2014/15, the average basket size for a standard MasterCard credit card was $£ 45.44$ compared with $£ 43.37$ for a Worldpay card."

Are you prepared to acceptthat there is a contrary view that merchants do not see the benefits of premium cards to compensate them for the high interchange fees, or higher interchange fees, reflected in premium cards?
A. Based on what Mr Brooks has said in his statement, then, there is clearly -- he has a point of view that that is not the case for Sainsbury's.
Q. If you take a small restaurant, I don't know if you are a football fan, take Tottenham, or you could take Islington, a small restaurant in Tottenham that does not want to accept Amex, but under the honour all cards rule has to accept the premium MasterCard, do you accept that that small restaurant can conceivably not receive any benefit from whether the chairman of a public limited company goes into that small restaurant that is Worldpay or the people who spend $£ 40$ on the terraces go into that small restaurant, but that small restaurant really doesn't see any additional benefit whatsoever?

Or if there is, could you tell the Tribunal what

## 17

it is?
A. On the bases that we are talking about individual merchants, then that is a difficult point for me to answer on the basis one merchant can be quite different to another and the type of customer that merchant attracts can be different.
Q. But would you accept that small restaurant -- I mean, I did ask you a direct question. You said there were benefits.
Let's just look at that small restaurant in
Tottenham. What benefit does that small restaurant get by accepting the Worldpay from the chairman of the public limited company as opposed to a person who saves up considerably to pay for his or her season ticket? What additional benefit does that small restaurant get?
A. Well, that small restaurant may get that individual buying food in his or her restaurant as opposed to in another, and the individual may choose to buy food in that restaurant using the World card based on the points -- the loyalty points or otherwise that they attract on that card. They may very well not choose to do that if loyalty or rewards wasn't a feature of that particular proposition. They may choose to use cash or other forms of payment.
Q. I will ask one more time: what are the benefits that that small restaurant gets? I ask you: what is the benefit that that small restaurant gets?
A. They get the trade of that individual using that card.
Q. You think that the individual uses that card in that small restaurant as opposed to a restaurant next door, and that's why that small restaurant gets the benefit?
A. The small restaurant gets the benefit of the card purchase. If your question is specifically on the basis of it being a World card would they have behaved any differently, then no, I don't think they would have.

## Q. Thank you.

If we go back to your statement at paragraph 4. The last sentence of paragraph 4:
"I ran a variety of marketing campaigns to encourage card usage to ensure that consumers were using the right products and to prompt customers to take advantage of beneficial interest rates."

Can you just explain to the Tribunal the sort of campaigns you undertook to persuade consumers to increase their card usage?
A. Of course. The campaigns that were typically run by me and my team in this particular role were campaigns to encourage customers to use credit cards to make purchases at retailers, rather than using other forms of

## 19

payment like cash, because there were benefits in doing so. There were benefits in the context of potentially loyalty points or discounts or promotions that we, MasterCard, had secured with that particular merchant or category of merchants.
We also promoted campaigns to -- for consumers using cards to purchase holidays or travel, or be part of various clubs, whether they are travel clubs, wine clubs. Again, taking advantage of the card that they had to take -- to get benefits that they wouldn't otherwise get or would find hard to get using another product with another issuer or, indeed, other forms of payment.

So essentially encouraging cardholders to use a very valuable card in their wallets to conduct, spend with merchants or to use it online with online merchants.
Q. I think it is probably common knowledge that banks are not there for charity or altruistic purposes; they are there to make money.

So what was the rationale behind Natwest encouraging the consumer to use the card thereby taking advantage of beneficial interest rates?
A. Well, there were a couple --
Q. What was the rationale?
A. The rationale, of course, was we would rather -- in this

1
particular instance when I worked with Natwest, we would rather they use our card than somebody else's credit card, because, as I alluded elsewhere in the statement, it was a very competitive marketplace and consequently there were many organisations soliciting the business of that particular cardholder or consumer.
t was incumbent upon Natwest, including the team, including me that worked for $i t$, to give reasons for the cardholder to choose a Natwest card rather than a Lloyds card, for example, recognising that some consumers don't borrow on cards, so consequently they are looking for value in different ways. And I gave you I think a number of examples of that kind of value relating to spend. But also recognising that some consumers need to borrow or would like to borrow if the rates are competitive or preferential.
So one of the great benefits of a card is that the consumer or the cardholder gets an interest-free period at the end of any given month by which they can choose either to repay the balance in full and pay no interest, or alternatively, to repay some of the balance and in doing so incur some interest, giving them flexibility and an ability to manage their cash flow.
So that was the second half of my statement in that we offered balance transfer rates, we offered
competitive rates for purchases for limited periods, again giving customers thatchoice and the flexibility of getting benefits relating to borrowing, if they so choose, or alternatively benefits to use the card getting better deals, better discounts, better offers.
Q. As a matter of revenue, because we know banks are geared to obtaining revenue, to the bank, the interest payment that would be incurred on the card was extremely important?
A. Yes. But can I qualify that?
Q. Of course you can.
A. So I agree with your statement. For banks issuing credit cards then clearly interest income, as we defined it in our business, was an important source of revenue from a card.

But, however, there are many different types of cardholders. Some never borrowed on a credit card, or were never going to borrow on a credit card, and consequently we had, as an issuer, a need to ensure that we generated a reasonable profit to cover the cost of issuing that card. Therefore, interchange was an important component of that revenue mix.
Q. We have seen figures, and we may come to it a bit later on, where the revenue from interest payments far exceeds the revenue from interchange fees. Would you accept
that?
A. Yes, the revenue from interest income far exceeds.
Q. You say in your witness statement that Natwest was acquired by RBS in the year 2000, and in March 2000 you became head of product development for consumer credit cards.
Can you just briefly tell the Tribunal what did that involve? What was your role as head of product development for consumer credit cards?
A. So after Natwest was acquired by RBS, then a significant restructuring of the business took place. The role that I assumed as a result of that restructure was looking after the consumer card portfolio. So that was the Natwest branded cards, RBS branded cards, and then there was a third brand called RBS Advanta, which was a direct monoline brand.
My job there was to manage the product propositions, ensure they remained relevant in the marketplace, if necessary bring new products to the marketplace so that Natwest or RBS as an issuer can compete in the marketplace for its customers' business, recognising at that time there were a lot of new players, new entrants in the credit card market, and it was highly competitive.
So in essence that was my role.

## 23

Q. At paragraph 6 you say that during your time at RBS, Natwest issued MasterCard, Visa and Amex cards. Is it true that your employer, let me put it that way, was issuing, at one time at least, all three cards: Amex, Visa and MasterCard?
A. Natwest certainly was at one time issuing all three brands.
Q. Was that more common in the old days, or does that still apply now that one bank will issue MasterCard and Visa?
A. If your question is just about those two brands, then yes, most issuers in my experience would be issuing MasterCard and Visa. But not exclusively, of course.
Q. Is it the case that sometimes the credit card, whether it be Visa or MasterCard, try and enter into exclusive deals with banks?
A. As networks, yes, of course.
Q. How common is that?
A. The networks or the payment schemes are competing for issuers' businesses, and they have a number of bases on which to compete for that. What typically a payment scheme would seek in return for obviously the benefits it is giving the issuer is a form of either exclusivity or a minimum share of the cards that they issue, or a minimum volume that comes with the cards that are issued under that brand.

1

So there is a variety of different mechanisms. And
clearly, the issuer has a degree of power in that negotiation because Visa and then latterly, in the 3 2000 s, Amex competed heavily for issuers' businesses. 4

So, yes, depending how the negotiation went, then 5
there was a variety of different ways in which 6
commitments could be secured.
Q. The issuer would typically obtain more revenue for 8
itself if it agreed to exclusivity?
A. Potentially, yes.
Q. And that would be funded again by interchange fees?
A. So interchange and other financial incentives absolutely
was part of the value proposition, if you like,
apayment scheme would offer an issuer.
Q. Why did RBS/Natwest drop Amex at that points? Why did Amex go?
A. I can't -- I didn't have responsibility for that portfolio when I was at Natwest so I can't give you specific reasons or specifically recall why, but I'm anticipating back in whatever it was, 1999 , that the product, for whatever reason, wasn't performing in the way that both parties anticipated. But that's a guess from my part.
Q. You say it stopped issuing Amex. I just wondered why --
A. Yes.

MR JUSTICE BARLING: Sorry, Mr Brealey, can I just clarify onething. I wrote down an answer.
You said "Most issuers still issue both MasterCard and Visa". Then you went on to talk about exclusive deals in answer to Mr Brealey. But I got the impression that -- are you saying that you are not normally successful in getting exclusive deals because most issuers will still want to go with both?
A. That has become rare. Yes, to your answer.

MR JUSTICE BARLING: Exclusive deals are rare?
A. Are becoming harder to, in my experience, get. In the UK market, which I think goes to your point, a large number of issuers issue both Visa debit cards and obviously Visa credit cards, and a lot of issuers issue MasterCard credit cards.
MR JUSTICE BARLING: As well as Visa credit and debit cards?
A. Yes.

MR JUSTICE BARLING: Right. So it is less common to have an exclusive deal?
A. Yes.

MR JUSTICE BARLING: Thank you.
Sorry, Mr Brealey.
MR BREALEY: No, that's fine.
Jumping ahead to paragraph 7 of your witness
statement, you were appointed head of customer
management RBS consumer cards business. Then you say, essentially, you were appointed to drive revenue growth to promote card offers and rewards and encourage consumer spending on payment cards.

Obviously, you have leaflets to publicise credit cards. How do you actually encourage spending on credit cards? You are saying that your task was to encourage consumer spending on payment cards. How do you actually encourage spending on payment cards?
A. So the most common way of doing that was to formulate campaigns that would either be communicated through direct mail or by statement or, obviously, as the noughties went on, by email to cardholders. And those campaigns were encouraging, were providing offers. A little like I discussed earlier on, either an opportunity to get a discount by buying goods or services from a particular retailer, or encouraging consumers to spend on a card by offering them bonus or more loyalty or reward points, or, you know, occasionally using third party arrangements with wine clubs or travel clubs to encourage consumers to use their card. Bearing in mind that most cardholders would have at least two credit cards in their wallet at that point.

So as an employee of RBS, I was bearing in mind that

## 27

that consumer had a choice to use whatever card was right for them to make that purchase. That was my principal role: to ensure that, if you like, the Natwest or the RBS card was top of mind when the consumer pulled that card out of his or her wallet to buy something.
Q. Ithink it is also correct -- we have seen this from the document -- that consumers who hold an Amex card will invariably have either a Visa or a MasterCard as well?
A. Yes.
Q. So that was how you were encouraging payment on cards.

If we go toparagraph 19 , we get to the point in
time of the monolines to which you referred to earlier on.
So 19:
"The credit card market grew substantially during this period of sustained economic growth, proliferation of consumer credit and in particular unsecured personal lending."
Again, you say that this put greater emphasis on the need for interchange revenues.
This was the mid-2000s. Was this now one of the ways that the issuers were competing, giving unsecured credit?
A. Yes, by "unsecured credit" I was referring to the credit line that is attached to a credit card, which typically
isn't secured. There were some propositions -- few, but
some -- in the marketplace that were secured against anindividual's or a consumer's bank accounts, but thevast, vast majority of credit cards had a credit limit, and --
Q. So the credit limit just went up, did it?
A. So credit limits, yes. I mean, part of any bank strategy is to ensure that the appropriate credit line is allocated to a cardholder, and consequently those limits could go up, as they did, or in some cases go down.
Q. And what safeguards did you undertake at Natwest/RBS when offering these higher credit limits? What safeguards? Did you, for example, give information on the cost of borrowing? Publish the APR, for example?
A. Absolutely, yes. Both on statements, which cardholders receive clearly on a monthly basis, as well as documents that they were given at the time they opened the card account. And if memory serves me correctly, I think there was an obligation to send that information to them on an annual basis.
Whenever a new offer was made, particularly one that related to an interest rate, then there was a full disclosure of the terms that related to that offer.
Q. Did Natwest undertake a credit assessment? Was there

So theybrought that knowledge and experience that they deployed in the US market for many years to the UK and applied it in an appropriate but no doubt similar way where they could to this market. So they were able and had more sophistication in terms of the ability to do credit assessments and to target more successfully consumers, giving them a credit card that perhaps they wouldn't have otherwise got from one of the big high street retailer banks in the UK.

Some of those clearlyturned out to be bad choices, but on the whole those businesses were able to allocate -- to target and allocate an appropriate credit card proposition for those two segments of the UK population which probably were more underserved than most.
Q. You say that some of them were bad choices, I think was your words. Was it the result of those bad choices that led to what you describe in 19.1, "higher cardholder default"?
A. No. The way I would -- no, the answer to that is no. I think they were very good at what they did and consequently, as in any business, you don't get all of your decisions correct. And clearly with any credit underwriting policy, you factor in what your bad rate or your default rate is going to be. So I'm pretty sure

## 31

that -- although I can't -- I don't have evidence in front of me or knowledge at this point as to how they performed against the default rates they expected, but I think they did a very good job in the marketplace given the experience and expertise they had.
Q. I'm just trying to see what your evidence is. You do seem to be posing a link between targeting the less affluent cardholders and the higher cardholder default. There is a link?
A. No, there is. Sorry, if I didn't make myself clear there, that was not my intention. What I was saying, or what I meant to say was the default rates under which those businesses were operating were typically higher than what the high street banks would have operated on.

So, in that sense, that was known, but they clearly were operating a business model based on their experience to enable them to operate in that domain. Yes, default rates went up. I agree with what you have said and that's what's in my statement. But the point I was trying to make was that default rate, albeit higher than what was typically seen in the market, was probably, and I say probably, around what they were operating or planning to.
Q. To be fair, you make the same point, if you want to just double check, at 56.2 of your witness statement.

```
A. Yes.
Q. Where you say:
        "MBNA and Capital One also brought a highly
    analytical approach to the credit decision process,
    which enabled them to build out their business in the
    less affluent sector. Another example of this was RBS
    Advanta joint venture."
        I just pause there.
        You were in charge ofthat at one point,
        weren't you?
        A. In terms of product development I was.
        Q. You were in charge of the monoline?
        A. Yes.
        Q. Reading again:
        "Another example of this was the RBS Advanta joint
        venture ...(Reading to the words)... The inevitable
        result of this widening of credit card access to the
        less affluent sector has been an increase in cardholder
        default rates which has resulted in increased costs for
        issuers."
        Just pausing there. Could you just expand a little
        on why you say it was the inevitable result?
        A. Well, essentially, I think my comment there touching
        upon what I said in your previous question, is clearly
        when you look to target consumers in different segments,
```

and in this case a lower socio-economic group, then you will get some of your decisions correct and some of your decisions will be wrong. So you will end up, as I have stated here, with higher default rates.

The basis on which the issuer finds that acceptable is based on their business model, what they anticipated etc. It was inevitable that there was going to be an increase in cardholder default rates on the basis of offering different credit to different segments of the population.
Q. In 56.2 you refer to this credit decision process. To this credit decision process.

As I understand it from what you are saying,
the risk of default would put a check on any lender's decision to lend. If I can put it another way, the risk of default puts a check on the lender's decision to lend. Do you accept that?

I would imagine that's --
A. Absolutely. And to qualify that I would say they were using statistical models and algorithms and other bases, the credit underwriters, to understand, as you look at a population of cardholders as a whole, what the likely default rate could be and, consequently, what the costs to the issuer would be.
Q. It is in the lender's interest to a certain extent that
the cardholder doesn't default?
A. Absolutely, yes.
Q. So on that basis, you would also accept, I would imagine, that if the risk of default is passed to a third party, not the lender but to a third party, there is a greater risk that the lender will lend more money than it would otherwise have done if it was assuming the risk?
A. Can I ask you what you mean by a third party?
Q. Okay. So you have a situation where the lender is lending money and is making what you call the credit decision process.
A. Yes.
Q. In that credit decision process it is working out whether the cardholder is going to default, correct? And on that basis it will decide whether to lend money or not.

If, hypothetically, thelender now knows that someone else will pay in respect of the cardholder's default, it inevitably follows that the lender will lend more money than it would otherwise have done because it doesn't bear the risk of default.
A. I'm not sure I agree with what you are saying, if I understand what you are saying correctly --
Q. No, no, I understand.

## 35

A. In my experience, as an issuer, and working with colleagues who are creditunderwriters, then we never intentionally lent money or issued a card to a consumer whom we felt wasn't going to be able to repay their debts --
Q. Pause there, sorry. You mentioned the word "intentionally". Let's assume it is a bad choice. It is a bad choice because the lender has just got it wrong. It has got the default risk wrong.
A. Okay.
Q. If a third party is picking up the tab for that poor choice, I would suggest to you that the lender is liable to make more bad choices.
A. Okay. I'm not aware of any third party who would take on the debt, the bad debt of a business, without clearly having some incentive or premium to do so. And if that were the case -- and again, I'm drawing out your point here -- then that would mean that the issuer or the primary lender would suffer some form of loss in that process which would not be good for them.
Q. When you say you are not aware of any third party, really what I'm putting to you is that in the scenario that you have in the first several pages of your witness statement, clearly the merchant is a third party and the merchant is, to a certain extent under the Visa and
MasterCard schemes, bearing the cost of the cardholder's default, correct?
A. I think one of the factors in determining what the interchange rate is, is losses, yes. But that is the limit of my knowledge.
Q. And the merchant has no visibility about Capital One's decision process, whether or not to lend money on a credit card to a cardholder who may not be able to afford to pay it off, correct? The merchant simply doesn't have any visibility of that decision-making process, correct?
A. Correct. But if I was to qualify that, I would say that the merchant does know that they receive a payment guarantee. So on that basis, if the card is used at that merchant, that transaction is authorised and that merchant will receive the value of the purchase from the issuer, even if the issuer is unable to get the cardholder for whatever reason to repay the balance on his or her credit card.
Q. What I'm suggesting to you, Mr Douglas, is that the effect of all this is that by imposing a cost on the merchant of the default risk, there is a risk of issuers making bad choices about lending money on credit cards. Do you accept that?
A. There is -- well -- what I would say in response --

Iknow you're asking me a direct question and I will answer it, but an organisation like RBS or Natwest has aresponsibility to its shareholders, and that is to make prudent decisions based on the information known at the time that they make that decision.
So my difficulty with your statement is that you are implying that an organisation like RBS is doing something that is not prudent relative to its obligations to its shareholders. And I don't believe, certainly from my time working there, that that was the case. RBS essentially had to compete in the marketplace and did so to the best of its ability based on the options and the practices that were present at that point in time.
Q. That's RBS. What about the monoline? If the monolines are advancing unsecured credit to people with a higher risk of default knowing that merchants are going to contribute to that default if the cardholder fails, do you notaccept that with the monolines targeting this less affluent market, it would put a break on the monolines' credit decision process?
A. Well, the monoline, you know, the interchange mechanism is there to ensure there's an appropriate balance to cost and revenues. So in that scenario with the monolines, as I understand it, the monoline would be
taking a far bigger financial loss based on default of the cardholder than the merchant based on the fact that the merchant would have received a payment guarantee in order to, you know, accept that card as a form of payment for the goods or services.
Yes, they are paying interchange, but that interchange is probably a much smaller proportion of the overall loss to the monoline. So in that sense, the interchange there is, I think, allocating the risk appropriately.
Q. You talk about re-allocating the risk, why don't the schemes reallocate the benefits? We know that, as you have accepted, interest payments far outweigh interchange fees. Why is it that in this two-sided platform or two-sided market, whatever you want to call it, that the schemes, both Visa and MasterCard, do not factor in the substantial amounts of revenue that issuers earn on the credit cards?
A. I don't know the answer to that question, in part because -- or in large part because I was not involved in calculating or setting interchange rates. That was done by a separate team in MasterCard, so I can't answer that question specifically for you.
MR BREALEY: My Lord, I'm moving on to another topic. I don't know whether it is a convenient time?

## 39

MR JUSTICE BARLING: Yes, I am sure the transcript writers would appreciate a short break.
(11.36 am)
(A short break)
(11.43 am)

MR BREALEY: Mr Douglas, in September 2010 you became MasterCard's UK group general manager. Have I got that right?
A. Yes. That was the timeframe.
Q. As the MasterCard UK group general manager, were you aware of the litigation commenced in the UK by various retailers against MasterCard?
A. In 2010 ?
Q. Well, it started in 2012. As MasterCard's UK group general manager, did you become -- maybe I should say aware of the litigation?
A. I did in 2012.
Q. And also against Visa?
A. Yes.
Q. On 5th May 2013, I understand you gave an interview with the Daily Telegraph, do you remember that interview, saying that retailers did not pass on any of the interchange fees and higher prices?
A. I don't remember that specific interview, but I know I did a number of interviews at that time.

| Q. If you can go to E5.4, at tab 55A, which is at the | 1 |
| :--- | ---: |
| bottom right-hand side, 1392A.1. | 2 |
| A. Yes. | 3 |
| Q. At the bottom of 1392A.1, you see an email from -- is | 4 |
| that Shawn Miles? No, no, from James Harborne. | 5 |
| A. From James to Shawn, yes. | 6 |
| Q. "Shawn, I thought you might want to see what has just | 7 |
| gone out under embargo to the 17 national journalists we | 8 |
| have briefed on interchange regulation. | 9 |
| "This document is the executive summary of the | 10 |
| Europe Economics report." | 11 |
| Do you remember that? | 12 |
| A. I do. | 13 |
| Q. And: | 14 |
| "At least three journalists have said they will | 15 |
| write about the modelled impact." | 16 |
| It goes on: BBCRadio 4, Sky News, even | 17 |
| Jeff Randall's slot. | 18 |
| So at this point I think you personally, as you have | 19 |
| just accepted, publicising the fact that there was zero | 20 |
| pass-on of the interchange fees? | 21 |
| You nodded, but -- | 22 |
| A. Sorry, yes, absolutely. I did a number of interviews, | 23 |
| and as an employee of MasterCard part of my job was to | 24 |
| conduct media interviews and to do lobbying on behalf of | 25 |

Q. If you can go to E5.4, at tab 55 A , which is at the 1
2

MasterCard. And at that time a number of the statements made by MasterCard included that point that you referenced.
Q. Because this was an official MasterCard statement.

I mean, whether it is your own personal view --
A. Yes, it was an official MasterCard statement.
Q. -- it was an official MasterCard statement you have accepted?
A. Yes.
Q. At tab 54, if you go back, that is the report of Europe Economics.
A. Yes.
Q. You are aware of any other firm of economists that MasterCard instructed at this time to deal with the question of pass-on? NERA, for example? There are references in the bundles to NERA?
A. I can't recall. I certainly remember this report, Europe Economics.
Q. If you go to 1341 , the executive summary, the headline "Findings and impacts for the UK if interchange fee regulation is introduced".

## It says:

"In Spain andAustralia, the regulation of interchange fees (IFs) resulted in a transfer of costs from retailers to consumers. Retailers' costs fell as
they paid lower ...(Reading to the words)... was not passed on to consumers inthe form of lower retail prices. Consumers ended up paying higher cardholder fees and interest charges as issuers sought to make up for the reduced revenues from IFs."

Is that the message that you were giving publicly in 2013?
A. Yes, the primary message I was driving was the impact on consumers as a result of regulation on interchange, and that ultimately meant that they would pay higher costs for that outcome, whether that was --

## MR JUSTICE BARLING: Higher costs?

A. Yes, whether that meant they were paying a card fee or a bigger card fee, or they were earning less reward points than they previously had, or they had a shorter interest-free period than they previously had. That was the key message that I was driving.
MR BREALEY: And the key message you were driving was that was going to occur because there was no pass-on --
A. Yes, I had no evidence one way or the other to suggest whether those costs were being -- those interchange costs were being transferred to consumers in the form of higher prices or not. But yes --
Q. You say you have no evidence. The evidence you were relying on, with respect, was Spain and Australia.
A. Yes, but I had not seen any specific numbers to suggest that. Albeit the executive summary says, in this particular report, says that.
Q. I mean, the report is here. Can you remember reading this report or did you just read the executive summary?
A. I don't remember reading the report, but I certainly read the key outputs from it.
Q. Right.
A. Which are contained in the executive summary.
Q. It is a question that I have to ask you, you may not know the answer: but 2013, this was the public message by MasterCard, "No pass-on".

Are you able to assist the Tribunal as to how it came about that MasterCard swore a statement of truth in its defence in 2013 saying there was full pass-on?
A. No, I'm not able to help on this.
Q. You can put that bundle E5.4 away. If you go, please, to paragraph 61 and 62 of your witness statement.
A. Yes.
Q. This is in the context of a low or zero level of interchange fee, and I'm interested in what you say at paragraph 62.1, where you say that in a low interchange fee environment, I think you say -- I will read it.
I do not think this is confidential:
"It is inevitable that UK issuers of MasterCard

1

credit and debit cards would have done one of the following if we had moved to low or zero interchange fees without doing anything to replace issuer revenues."

## Then at 62.1:

"Moved their entire premium credit card portfolios to Amex."

So that is your evidence.
Are you sure that you don't want to qualify that statement when you say they would move their entire premium credit card portfolios to Amex?
A. So my basis for making that statement was what happened to MasterCard in the debit market in the UK in and around the same period, where Visa had a higher debit interchange rate than the equivalent MasterCard product at the time, which is called UK domestic Maestro.
Q. I hate to stop you, but we will undoubtedly come to the Maestro story. Could we just concentrate on the Amex. Obviously I don't want to cut you on your evidence, but we will come to Maestro.
A. No, I understand. My simple basis for referencing that is what happened to MasterCard when it was in a lower interchange environment.
Q. So the basis for saying that issuers would move their entire premium credit card portfolio to Amex is simply, essentially, premised on the Maestro story; is that

## correct?

A. That, and obviously what Amex were doing in a number of discussions with a number of my customers -- RBS, Lloyds, MBNA -- with their GNS proposition. So they were two key reasons for me making that point.
Q. We are going to be looking at E3.12 and E3.13 in some detail. Could we go to E3. 13 first, please, and go to tab 252 , which is at the back, towards the back, page 5381 .
We have seen documents reflecting what I'm about to say, but this is as good a place as any. Now, this is in the context of what you fear Amex will do in an environment of low interchange fees. Could you just clarify to the Tribunal what actually you mean by "low"? Is it $0.2,0.3$ ? What would low be?
A. Well, low would be zero or a rate that was --
Q. You make a distinction in your statement between zero and low. So zero --
A. So low for me -- yes, at the end of the day, given what we witnessed with the Lloyds Duo product, then 60/70 basis points differential, you know, could have been that trigger to move the business to Amex.
Q. Irefer you to -- this is the website from the CMA. So on that basis can you explain to me, and if you go over the page, at 5382 you see there, ahead of the
interchange fee regulation, ahead of that, the CMA is pleased to note that MasterCard has decided to reduce the interchange fees applicable to its premium cards down to the level of its standard credit card fees on or before 1st April 2015.

Have you got the page?
A. 5382, yes.
Q. So it is the --
A. I have it now, thank you.
Q. "Ahead of that, the CMA is pleased to note that MasterCard has decided to reduce the interchange fees applicable to its premium cards down to the level of its standard credit card fees on or before 1st April 2015 regardless of whether the interchange fees regulation is adopted."

In other words, you are bringing down the premium card rates to the level of the standard rates.

And I explored with Mr Scott Abrahams how, in 2014, you were going to bring the premium rates down even further. If you were so worried about this difference between Amex, why on earth did you bring the premium cards rates down before you were even obliged to?
A. I have no line of sight as to why that decision was made as at that point I was not working in the UK and Ireland business, I was working in the US business.

## 47

Q. So you can't assist the Tribunal as to whether MasterCard, having reduced the rates, Amex has been extremely nervous and is bringing down its own rates?
A. I can't, on the basis that I wasn't involved in that, nor am I living and operating in this market now.
Q. No. Okay.

Can you go to bundle E2.3, because I want to put what you say in 62.1 in context. This is the Commission's decision. The decision is in various places. Forgive me, I forget where they are all. If you go to page 1178.
MR JUSTICE BARLING: I don't think so.
MR BREALEY: Whoever has the Commission's decision, it is paragraph 636.

It is in 2.2, is it? Sorry. (Pause)
I will have to sort my bundles out. So E2.2,
page 1178. So this is the Commission's decision of
2007. Have you ever seen the Commission's decision?
A. I haven't, no.
Q. So you have never read paragraph 636, obviously?
A. I haven't.
Q. You have not seen the decision. But the reason I take you to this is because it does refer to the Australian experience, and having seen the report by Europe Economics, I took it that you might be aware of the

Australian experience, MasterCard and Amex. Were you aware of the Australian experience?
A. I was aware in broad terms.
Q. Okay. Well, in broad terms let's just have a look at 636. This is in the context of a similar argument that you are making really in 62.1 , and it is frequently called the death spiral argument.
If we just look at 636:
"The decrease of interchange fees for MasterCard and Visa credit cards in Australia was followed by a sharp decrease of the merchant fees in both schemes.
"The fees of the both schemes of American Express and of Diners Club were not regulated by RBA, but their merchant fees also increased, even though in a less pronounced manner. As American Express ...(Reading to the words)... merchants fees, this drop of American Express and Diners Club also constrained their possibility to attract cardholders at the expense of MasterCard and Visa.
"The combined market share of American Express and Diners Club in Australia therefore increased only slightly from $15 \%$ to $17 \%$ and then remained stable. The development of MasterCard's market share and the continuing growth of its sales values disproves MasterCard's argument that a reduction of interchange
fees could lead to a death spiral as MasterCard's members' banks would be motivated to evolve towards three-party schemes."
Now, that is the Australian experience.
When you made this statement, were you aware of how
Amex had responded by lowering its fees, MasterCard had reduced its fees, Amex had reduced its fees? Were you aware of that?
A. As I say, I was aware in very broad terms of what happened in Australia. As I -- obviously, I was very well aware of the threat of Amex, as you have heard me previously state. Albeit MasterCard did take action to protect its -- to remain competitive by introducing the World card into the UK market in 2007/2008, if my memory serves me correctly, which I think helped MasterCard compete and consequently, you know, offered an alternative to issuers.
Q. Let's look at another document and then we will probably finish this. If you can go to E3.13, I don't know if you have still got it with you? You can put that Commission decision away.

Now, you may have seen this document because you were a member of MasterCard's UK and Ireland executive management team from 2009 to 2014, and this is dated 2nd November 2012.
A. Sorry, could you just tell me which tab?
Q. Tab 249, I do apologise. E3.13. Is this confidential?
(Pause)
ButI can identify the document. It relates to UK premium.
A. Okay. Can you give me the page reference just to make sure I'm 100\%?
Q. Yes. If we can go to 5318 .
A. Okay.
Q. If you read the first two lines.
A. Yes.
Q. Are you aware that Lloyds Duo basically has a very small market share, Lloyds Duo? If you look at the figures.
A. I have seen the MasterCard side of those figures, yes.
Q. So you agree that it is a fairly small market share?
A. It is a small market share, yes.
Q. Then, you see -- I mean, it is difficult in open court forme to read this out and put it to you, so I'm going to ask you to look at the words and then see whether you agree, or you accept what is said by MasterCard.

## You see:

"In the UK Amex's ..."
You see the third?
A. Yes.
Q. Does that somehow chime with or reflect your experience?

## 51

A. Yes, although what I would add is the first bullet point under that heading is important, given that's where Amex was investing a lot of its time to agree its acceptance footprint to make, you know, their brand more valuable to issuers and to consumers alike.
Q. So before we get onto the bottom of this page, if you go over the page, I think it is not a confidential fact that MasterCard has a significant acceptant advantage over Amex. I think that's correct, isn't it? That is one of the main selling points?
A. It does, but that varies by merchant categories. That was the point I was trying to make previously.
Q. Okay. You see there the relative acceptance --
A. Yes --
Q. -- by category.

Then going back to page 5318, in open court, so it is not a -- it was said by one of the witnesses that the Lloyds Duo was complex. Would you accept that the Lloyds Duo has been disappointing to Amex? If I refer you to what is said at the bottom of page 5318.
A. I'm not a $100 \%$ sure what Amex's goals were, and therefore objectives in terms of the spend they hoped to see on the Amex cards. But if -- I will be purely speculating here -- if that's based on volume share shift, then I am sure they are a little disappointed,

2
yes.Q. Just so you know, Ms Hannah Bernard, who had been partof Sainsbury's Bank, who gave evidence last week said tothe Tribunal that the Lloyds Duo had not been reallya success due to the complexity of it; customers didn'treally understand the dual nature of it.
A. Right.
Q. You agree with that?
A. No, I agree. The product, on the very basis that it was two cards, was -- on that fact alone -- a more complex proposition for the consumer, yes.
Q. If you go to 5325 , again is there anything -- well, are you aware of ever seeing this? I start --
A. Yes, I have seen this document.
Q. You have seen this document, thank you.
Having seen this document, I mean this is an internal MasterCard --

## A. Yes.

Q. Is this what the perception was within MasterCard at the time when you read this?
A. Yes, I think we were surprised that the proposition hadn't been more successful than it was.
Q. Then, again, the reason that I referred you to the Commission's decision, if you go to 5363, here again is MasterCard internally. 5363. Sorry, mine is

## 53

handwritten. It is 5363, is it? Sorry, I beg your pardon, it is 5563.
A. 5563 .

MR JUSTICE BARLING: Is it 5536?
MR BREALEY: Yes.
MR JUSTICE BARLING: 5536?
MR BREALEY: To give me my due -- that is a 63? Yes. It is 5336.

Does it say "in Australia"? (Pause)
These were done over the weekend. I do apologise. 5363, tab 250. 5363. 5363.

The reason I want to take you to these documents, these are internal MasterCard documents. We have seen what the European Commission has said publicly and I asked you at the beginning of this line of questioning whether you wanted to qualify paragraph 62.1, where you say that:
"In a low interchange fee environment," which is what I understand all this is about, that you want to qualify the "move their entire premium credit card portfolios to Amex". It is not realistic, is it?
A. I stand by my statement. My basis for making it was, in a highly competitive market like the UK, which had evolved quite dramatically through the noughties, for want of a better description, given new entrants, given
product innovation, given product development, issuers were heavily vested in the propositions they had put into the marketplace and were competing very aggressively to do so.

So in an environment where MasterCard would have been operating at a disadvantage, whether that was zero or low interchange, and Amex was not, then my view was that an issuer would look at alternatives to sustain the value proposition that they were competing with others on in the marketplace before they would take any action with regards to reducing the benefits or otherwise that the cardholders received on their value proposition.

You askedme earlier what is a low rate or a differential? 60-70 basis points was quite substantial and, in my view, would give an issuer a very significant reason to think about the long-term viability of that proposition and what was the best thing for his or her business.

In the UK, as you discussed earlier, most issuers issued both Visa and MasterCard. In other words, they had familiarity and processes to cope with two networks. I'm not saying technically standing up Amex is easy, I'm not saying that for one minute, but they had the knowledge and wherewithal to do that. And some intelligence that we got through discussions with RBS

## 55

indicated that they were actually building an Amex platform to support such a proposition.

So just that highly competitive nature of the marketplace, given how vested issuers were and how they were competing with each other, I think, and I stood by that view, in a premium marketplace where Visa, based on their actions at that point and MasterCard being forced at a low or zero rate, would have lost a significant if not all of its premium portfolios over time.
Q. Is that your personal view or MasterCard's view?
A. That is my personal view, living and breathing and operating in the marketplace as I was at that point in time talking to the very same issuers who made some of these decisions.
Q. I appreciate it is your personal view, but you have just established that MasterCard did, in the autumn of 2014, announce that it was reducing its premium rates?
A. Yes.
Q. We are almost, whatever it is, a year and a half on from that. That Doomsday scenario or death spiral, to coin the phrase, has not materialised, has it?
A. It hasn't, no.
Q. If we could put E3.13 away and go to E3.12. We are going to, unfortunately, go through a lot of these documents, and the first one is at tab 206. I will just

| give you some of the documents just to give you a few | 1 |
| :--- | ---: |
| moments. | 2 |
| A. Okay. | 3 |
| Q. Before I do, can I just check with Mr Hoskins -- I'm not | 4 |
| sure how much of this has been blued. | 5 |
| (Pause) | 6 |
| Tab 206. Everything has been blued, has it? | 7 |
| MR HOSKINS: From 206, yes. | 8 |
| MR JUSTICE BARLING: Looking at the documents you want to | 9 |
| put to the witness, are we dealing with a lot of blue or | 10 |
| is it just this first document? | 11 |
| MR BREALEY: No, nearly all of them. Sir, I'm afraid if | 12 |
| MasterCard are going to insist -- I mean, this relates | 13 |
| to Maestro and I don't feel that I can properly ask | 14 |
| questions about this in the way that I have just tried | 15 |
| to just by asking the witness to read the document and | 16 |
| then -- | 17 |
| MR JUSTICE BARLING: Well, it is quite awkward to have to do | 18 |
| that, so -- | 19 |
| MR BREALEY: I do apologise. | 20 |
| MR JUSTICE BARLING: Mr Hoskins, you want to maintain the | 21 |
| confidentiality? | 22 |
| MR HOSKINS: We do, yes. I think also it is not fair -- it | 23 |
| is difficult for the witness as well -- | 24 |
| MR JUSTICE BARLING: No, I don't think it is very | 25 |

satisfactory, and having looked at the nature of the
documents, one can see why it is regarded as
confidential. So I'm afraid that means that we are
going to have to clear the court of anyone who is not in the confidentiality ring.
Now, the order which has been now brought up to
date, we need to take account of that. This is
MasterCard's confidential material. Give me a moment to
find the draft.
So that means, and I would ask the parties to check
that this is respected, those from Stewarts Law who have
given undertakings may remain. They are in the
confidentiality ring as far as this information is
concerned. Then there are Sainsbury's representatives
in other proceedings. No? (Pause)
They are not permitted to stay. That is right. I'm
sorry, those who are from Morgan Lewis \& Bockius I'm
afraid are not able to remain, and those who represent
the claimants in -- effectively their representatives
from Hausfeld LLP, they are able to remain because they
are now part of the confidentiality ring so far as the
defendant's confidential information is concerned. Is
that clear? I hope so.
Mr Hoskins, can your team just check because it is
your information, that as far as you can tell those who
remain are entitled to remain?
MR HOSKINS: I'm fine with this side of the room, but I don't know all the faces on the other side of the room, that's the problem.

Everyone sitting on my side of the room is fine.
MR JUSTICE BARLING: Good. So we will put the notice up.
MR HOSKINS: I think it is a bit like a wedding, with bride and groom
MR BREALEY: I'm sorry.
(12.26 pm)
(End of non-confidential session)
[REDACTED]

| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 61 |  | 63 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 62 |  | 64 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 65 |  | 67 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 66 |  | 68 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 69 |  | 71 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 70 |  | 72 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 73 |  | 75 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 74 |  | 76 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 77 |  | 79 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 78 |  | 80 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 81 |  | 83 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 82 |  | 84 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 85 |  | 87 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 86 |  | 88 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 89 |  | 91 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 90 |  | 92 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 93 |  | 95 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 94 |  | 96 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 97 |  | 99 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 98 |  | 100 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 101 |  | 103 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 102 |  | 104 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 105 |  | 107 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 106 |  | 108 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 109 |  | 111 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 110 |  | 112 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 113 |  | 115 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 114 |  | 116 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 117 |  | 119 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 118 |  | 120 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 121 |  | 123 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 122 |  | 124 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 125 |  | 127 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 126 |  | 128 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 129 |  | 131 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 130 |  | 132 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 133 |  | 135 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 134 |  | 136 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 137 |  | 139 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 138 |  | 140 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 141 |  | 143 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 142 |  | 144 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 145 |  | 147 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 146 |  | 148 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 149 |  | 151 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 150 |  | 152 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 153 |  | 155 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 154 |  | 156 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 157 |  | 159 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 158 |  | 160 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 161 |  | 163 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 162 |  | 164 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 165 |  | 167 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 166 |  | 168 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 169 |  | 171 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 170 |  | 172 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 173 |  | 175 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 174 |  | 176 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 177 |  | 179 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 178 |  | 180 |


| 1 | [REDACTED] | 1 | [REDACTED] |
| :---: | :---: | :---: | :---: |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 181 |  | 183 |
| 1 | [REDACTED] | 1 | [REDACTED] |
| 2 |  | 2 |  |
| 3 |  | 3 |  |
| 4 |  | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  |
| 7 |  | 7 |  |
| 8 |  | 8 |  |
| 9 |  | 9 |  |
| 10 |  | 10 |  |
| 11 |  | 11 |  |
| 12 |  | 12 |  |
| 13 |  | 13 |  |
| 14 |  | 14 |  |
| 15 |  | 15 |  |
| 16 |  | 16 |  |
| 17 |  | 17 |  |
| 18 |  | 18 |  |
| 19 |  | 19 |  |
| 20 |  | 20 |  |
| 21 |  | 21 |  |
| 22 |  | 22 |  |
| 23 |  | 23 |  |
| 24 |  | 24 |  |
| 25 |  | 25 |  |
|  | 182 |  | 184 |

```
1
2
3
4

\section*{[REDACTED]}

    5 (End of in camera session)
        (The court adjourned until 10.30 am
        on Tuesday, 9th February 2016)
            185
        INDEX
        (Non-confidential session) ......................... 1
        Housekeeping
\(\qquad\)1
MR KEITH ROBERT DOUGLAS (sworn) .....  5
Examination-in-chief by MR HOSKINS .....  5
Cross-examination by MR BREALEY .....  6
(End of non-confidential session) ..... 59

ability (6) 7:89:2 11:18 21:23 31:5 38:12
able (10) 4:21 10:18 31:4,11 36:4 37:8 44:13,16 58:18,20
Abrahams (1) 47:18 absolutely (6) 11:13 25:12 29:16 34:19 35:2 41:23
accept (17) 13:25,25 14:23 16:2 17:7,17 17:18,18 18:7 22:25 34:17 35:3 37:24 38:19 39:4 51:20 52:18
acceptable (1) \(34: 5\) acceptance (2) 52:3 52:13
acceptant (1) 52:8
accepted (3) \(39: 13\) 41:20 42:8
accepting (1) \(18: 12\)
access (2) 9:14 33:17
account (3) 14:14 29:19 58:7 accounts (1) 29:3 acquired (2) 23:4,10 action (2) 50:12 55:10
actions (1) 56:7
add (1) \(52: 1\)
addition (1) 9:22
additional (5) 8:15 9:4 9:13 17:24 18:15 adjourned (1) 185:6
adopted (1) 47:15
advance (1) 10:18
advancing (1) 38:16
Advanta (3) 23:15 33:7,15
advantage (7) 8:18 10:23 11:19 19:17 20:9,21 52:8
affluent (6) 30:16,20 32:8 33:6,18 38:20
afford (1) \(37: 9\)
afraid (3) 57:12 58:3 58:18
aggressively (1) \(55: 4\)
agree (11) 14:3,4,6 22:12 32:18 35:23 51:15,20 52:3 53:8 53:9
agreed (2) 16:14 25:9
ahead (4) 26:24 46:25 47:1,10
albeit (3) 32:20 44:2 50:12
algorithms (1) 34:20
alike (1) \(52: 5\)
allocate (2) 31:12,12
allocated (1) 29:9
allocating (1) 39:9
alluded (1) 21:3
alternative (1) 50:17
alternatively (2) 21:21 22:4
alternatives (1) 55:8
altruistic (1) 20:18
American (5) 10:9
49:12,15,16,20
Amex (29) 17:17 24:2 24:4 25:4,15,16,24 28:7 45:6,10,17,24 46:2,12,22 47:21 48:2 49:1 50:6,7,11 52:2,9,19,23 54:21 55:7,22 56:1
Amex's (2) 51:22
amounts (1) 39:17 analysed (1) 17:3 analytical (1) 33:4 analytics (2) \(10: 16\) 30:23
announce (1) 56:17
annual (1) 29:21 annualised (1) 8:2 answer (13) 12:10

13:4,7,21 18:4 26:2 26:5,9 31:20 38:2
39:19,22 44:11
answers (1) 14:20 anticipated (2) 25:22 34:7
anticipating (1) 25:20
anyway (1) 4:18
apologise (3) 51:2 54:10 57:20 apparent (1) 3:20 applicable (2) 47:3,12 application (3) 3:24 4:8,9
applied (1) \(31: 3\)
apply (1) 24:9 appointed (2) 26:25 27:2
appreciate (2) 40:2 56:15
approach (1) 33:4 appropriate (7) 4:6 29:8 30:5,8 31:3,12 38:23
appropriately (1) 39:10
APR (8) 7:18,19,20,21 7:25 8:1,2 29:15
April (2) 47:5,13
areas (1) 6:24 argument (3) 49:5,7 49:25
arrangements (1) 27:20
asked (5) 3:18 4:2 14:17 54:15 55:13
asking (3) 14:21 \(38: 1\) 57:16
assessment (2) 29:25 30:5
assessments (1) 31:6
assist (3) 14:20 44:13 48:1
assistance (1) 4:18
assume (1) \(36: 7\)
assumed (2) 6:20 23:12
assuming (1) \(35: 8\)
attached (1) 28:25
attract (2) 18:22 49:18
attracts (1) 18:6
ATVs (1) 14:13
Australia (7) 3:3 42:23 43:25 49:10,21 50:10 54:9
Australian (4) 48:23 49:1,2 50:4
authorised (1) 37:15 autumn (1) \(56: 16\) availability (1) 30:15 available (1) 30:7 average (1) 17:4 aware (15) 2:8 36:14 36:21 40:11,16 42:13 48:25 49:2,3 50:5,8,9,11 51:12 53:13
awkward (1) 57:18
\(\frac{B}{\text { back (9) 7:22 10:5,10 }}\)

19:13 25:20 42:10 46:8,8 52:16
bad (9) 31:10,16,17 31:24 36:7,8,13,15 37:23
balance (8) 7:10 8:5
10:21 21:20,21,25 37:18 38:23
balances (1) 14:25 balancing (1) 14:8 bands (1) 7:20 bank (6) 7:24 22:7 24:9 29:3,7 53:3
banks (9) 10:7,20
20:17 22:6,12
24:15 31:9 32:14 50:2
BARLING (33) 1:5,7,10
1:12,14,16 2:5 3:6 3:16 4:12,14,20 5:1
5:6,8,11 15:9,16 26:1,10,16,18,21 40:1 43:12 48:12
54:4,6 57:9,18,21 57:25 59:6
based (14) 7:24 11:17 14:12 17:11 18:20 30:6 32:16 34:6 38:4,12 39:1,2 52:24 56:6
bases (3) 18:2 24:19 34:20
basic (1) 7:7
basically (3) 1:16 9:1 51:12
basis (20) 8:3 18:4 19:9 29:17,21
30:23 34:5,9 35:3 35:16 37:14 45:11 45:20,23 46:21,24 48:4 53:9 54:22 55:14
basket (1) 17:5
BBC (1) 41:17
bear (1) 35:22
bearing (3) 27:22,25 37:1
becoming (1) 26:11 beg (1) \(54: 1\)
beginning (2) 2:12 54:15
behalf (1) 41:25 behaved (1) 19:10 believe (2) 15:18 38:9 beneficial (2) 19:18 20:22
benefit (11) 9:4 14:5 14:10 15:3 17:20 17:24 18:11,15 19:3,7,8
benefited (1) 13:23
benefits (21) 8:15 9:5
9:13,23 11:16
13:24 14:8 15:1
16:22 17:8 18:9
19:1 20:1,2,10
21:17 22:3,4 24:21 39:12 55:11 Bernard (1) 53:2 best (2) 38:12 55:17 better (6) 11:15 14:18

22:5,5,5 54:25
big (2) 10:7 31:8 bigger (2) 39:1 43:14 bit (6) 1:6,7 3:2,11 22:23 59:7 bits (1) 2:8 blue (1) 57:10 blued (2) 57:5,7 Bockius (1) 58:17 bonus (1) 27:18
booking (1) 9:14
borrow (5) 9:2 21:11
21:15,15 22:18
borrowed (1) 22:17 borrowing (3) 10:23 22:3 29:15
bottom (4) 41:2,4 52:6,20
bounced (2) 3:11,22
Boyle (1) 1:16
brand (4) 23:15,16
24:25 52:4
branded (2) 23:14,14
brands (2) 24:7,10
break (4) 2:3 38:20 40:2,4
Brealey (26) 2:25 3:10 3:22 4:7,24 6:1,3,4 13:24 15:9,11,17 26:1,5,22,23 39:24 40:6 43:18 48:13 54:5,7 57:12,20 59:9 186:8
breathing (1) 56:11
bride (1) 59:7
briefed (1) 41:9
briefly (1) \(23: 7\)
bring (3) 23:19 47:19 47:21
bringing (2) 47:16 48:3
broad (3) 49:3,4 50:9
broadened (1) 30:15
Brooks (2) 16:24 17:11
brought (6) 5:8 11:14 11:16 31:1 33:3 58:6
build (1) 33:5
building (1) 56:1
bullet (1) 52:1
bundle (5) 5:12 16:18 16:19 44:17 48:7
bundles (3) 15:11 42:16 48:16
business (19) 6:15,24 8:10,12 12:8 21:5 22:14 23:11,21 27:1 31:22 32:16 33:5 34:6 36:15 46:22 47:25,25 55:18
businesses (6) 6:19 24:19 25:4 30:23 31:11 32:13
buy (4) 8:19 11:18 18:19 28:5
buying (2) 18:18 27:16

C1 (1) \(16: 19\)
C2 (1) 5:12
calculating (1) 39:21
call (5) 4:13 5:2 6:17 35:11 39:15
called (5) 6:25 7:1
23:15 45:15 49:7
camera (1) 185:4
campaigns (7) 19:15 19:20,22,23 20:6 27:11,14
cannibalising (1) 16:8 Capital (6) 10:9 30:11 30:14,21 33:3 37:6 card (73) 6:15,19 7:4,8 7:8 8:14,21,22 9:1 9:2,3,3,11,17 10:6 10:14 14:11,12 17:5,6 18:20,22 19:4,5,8,10,16,21 20:9,15,21 21:2,3,9

21:10,17 22:4,8,15 \(\quad\) classic (7) 6:25 7:2,4
22:17,18,21 23:13 7:16 8:20 9:1,7
23:23 24:13 27:3
27:18,22 28:1,4,5,7
28:15,25 29:18
31:7,13 33:17 36:3
37:8,14,19 39:4
43:13,14 45:5,10
45:24 47:4,13,17
50:14 54:20
cardholder (20) 8:15
8:17 9:4 21:6,9,18
29:9 30:6,17 31:18
32:8 33:18 34:8
35:1,15 37:8,18
38:18 39:2 43:3
cardholder's (2) 35:19 37:1
cardholders (14)
11:16,17,18 20:14
22:17 27:13,22
29:16 30:16,20
32:8 34:22 49:18 55:12
cards (75) 6:24,25 7:2
7:2,16 9:20,22,24
9:25 10:19 11:6,9
11:20,25 12:2,3,3,5
12:12,15,23,23
13:8,10,14,14,23
14:5,15,16,21,24
15:1,4 17:2,3,9,10 17:17 19:24 20:7 21:11 22:13 23:6,9 23:14,14 24:2,4,23 24:24 26:13,14,15 26:16 27:1,4,6,7,8 27:9,23 28:10 29:4 30:12,15 37:23 39:18 45:1 47:3,12 47:22 49:10 52:23 53:10
case (5) 17:13 24:13
34:1 36:17 38:11
cases (2) 29:10 30:7
cash (4) 7:9 18:24
20:1 21:23
categories (2) 10:23 52:11
category (2) 20:5 52:15
certain (6) 4:2 7:23 8:19 13:16 34:25 36:25
certainly (6) 2:25 24:6 30:11 38:10 42:17 44:6
chain (1) 16:11 chairman (2) 17:20 18:12
chance (1) 2:5
changes (1) 1:19 characterised (1) 7:15 charge (2) \(33: 9,12\) charges (1) 43:4 charity (1) 20:18 cheap (2) 7:13,18 check (8) 16:20 30:1 32:25 34:14,16
\begin{tabular}{c}
\hline D \\
\hline Daily (1) 40:21
\end{tabular}
date (2) 15:21 58:7
dated (1) 50:24
David (1) 16:24
day (1) \(46: 19\)
days (3) 8:11 \(24: 8\) 30:11
deal (5) 3:11,14 4:8 26:19 42:14
dealing (2) 3:16 57:10
deals (5) 22:5 24:15 26:5,7,10
death (3) 49:750:1 56:20
debit (5) 26:13,16 45:1,12,13
debt (2) 36:15,15
debts (1) 36:5
decide (1) 35:16
decided (2) 47:2,11
decile (1) 7:11 decision (19) 33:4 34:11,12,15,16 35:12,14 37:7 38:5 38:21 47:23 48:9,9 48:13,17,18,22 50:21 53:24
decision-making (1) 37:10
decisions (5) 31:23 34:2,3 38:4 56:14
decrease (2) 49:9,11
default (25) 30:17
31:19,25 32:3,8,12
32:18,20 33:19
34:4, \(8,14,16,23\)
35:1,4,15,20,22
36:9 37:2,22 38:17 38:18 39:1
defence (1) 44:15
defendant's (1) 58:22
defined (1) 22:13
degree (2) 14:1 25:2
departments (1) 30:2
depending (1) \(25: 5\)
deployed (1) 31:2
describe (2) 8:24
31:18
described (1) 9:1
description (1) 54:25
detail (3) 3:4 16:19
46:7
determining (1) \(37: 3\) developed (1) 30:22
development (5) 23:5 23:9 33:11 49:23 55:1
difference (3) 9:7,16 47:20
differences (3) 6:16 6:18 9:19
different (9) 18:4,6 21:12 22:16 25:1,6 33:25 34:9,9
differential (2) 46:21 55:14
differentiation (1) 11:14
differently (2) 8:24 19:11
difficult (3) 18:3 51:17 57:24
difficulty (1) \(38: 6\)
Diners (3) 49:13,17,21
direct (4) 18:8 23:15 27:12 38:1
disadvantage (1) 55:6 disadvantaged (1) 3:24
disappointed (1) 52:25 disappointing (1) 52:19
disclosure (3) 4:1,6
29:24
discount (1) 27:16
discounts (2) 20:3 22:5
discussed (2) 27:15 55:19
discussions (2) 46:3 55:25
disproves (1) 49:24 distinction (2) 8:23 46:17
document (13) 5:14 15:6,17 28:7 41:10 50:18,22 51:4 53:14,15,16 57:11 57:16
documents (9) 4:2 29:17 46:10 54:12 54:13 56:25 57:1,9 58:2
doing (6) 20:1 21:22 27:10 38:7 45:3 46:2
domain (2) 30:8 32:17
domestic (1) 45:15
Doomsday (1) 56:20
door (1) 19:6
double (1) 32:25
doubt (1) 31:3
Douglas (10) 4:13 5:3
5:4,6,14 6:4 14:17
37:20 40:6 186:6
draft (2) 2:1 58:9 dramatically (1) 54:24 drawing (1) 36:17 drive (2) 27:2 30:24 driven (1) 9:21
driving (3) 43:8,17,18 drop (2) 25:15 49:16 drove (1) 11:13 dual (1) 53:6 due (3) \(4: 23\) 53:5 54:7 Duo (6) 46:20 51:12 51:13 52:18,19 53:4
\(\bar{E}\)
e-commerce (1) 14:14
E2.2 (1) \(48: 16\)
E2.3 (1) \(48: 7\)
E3.12 (2) \(46: 6\) 56:23
E3.13 (8) 12:24 15:7
15:11 46:6,7 50:19 51:2 56:23
E5.4 (2) 41:1 44:17
earlier (4) 27:15 28:13
55:13,19
early (1) 9:8
earn (1) 39:18
earning (1) 43:14
earth (1) 47:21
easy (1) \(55: 22\) economic (2) 10:10 28:16
Economics (4) 41:11 42:11,18 48:25 economists (1) 42:13 effect (2) 12:10 37:21 effectively (1) 58:19 either (6) 8:13 21:20 24:22 27:11,15 28:8
else's (1) 21:2
email (2) 27:13 41:4
embargo (1) 41:8
emphasis (1) 28:19
employee (2) 27:25 41:24
employer (1) \(24: 3\)
enable (1) 32:17
enabled (1) 33:5
enabling (1) 10:22
encourage (7) 19:15
19:24 27:3,6,7,9,21
encouraging (5) 20:14
20:20 27:14,17
28:10
ended (1) 43:3
ensure (8) 12:6 19:16
22:19 23:18 28:3
29:8 30:4 38:23
enter (1) 24:14
entire (4) 45:5,9,24 54:20
entitled (2) 1:22 59:1
entrants (4) 10:8
11:21 23:22 54:25
environment (5)
44:23 45:22 46:13
54:18 55:5
equivalent (1) 45:14
essence (2) 7:4 23:25
essentially (12) 3:2
7:2,15 8:4,8,13
12:19 20:14 27:2
33:23 38:11 45:25
established (1) 56:16

\section*{ETA (1) 2:16}

Europe (4) 41:11
42:10,18 48:24
European (2) 4:3 54:14
evidence (11) 1:22 12:11,22 32:1,6 43:20,24,24 45:7 45:18 53:3
evolution (1) 10:2
evolve (1) 50:2
evolved (1) 54:24
Examination-in-chie... 5:5 186:7
example (9) 8:16 10:14 16:13 21:10 29:14,15 33:6,15 42:15
examples (4) 10:4 11:23 12:2 21:13
exceeds (2) 22:24 23:2 exclusive (5) 24:14 26:4,7,10,19
exclusively (1) 24:12
exclusivity (2) 24:22 25:9
executive (6) 41:10 42:19 44:2,5,9 50:23
existed (1) 10:15
expand (1) \(33: 21\)
expected (1) 32:3
expense (1) 49:18
expensive (1) 7:13
experience (11) 24:11
26:11 31:1 32:5,17
36:1 48:24 49:1,2
50:4 51:25
experiencing (1) 10:11
expertise (1) \(32: 5\)
experts (3) 2:22,23,25
explain (2) 19:19 46:24
explanatory (1) 1:23
explored (1) 47:18
Express (4) 49:12,15 49:17,20
extent (3) 13:17 34:25 36:25
extremely (2) 22:8

48:3
faces (1) 59:3
fact (5) 11:23 \(39: 2\)
41:20 52:7 53:10
factor (2) 31:24 39:17 factors (4) 9:21 10:1

11:10 37:3
factual (1) \(2: 23\)
fails (1) \(38: 18\)
fair (2) 32:24 57:23
fairly (1) 51:15
familiarity (1) 55:21
fan (1) 17:15
far (9) \(2: 83: 4\) 22:24
23:2 39:1,13 58:13
58:21,25
fear (1) \(46: 12\)
feature (2) 12:4 18:23
February (3) 1:1 4:22 185:7
fee (8) 9:24 42:20 43:13,14 44:21,23 47:1 54:18
feedback (1) 15:21
feel (3) 3:22 16:8
57:14
feels (1) 3:10
fees (30) 12:14,19 13:11,15,16 17:9 17:10 22:25 25:11 39:14 40:23 41:21 42:24 43:4 45:3 46:13 47:3,4,11,13 47:14 49:9,11,12 49:14,16 50:1,6,7,7 fell (1) \(42: 25\)
felt (1) \(36: 4\)
figures (3) 22:23 51:13 51:14
finance (1) 16:24
financial (3) 17:4
25:12 39:1
find (2) \(20: 11\) 58:9
Findings (1) 42:20
finds (1) \(34: 5\)
fine (4) 3:12 26:23
59:2,5
finish (1) 50:19
firm (1) 42:13
first (9) 1:10,13 2:3 36:23 46:7 51:10 52:1 56:25 57:11
Firstly (1) \(14: 7\)
five (3) 10:6,7 11:1
flag (2) 4:5,10
flexibility (2) 21:22 22:2
floating (1) 4:12
flow (1) 21:23
followed (1) 49:10
following (1) 45:2
follows (2) 13:18 35:20
food (2) 18:18,19
football (1) 17:15
footprint (1) 52:4
forced (1) 56:7
forget (1) 48:10
Forgive (1) 48:10 form (7) 8:14 9:3 24:22 36:19 39:4 43:2,22
forms (3) 18:25 19:25 20:12
formulate (1) 27:10 found (1) 17:3 four-party (1) 14:9 free (1) 9:24
frequently (1) 49:6

Friday (3) 3:10 6:8,9 front (2) 5:12 32:2 full (3) 21:20 29:23 44:15
funded (1) 25:11
further (3) 2:17 4:1 47:20

G
geared (1) 22.6
general (5) 14:16 16:6
40:7,10,15
generated (1) 22:20
getting (4) 4:25 22:3,5 26:7
give (14) 4:6 10:4 13:5
13:7 15:9 21:8
25:18 29:14 51:6
54:755:15 57:1,1
58:8
given (15) 1:25 3:3,21 11:22 14:19 21:19 29:18 32:5 46:19 52:2 54:25,25 55:1 56:4 58:12
giving (6) 21:22 22:2 24:22 28:22 31:7 43:6
glass (1) 5:11
GNS (1) 46:4
go (31) 1:10,13 12:17 12:24 15:20,24 16:13,21 17:22 19:13 25:16 26:8 28:11 29:10,10 41:1 42:10,19 44:17 46:7,7,24 48:7,11 50:19 51:8 52:6 53:12,24 56:23,24
goals (1) 52:21
goes (3) 17:21 26:12 41:17
going (22) 1:6 2:14,15 3:14 4:15,18 5:2 16:18 22:18 31:25 34:7 35:15 36:4 38:17 43:19 46:6 47:19 51:18 52:16 56:24 57:13 58:4
good (11) 1:5 5:6,7 6:4 6:5 10:13 31:21 32:4 36:20 46:11 59:6
goods (4) 8:19 11:19 27:16 39:5
grateful (2) 2:17,24
great (1) 21:17
greater (4) 12:12,23
28:19 35:6
grew (1) 28:15
groom (1) 59:8
group (4) 34:1 40:7,10 40:14
growth (6) 10:10 14:11,14 27:2 28:16 49:24
guarantee (2) 37:14 39:3
\begin{tabular}{|c|c|c|c|c|c|c|}
\hline 22:21 24:4,6,11 & 47:23 54:15 & 24:2,5,9,12,14 26:3 & 5:6,7 6:4,5 & official (3) 42:4,6,7 & payment (16) 6:15,19 & pretty (2) 7:7 31:25 \\
\hline 25:24 30:12 & lines (1) 51:10 & 26:15 28:8 37:1 & motivated (1) 50:2 & okay (13) 1:13,15 5:1 & 18:25 20:1,13 22:7 & previous (1) 33:24 \\
\hline & link (2) 32:7,9 & 39:16,22 40:10,12 & move (4) 45:9,23 & 12:22 35:10 36:10 & 24:18,20 25:14 & previously (4) 43:15 \\
\hline J & litigation (2) 40:11,16 & 41:24 42:1,2,4,6,7 & 46:22 54:20 & 36:14 48:6 49:4 & 27:4,8,9 28:10 & 43:16 50:12 52:12 \\
\hline James (2) 41:5,6 & little (6) 1:6,7 3:11 & 42:14 44:12,14,25 & moved (2) 45:2,5 & 51:6,9 52:13 57:3 & 37:13 39:3,5 & (2) \(7: 23,23\) \\
\hline Jeff (1) 41:18 & 27:15 33:21 52:25 & 45:12,14,21 47:2 & moving (1) 39:24 & 24 & ents (3) 10 & (1) 7:11 \\
\hline JLP (1) 12:3 & living (2) 48:5 56:11 & 47:11 48:2 49:1, & & One's (1) 37:6 & 22:24 39:13 & prices (3) 40:23 43:3 \\
\hline job (3) 23:17 32:4 & Lloyds (8) 21:9 46:4 & 49:19 50:6,12,15 & N & (2) \(20: 16,16\) & people (3) 11:8 17:22 & 43:23 \\
\hline 41:24 & 46:20 51:12,13 & 51:14,20 52:8 & national (1) 41:8 & en (2) 51:17 52:1 & 38:16 & primary (2) 36:19 43:8 \\
\hline joined (4) 6:13,23 9:9 & 52:18,19 53:4 & 53:17,19,25 54:13 & nature (3) 53:6 56 & opened (1) 29:18 & percentage (1) 8:3 & principal (1) 28:3 \\
\hline 10:5 & LLP (1) 58:20 & 55:5,20 56:7,16 & 58:1 & opening (1) 3:19 & perception (1) 53:19 & pro (1) 4:22 \\
\hline joint (2) 33:7,15 & lobbying (1) 41:25 & 57:13 & Natwest (20) 6:13,23 & operate (1) 32:17 & performed (1) 32:3 & probably (7) 2:2 20:17 \\
\hline journalists (2) 41:8,15 & logically (2) 13:13,18 & MasterCard's (9) & 8:13 10:5 20:20 & operated (1) 32:14 & performing (1) 25:21 & 31:14 32:22,22 \\
\hline Jumping (1) 26:24 & long (1) 12:10 & 17 40:7 & 21:1,7,9 23:3,10,14 & operating (7) 10:17 & period (4) 21:18 28:16 & 39:750:18 \\
\hline JUSTICE (33) 1:5,7,10 & long-term (1) 55:16 & 49:23,25 50:1,23 & 20 24:2,6 25:18 & 32:13,16,23 48:5 & 43:16 45:13 & problem (2) 12:10 \\
\hline 1:12,14,16 2:5 3:6 & look (11) 2:6 5:18 & :10 58:8 & 29:25 30:2 & 66:12 & periods (2) 11:20 22:1 & 59:4 \\
\hline 3:16 4:12,14,20 5:1 & 18:10 33:25 34:21 & terial (1) 58:8 & 38:2 & operations (1) 16:25 & permission (1) 3:13 & proceeding (1) 2:11 \\
\hline 5:6,8,11 15:9,16 & 4,8 50:18 51:13 & erialised (1) 56:2 & Natwest/RBS (1) & n (1) 6:21 & ed (1) 58:16 & proceedings (2) 6:7 \\
\hline 26:1,10,16,18,21 & 51:19 55:8 & matter (2) 4:24 22:6 & 9:12 & opportunity (1) 27:16 & person (1) 18:13 & 58:15 \\
\hline 40:1 43:12 48:12 & looked (1) 58:1 & MBNA (5) 10:10 30:14 & nearly (1) 57:12 & opposed (3) 18:13,18 & personal (5) \(28: 17\) & process (9) \(33: 434: 1\) \\
\hline 54:4,6 57:9,18,21 & looking (4) 21:11 & (21 33:3 46:4 & necessary (1) 23:19 & 19:6 & 42:5 56:10,11,15 & 34:12 35:12,14 \\
\hline 57:25 59:6 & 23:12 46:6 57:9 & mean (12) 6:20 7:12 & need (8) 2:4,17, & options (1) 38:13 & personally (1) 41:19 & 36:20 37:7,11 \\
\hline & Lord (2) 15:15 39:24
loss (3) \(36: 1939: 18\) & 7 29:7 35:9 & 3:13 21:14 22:19 & \[
\text { order (6) } 1: 17,242: 1,2
\] & perspective (2) 13:19 & 38:21 \\
\hline K & loss (3) 36:19 39:1,8 losses (1) 37:4 & \[
\begin{aligned}
& 6: 1842: 544: 4 \\
& 6: 1451: 1753: 16
\end{aligned}
\] & 28:20 58:7 & \[
\begin{aligned}
& 39: 458: 6 \\
& \text { organisation (2) 38:2 }
\end{aligned}
\] & \[
\begin{aligned}
& \text { 13:22 } \\
& \text { persuade (1) 19:20 }
\end{aligned}
\] & \begin{tabular}{l}
processes (1) 55:21 \\
product (12) 11:13
\end{tabular} \\
\hline keep (1) 8:20 & lost (1) 56:8 & 7:13 & needed (1) 11:8 negotiate (1) 16:12 & 38:7 & phrase (1) 56:21 & 20:12 23:5,8,17 \\
\hline Keith (3) 5:4,14 186:6 & lot (10) 2:13,15,19 & means (5) 12:19 13:13 & negotiation (2) 25:3,5 & organisations (1) 21:5 & picking (1) 36:11 & 25:21 33:11 45:14 \\
\hline key (8) 6:16,18 15:24 & \[
9: 20 \text { 14:18 23:22 }
\] & 13:15 58:3,10 & NERA (2) 42:15,16 & organise (1) 8:18 & place (2) 23:11 46:11 & 46:20 53:9 55:1,1 \\
\hline 15:25 43:17,18
\(44: 746: 5\) & 6:14 52:3 56:24 & meant (3) 32:12 43:10 & nervous (1) 48:3 & outcome (1) 43:11 & places (1) 48:10 & products (5) 7:4,6 9:5 \\
\hline 44:7 46:5
kind (5) \(2 \cdot 38\) 8.20 12.9 & 57:10 & 43:13 & networks (4) 12:6 & outputs (1) 44:7 & planning (1) 32:23 & 19:17 23:19 \\
\hline \[
\begin{gathered}
\text { kind (5) } 2: 38: 2012: 9 \\
13: 621: 13
\end{gathered}
\] & low (13) 44:20,22 45:2 & mechanism (1) 38:22 & \[
24: 16,1855: 21
\] & outstanding (1) 8:5 & platform (2) 39:15 & profit (1) 22:20 \\
\hline knew (1) 30:6 & 6:13,14,15,16,18 & ss (1) & never (4) 22:17,18 & outweigh (1) 39:13 & 56 & profitable (1) 30:22 \\
\hline know (24) 1:8 2:19 & 55:13 56:8 & media (1) 41:25 member (1) 50:2 & 6:2 48:20 & overview (1) 15:20 & pleadings (1) 4:2 & essed (1) 2:19 \\
\hline 3:14 4:11,16,23 & lower (6) 7:20 10:24 & members' (1) 50:2 & new (9) 4:15 10:8 & & please (5) 5:13,19 & romote (1) 27:3 \\
\hline 17:14 22:6 27:19 & 34:1 43:1,2 45:21 & memory (5) 7:25 8:1,8 & 23:22,22 29:22 & P & 13:21 44:17 46:7 & romoted (1) 20:6 \\
\hline 37:13 38:1,22 39:4 & lowering (1) \(50: 6\) & 29:19 50:14 & 54:25 & & eased (2) 47:2,10 & romotions (1) 20:3 \\
\hline 39:12,19,25 40:24 & loyalty (5) 12:2 18:21 & mentioned (3) 2:1 & News (1) & page (13) 5:18,18 16:9 & pm (1) 59:10 & prompt (1) 19:17 \\
\hline 44:11 46:21 50:16 & 18:23 20:3 27:19 & 11:4 36:6 & nodded (1) 41:22 & 3:17 51:6 52:6, & point (25) 7:8,23,23 & ompted (1) 3:18 \\
\hline 50:19 52:4 53:2 & luxury (1) 16:15 & merchant (17) 12:1 & non-confidential ( & .17 51.652 .6 & 10:15 12:18 16:22 & pronounced (1) 49:15 \\
\hline 59:3 & & 18:4,5 20:4 36:24 & 1:3 59:11 186:4,9 & pages (1) 36:23 & 18:3 26:12 & properly (1) 57:14 \\
\hline knowing (1) 38:17 & M & 36:25 37:6,9,13,15 & non-party (1) 1:19 & paid (2) 12:20 43:1 & :24 28:11 32:2 & proportion (1) 39:7 \\
\hline knowledge (5) 20:17 & M\&S (1) 12:3 & 16,22 39:2,3 & non-premium (6) 6:15 & paragraph (13) 6:12 & 32:19,24 33:9 & proposition (11) 14:23 \\
\hline 31:1 32:2 37:5 & Maestro (6) 3:1 45:15 & 49:11,14 52:11 & 6:17,17,25 7:2,16 & 16:21 19:13,14 & 6:17 38:14 41:1 & 18:24 25:13 31:13 \\
\hline 55:24 & \[
45: 17,19,2557: 14
\] & merchants (18) 11:17 & normally (1) 26:6 & 24:1 26:24 28:11 & 42:2 46:5 47:24 & 46:4 53:11,21 55:9 \\
\hline known (2) 32:15 & mail (1) 27:12 & 13:15,22 14:1,5,10 & note (2) 47:2,10 & \[
30: 10 \text { 44:18,2 }
\] & 52:1,12 56:7,12 & 55:12,17 56:2 \\
\hline knows (1) 35:18 & main (1) 52:10 & 23 15:3,22 16 & notice (1) 59:6 & \[
48: 14,2054: 1
\] & points (9) 18:21,21 & propositions (9) 7:7 \\
\hline & maintain (1) 57:21 & 23 17:8 18:3 & noughties (2) 27:13 & pardon (1) 54:2 & 20:3 25:15 27:19 & 8:13 11:15,17 \\
\hline L & & :5,16,16 38:17 & \[
54: 24
\] & rt (10) 16:11 20:7 & 3:15 46:21 52:10 & 23:17 29:1 30:24 \\
\hline large (2) 26:12 39:20 & majority (1) 29:4 & 9:16 & November (1) 50:25 & 13,23 29:7 & 5:14 & 30:25 55:2 \\
\hline late (2) 8:12 10:8 & making (8) 4:7 16:22 & message (5) 43:6,8,17 & number (16) 9:21 10:1 & :19,20 41:24 & policy (1) 31:24 & prosperity (1) 10:11 \\
\hline Law (1) 58:11 & \[
35: 11 ~ 37: 23 ~ 45: 11
\] & 3:18 44:11 & 10:8,14,24 11:10 & \[
53: 258: 21
\] & poor (1) 36:11 & protect (1) 50:13 \\
\hline lawyers (1) 1:20 & \[
46: 549: 65
\] & mid-2000s (1) 28:21 & 21:1 12:23 & particular (11) 1:2 & population (3) 31:14 & rovided (2) 8:14 9:13 \\
\hline lead (2) 11:6 50:1 & anage (2) 21:23 & Miles (1) 41:5 & 40 & \[
\text { 10:13 18:24 } 19
\] & 34:10,22 & roviding (1) 27:14 \\
\hline leaflets (1) 27:5 & 23:17 & mind (3) 27:22,25 & 41:23 42:1 46:2, & 20:4 21:1,6 27:1 & portfolio (4) 7:4 23:13 & prudent (2) 38:4,8 \\
\hline led (11) 11:9 12:12,14 & managed (1) 6:15 & 28:4 & numbers (1) 44:1 & 28:17 30:21 44:3 & 25:18 45:24 & public (4) 17:20 18:13 \\
\hline 12:16,22 13:8,10 & management (2) 27:1 & mine (2) 1:14 53:25 & numbers (1) 44.1 & particularly (6) 4:20 & portfolios (4) 45:5,10 & 30:8 44:11 \\
\hline 13:13,14 30:17 & \[
50: 24
\] & minimum (2) 24:23,24 & 0 & \[
7: 12,13,18 \text { 11:1 }
\] & 54:21 56:9 & ublicise (1) 27:5 \\
\hline 31:18 & & minute (1) 55:23 & & 29:22 & posing (1) 32:7 & publicising (1) 41:20 \\
\hline lend (6) 34:15,17 35:6 & \[
\begin{aligned}
& \text { anager (3) 40:7,10 } \\
& \text { 40:15 }
\end{aligned}
\] & mix (1) 22:22 & es (1) 52:22 & parties (6) 1:21,25 & possibility (1) 49:18 & publicly (2) 43:6 54:14 \\
\hline 35:16,20 37:7 & manner (1) 49:15 & model (4) 14:9 15:18 & obligation (1) 29:20 & \[
2: 10 \text { 14:9 25:2 }
\] & potentially (2) 20:2 & ublish (1) 29:15 \\
\hline lender (8) 35:5,6,10 & March (1) 23:4 & 2:16 34:6 & obligations (1) 38:9 & 58:10 & 25:10 & pulled (1) 28:4 \\
\hline 35:18,20 36:8,12 & market (30) 7:5,12 & modelled (1) 41:16 & obliged (1) 47:2 & partnering (1) 12:1 & power (1) 25:2 & purchase (4) 19:9 20:7 \\
\hline 36:19 & \[
9: 24 \text { 10:2,6,9,15,25 }
\] & models (1) 34:20 & obtain (1) \(25: 8\) & party (8) 27:20 35:5, & practices (1) 38:13 & 28:2 37:16 \\
\hline lender's (3) 34:14,16 & \[
11: 15,22,2514: 11
\] & moment (3) 13:24 & obtaining (1) 22:7
obviously (11) \(1: 24\) & \[
35: 936: 11,14,21
\] & preferential (1) 21:16 & purchases (2) 19:25 \\
\hline 34:25 & 14:12 23:23 26:12 & 4:15 58:8 & obviously (11) 1:24 & 36:24 & premised (1) 45:25 & 22:1 \\
\hline lending (3) 28:18 & 28:15 31:2,4 32:21 & moments (1) 57:2 & :13 13:6 24:21
6:14 27:5,12 & pass (1) 40:22 & premium (50) 6:16,18 & purely (1) 52:23 \\
\hline 35:11 37:23 & 15 45:12 & Monday (1) 1:1 & 27:5,12 & pass-on (5) 41:21 & 6:24 8:10,12,22 9:3 & purposes (1) 20:18 \\
\hline lent (1) 36:3 & \[
48: 5 \text { 49:20,23 }
\] & money (8) 20:19 35:7 & 48:20 & \[
42: 15 \text { 43:19 44:12 }
\] & 9:8,11,17,20,22,25 & put (14) 16:18 24:3 \\
\hline let's (6) 6:22 12:25 & \[
50: 14 \text { 51:13,15,16 }
\] & 35:11,16,21 36:3 & occasionally (1) 27.20 & +19 & 11:6,9 12:12,15,23 & 28:19 34:14,15 \\
\hline 18:10 36:7 49:4 & 54:23 & 37:7,23 & occasionally (1) 27:20 & ssed (2) 35:4 43:2 & 12:23 13:8,10,14 & 88:20 44:17 48:7 \\
\hline 50:18 & marketing (1) 19:15 & monoline (9) 23:16 & offer (6) 4:16 9:22 & pause (8) 15:12 33:8 & 13:14,23 14:5,12 & 0:20 51:18 55:2 \\
\hline level (4) 44:20 47:4,12 & marketplace (14) 9:20 & 30:10,14,19 33:12 & offer (6) 4:16 9:22 & 36:6 48:15 51:3 & 14:15,21,24 15:1,4 & 56:23 57:10 59:6 \\
\hline 47:17 & 10:17 21:4 23:18 & 38:15,22,25 39:8 & 10:18 25:14 29:2 & 54:9 57:6 58:15 & 15:18 17:2,8,10,18 & puts (1) 34:16 \\
\hline Lewis (1) 58:17 & 23:19,21 29:2 32:4 & monolines (5) 11:7 & & using (2) 7:17 33:21 & 36:16 45:5,10,24 & putting (1) 36:22 \\
\hline liable (1) 36:12 & 38:11 55:3,10 56:4 & 28:12 38:15,19,25 & offered (8) 7:5 8:13 & \[
\text { pay (9) } 8: 5 \text { 12:15 }
\] & 47:3,12,16,19,21 & \\
\hline limit (3) 29:4,6 37:5 & 56:6,12 & monolines' (1) 38:21 & 9:3,11 12:2 & 13:16 14:23 18:14 & 51:5 54:20 56:6,9 & Q \\
\hline limited (3) 17:20 & markets (1) 9:1 & month (2) 8:6 21:19 &  & 37:19 35:19 & 56:17 & qualify (7) 13:6 22:1 \\
\hline 18:13 22:1 & mass (1) 7:5 & monthly (1) 29:17 & 27.18 29.13 34.9 & 43:10 & eparation (1) 4:4 & 34:19 37:12 45:8 \\
\hline limits (3) 29:7,10,13 & MasterCard (53) 3:1,3 & Morgan (1) 58:17 & 27:18 29:13 34:9 & paying (3) 39:6 43:3 & epared (1) 17:7 & 54:16,20 \\
\hline line (4) 28:25 29:8 & 15:17 17:5,18 20:4 & morning (6) 1:5 4:22 & & 43:13 & present (1) 38:13 & question (11) 3:16,18 \\
\hline
\end{tabular}

18:8 19:9 24:10
33:24 38:1 39:19
39:23 42:15 44:10 questioning (1) 54:15 questions (3) 6:1 14:20 57:15 quid (1) \(4: 22\) quite (6) \(2: 14\) 12:10 18:4 54:24 55:14 57:18
quo (1) 4:22

Radio (1) 41:17
ran (1) 19:15
Randall's (1) 41:18
range (1) 10:19
ranged (1) 7:22
rare (2) 26:9,10
rate (15) 7:11,14 8:3,4 8:4 29:23 31:24,25 32:20 34:23 37:4 45:14 46:16 55:13 56:8
rates (20) 10:24 19:18 20:22 21:15,25 22:1 32:3,12,18 33:19 34:4,8 39:21 47:17,17,19,22 48:2,3 56:17 rationale (3) 20:20,24 20:25
RBA (1) 49:13
RBS (17) 23:4,10,14 23:15,20 24:1 27:1 27:25 28:4 33:6,15 38:2,7,11,15 46:3 55:25
RBS/Natwest (1) 25:15
re-allocating (1) 39:11
read (10) 6:9 15:13 44:5,7,23 48:20 51:10,18 53:20 57:16
reading (6) 33:14,16 43:1 44:4,6 49:15
ready (4) 2:14 3:12,23 4:13
realistic (1) 54:21
reallocate (1) 39:12
really (8) 7:15 8:21 10:5 17:23 36:22 49:6 53:4,6
reason (9) 14:4,6 15:6 25:21 37:18 48:22 53:23 54:12 55:16
reasonable (1) 22:20
reasons (4) 14:25 21:8 25:19 46:5
recall (2) 25:19 42:17
receive (4) 17:19 29:17 37:13,16
received (3) 15:21 39:3 55:12
recognising (3) 21:10 21:14 23:21
REDACTED (126) 60:1 61:1 62:1 63:1 64:1 65:1 66:1 67:1 68:1 69:1 70:1 71:1 72:1 73:1 74:1 75:1 76:1 77:1 78:1 79:1 80:1 81:1 82:1 83:1 84:1 85:1 86:1 87:1 88:1 89:1 90:1 91:1 92:1 93:1 94:1 95:1 96:1 97:1 98:1 99:1 100:1 101:1 102:1 103:1 104:1 105:1 106:1 107:1 108:1

109:1 110:1 111:1 112:1 113:1 114:1 115:1 116:1 117:1 118:1 119:1 120:1 121:1 122:1 123:1 124:1 125:1 126:1 127:1 128:1 129:1 130:1 131:1 132:1 133:1 134:1 135:1 136:1 137:1 138:1 139:1 140:1 141:1 142:1 143:1 144:1 145:1 146:1 147:1 148:1 149:1 150:1 151:1 152:1 153:1 154:1 155:1 156:1 157:1 158:1 159:1 160:1 161:1 162:1 163:1 164:1 165:1 166:1 167:1 168:1 169:1 170:1 171:1 172:1 173:1 174:1 175:1 176:1 177:1 178:1 179:1 180:1 181:1 182:1 183:1 184:1 185:1
reduce (2) 47:2,11 reduced (4) 43:5 48:2 50:7,7
reducing (2) 55:11 56:17
reduction (1) 49:25 refer (5) 30:10 34:11 46:23 48:23 52:19 reference (2) 15:10 51:6
referenced (1) 42:3
references (1) 42:16 referencing (1) 45:20 referred (2) 28:12 53:23
referring (1) 28:24 reflect (1) 51:25 reflected (1) 17:10 reflecting (1) 46:10 regarded (1) 58:2 regarding (1) 15:1 regardless (1) 47:14 regards (1) 55:11 regulated (1) 49:13
regulation (7) 4:4 41:9 42:21,23 43:9 47:1 47:14
related (2) 29:23,24 relates (4) 15:17,18 51:4 57:13
relating (2) 21:13 22:3
relative (2) 38:8 52:13
relevant (1) 23:18
relying (1) 43:25
remain (7) 12:7 50:13 58:12,18,20 59:1,1 remained (2) 23:18 49:22
remember (8) 4:17
10:12 40:21,24
41:12 42:17 44:4,6
repay (4) 21:20,21 36:4 37:18
repeat (1) 12:18
replace (1) \(45: 3\)
report (8) 41:11 42:10 42:17 44:3,4,5,6 48:24
represent (1) 58:18 representatives (2) 58:14,19
representatives' (1) 1:20
respect (2) 35:19 43:25
respected (1) 58:11 respond (3) 11:2 12:5 12:6
responded (1) 50:6
response (1) 37:25
responsibility (2)
25:17 38:3
restaurant (19) 17:14 17:16,19,21,23,23 18:7,10,11,16,17 18:18,20 19:2,3,6,6 19:7,8
restructure (1) 23:12 restructuring (1)

23:11
result (5) 23:12 31:17 33:17,22 43:9 resultant (1) 11:21 resulted (2) 33:19 42:24
resulting (1) 30:17
retail (2) 10:7 43:2
retailer (3) 12:1 27:17 31:9
retailers (5) 13:22
19:25 40:12,22
42:25
Retailers' (1) 42:25
return (1) 24:21
revenue (11) 3:19
22:6,7,14,22,24,25
23:2 25:8 27:2 39:17
revenues (4) 28:20 38:24 43:5 45:3
revolve (1) 7:9
reward (3) 8:14 27:19 43:14
rewards (10) 8:21,22 9:5,12,17,23 12:2,4 18:23 27:3
right (9) 4:14 5:11 19:16 26:18 28:2 40:8 44:8 53:7 58:16
right-hand (1) 41:2
ring (3) 58:5,13,21
risk (12) \(34: 14,15\) 35:4 35:6,8,22 36:9 37:22,22 38:17 39:9,11
Robert (3) 5:4,14 186:6
role (6) 6:20 19:23 23:8,11,25 28:3
roll (1) 12:9 room (3) 59:2,4,5 rule (1) 17:17 run (1) 19:22

\section*{safeguards (2) 29:12}

29:14
Sainsbury's (8) 3:9 4:1
12:3 16:10,25
17:13 53:3 58:14
sale (1) 7:9
sales (1) 49:24
satisfactory (1) 58:1
saves (1) 18:14 saying (12) 16:15 26:6 27:7 32:11 34:13 35:23,24 40:22 44:15 45:23 55:22 55:23
says (5) 16:10 17:1
42:22 44:2,3
scenario (3) 36:22 38:24 56:20
scenes (1) 2:15
schedule (3) 1:17,20

2:1
scheme (2) 24:21 25:14
schemes (8) 12:6
24:18 37:1 39:12
39:16 49:11,12
50:3
Scott (1) 47:18
season (1) 18:14 second (8) 1:11 3:8 6:10 7:11 15:3 16:22 17:4 21:24 secondly (3) 9:21 10:21 14:10
sector (2) 33:6,18
secured (4) 20:4 25:7 29:1,2
see (18) 12:25 15:21 16:1,9,15 17:8,24 32:6 41:4,7 46:25
51:17,19,21,23
52:13,23 58:2
seeing (1) \(53: 13\)
seek (1) \(24: 21\)
seen (14) 22:23 28:6 32:21 44:1 46:10 48:18,22,24 50:22 51:14 53:14,15,16 54:13
segment (2) 11:8,24 segments (3) \(31: 13\) 33:25 34:9 selected (1) 16:9 self (1) 1:23 selling (1) 52:10 send (1) 29:20 sense (2) \(32: 15\) 39:8 sent (1) \(3: 8\) sentence (1) 19:14 separate (1) 39:22 September (1) 40:6 serves (2) 29:19 50:15 service (2) 8:18 9:14 services (10) 8:15,16 8:19 9:6,13,15,17 11:19 27:17 39:5 session (5) 1:3 59:11 185:4 186:4,9 setting (1) \(39: 21\) share (7) 24:23 49:20 49:23 51:13,15,16 52:24
shareholders (2) 38:3 38:9
sharp (1) 49:10
Shawn (3) 41:5,6,7
shift (1) 52:25
short (4) 1:14 13:7 40:2,4
shorter (1) 43:15 side (5) 41:2 51:14 59:2,3,5
Sidenius (2) 1:11 6:10 Sidenius' (1) 3:9 sight (1) 47:23 signature (1) 5:21 significant (4) 23:10 52:8 55:16 56:8 similar (2) 31:3 49:5 simple (3) 8:20,23 45:20
simply (3) 2:10 37:9 45:24
Sir (1) 57:12
sit (1) \(4: 22\)
sitting (1) 59:5
situation (1) 35:10
size (1) 17:5
skeleton (1) 3:2
Sky (1) 41:17
slightly (2) 8:24 49:22
slot (1) 41:18 small (19) 17:14,16,19

17:21,23,23 18:7
18:10,11,15,17
19:2,3,6,7,8 51:12 51:15,16
smaller (1) 39:7
Smith (4) 2:9,10,17,21
socio-economic (2) 10:23 34:1 soliciting (1) \(21: 5\)
somebody (1) 21:2
soon (2) 1:24 2:2
sophistication (1) 31:5
sorry (17) 4:19,19 7:1
8:9 9:16 12:18 26:1
26:22 32:10 36:6
41:23 48:15 51:1
53:25 54:1 58:17
59:9
sort (2) 19:19 48:16
sorted (1) 15:15
sorts (1) 9:15
sought (1) \(43: 4\)
source (1) 22:14
Spain (2) 42:23 43:25
specific (3) 25:19 40:24 44:1
specifically (4) 14:17
19:9 25:19 39:23
speculating (1) 52:24
spend (7) 9:2 17:2,22
20:15 21:14 27:18
52:22
spending (5) 8:14 27:4 27:6,8,9
spiral (3) 49:7 50:1 56:20
split (1) 6:23
spoken (1) 3:10
stable (1) 49:22
stages (1) 12:25
stand (1) 54:22
standard (8) 6:17,19
7:3 8:21 17:5 47:4 47:13,17
standing (1) 55:22
start (1) 53:13 started (1) 40:14 state (1) 50:12
stated (1) \(34: 4\)
statement (34) 3:8
5:14,16,24 6:10,12
8:6 11:4,5 14:3,6 14:19 17:11 19:13 21:3,24 22:12 23:3 26:25 27:12 32:19 32:25 36:24 38:6 42:4,6,7 44:14,18 45:9,11 46:17 50:5 54:22
statements (2) 29:16 42:1
statistical (1) 34:20
stay (1) 58:16
```

