1 Thursday, 23 February 2023 1 your background, we already know about that. 2 (10.00 am) 2 Just one question about your background is 3 MR BLAKE: Good morning, sir. Can you see and hear 3 really when you first became involved in what we 4 me? 4 know as Horizon Online or HNG-X? 5 SIR WYN WILLIAMS: I can indeed, yes. 5 Horizon Online, I got involved in 2009. 6 MR BLAKE: Thank you very much. I'm going to call 6 The reason I ask is I just want to bring one 7 7 Mr D'Alvarez, please. document to your attention, it's FUJ00116732. 8 ALAN D'ALVAREZ (sworn) 8 The document itself isn't really important, it's 9 Questioned by MR BLAKE 9 a PowerPoint presentation but it's page 7 of 10 MR BLAKE: Thank you very much. Can you give your 10 that document. It's the fourth entry on page 7. 11 full name please. 11 Thank you. If we could zoom in, it has your 12 A. Alan George D'Alvarez. 12 name there. These are documents that are 13 Q. Mr D'Alvarez, you have previously given evidence 13 reviewed and it says there was a previous 14 to this Inquiry. Your witness statement is 14 independent review by A D'Alvarez, July 2007; do 15 WITN04800100 and that's already gone into 15 you remember that involvement at all? 16 evidence. Do you have a copy of that in front 16 Yes, I do. Α. 17 of you? It should be behind tab A. 17 Q. What was that? 18 A. Yes, I do. I was, at that time, on assignment in the USA, 18 19 Q. You've confirmed the truth of that statement 19 and on my -- when I was back in the UK for some 20 before but just to confirm once again, does that 20 meetings that we had, because of my previous 21 remain true to the best of your knowledge and 21 engagement with Post Office, I was asked could 22 22 belief? I provide an overview because there were some 23 A. It does. 23 issues, could I just talk to some people and 24 24 Q. Thank you. As I say, because you've given just do a review in my two weeks that I was in 25 25 the UK, take two of the four weeks I was in the evidence, I'm not going to go into detail about 2 1 UK. just to discuss the situation. 1 was missing its key milestones. 2 Q. Broadly, can you tell us what you concluded in 2 Q. Thank you. I'm going to now take you to some 3 3 that report? documents that I took Mr Burley to yesterday. 4 I concluded -- so what I concluded in that 4 I don't think you've seen all of Mr Burley's Α. 5 report broadly was the solution that had been 5 evidence from yesterday; is that right? 6 signed up to was different to what I recall when 6 A. I only saw part of it. 7 I was -- that was being discussed with Post 7 Q. It may be that I'm repeating matters I went 8 Office when I was still on the account back in 8 through yesterday but that's for your benefit 9 2005. That the approaches being used with 9 rather than for everybody else's. Can we look 10 regard to development were not appropriate, and 10 at FUJ00092754, please. These are the "Notes of 11 they should look to do more of a kind of 11 the Horizon Next Generation Joint 12 12 Progress/Release Board" of 28 January 2010. a classic approach, as opposed to an agile 13 13 Mr Burley was the chair and you attended that approach to development, and just gave some 14 explanations as to what I believe needed to 14 meeting; is this something you remember in broad 15 happen to bring the project under greater 15 terms? 16 control. 16 **A**. These were regular meetings that we had, yes. 17 Q. Do you know who asked you to do that report? 17 It's page 3 of that document that I asked 18 A. I believe it was Lester Young, I believe. 18 Mr Burley about yesterday, and it's the second 19 Q. Were there concerns about HNG-X at that stage 19 entry on page 3. It says there: 20 within Horizon, withing Fujitsu? 20 "The delay in the commencement of Volume 21 A. Can I correct myself, I think it was Peter 21 testing means that we will not be able to 22 22 perform a significant amount of testing before 23 Q. Were there concerns within Fujitsu about how the 23 commencing the Medium Volume Pilot. Hence we 24 project was working? 24 will need a significant amount of data to be

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A. It was late. It was already signalling that it

collected from the Live Branches and Data

Centre. The data will also require careful and thorough analysis.

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"AD to confirm how this will be achieved."

Is it your recollection that there was a reduction in the testing before commencing the medium volume pilot, howsoever small it may have been?

A. So that's specific to the volume testing. So we had a volume test schedule and with the volume test schedule it went in stages in different parts of the system but it also blocked out to where we would go to 25 per cent volumes, 50 per cent volumes. The intention of all the testing, what we call laboratory testing, would be complete before we go to pilot and pilot's live testing. So the intention was to complete all the laboratory testing before. We hadn't completed all the volume testing.

We had completed an amount -- I can't recall where we got to, either 25 per cent or 50 per cent loads. It was assessed that to go into a pilot and to go to medium volume pilot, which I believe was around 250 post offices, that we stressed the system sufficiently.

However, what we proposed was we would

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- 1 testing up to 50 per cent -- 25 or 50 per cent
- 2 load to equivalent to 3,000 to 6,000 post
- 3 offices we've tested at scale, in our
- 4 laboratories and the medium volume pilot was,
- 5 I think, 250 or thereabouts.
- 6 Q. The reference in this particular entry about not
  - being able to complete a significant amount of
- 8 testing before commencing the pilot suggests
- 9 that there was less testing.
- 10 A. In the volume.
- Q. In the volume. 11
- 12 **A.** Only in the volume, not in the functional 13 testing of the business application.
- **Q.** Are there risks involved in reducing the amount 14 15 of testing in the volume; howsoever small, are
- 16 there risks in reducing that amount of testing?
- 17 A. Our assessment from Fujitsu was no because we'd
- 18 done sufficient testing for the amount of stores
- 19 that we were going to bounce off -- or post
- 20 offices -- were deploying in medium. However,
- 21 as I've explained, because it was laboratory
- 22 testing, we wanted to put in some additional
- 23 controls just to make sure that what we've
- 24 tested, the results in testing, correlate to
- 25 what we were seeing in live, so give us greater

- 1 monitor -- we were already monitoring the
- 2 performance at the branches. What we would do
- 3 we'd collate those because when you do
- 4 laboratory testing it's in sterile conditions.
- 5 You don't have the real world rounds and
- 6 networks and that, so it's kind of model
- 7 testing. So to give us greater assurance,
- 8 because we hadn't completed up to full load
- 9 testing, we're going to take the performance
- 10 statistics and compare them to our testing
- 11 statistics or our test results to see whether
- 12 what happening live correlates to what we see in
- 13 testing, to give us that greater confidence.
- 14 Would it be fair for me to say that that kind of
- 15 testing that was carried out, or the analysis of
- 16 the data, is less than was originally proposed?
- 17 More. When I say the analysis of the data was
- 18 more, so we hadn't completed the testing. We
- 19 did complete the test within the next four
- 20 weeks, four or five weeks. We hadn't completed
- 21 the testing at that time. So going into medium
- 22 volume pilot, it was -- we hadn't completed the
- 23 testing that we had on the schedule. Was it of
- 24 material impact? We didn't believe so. So we
- 25 did complete all the testing. We completed
- 1 confidence.
- 2 Q. Why would it be proposed originally as an idea?
- 3 A. Proposed?
- 4 Why was it proposed originally that there was
- 5 more testing and that amount of testing was
- 6 reduced or are you saying it simply wasn't
- 7 reduced?
- 8 It wasn't reduced. It was completed. We
- 9 completed all the testing. It was the
- 10 timescales in which we completed the testing.
- **Q.** So they were over a longer period? 11
- 12 Yes. So we continued testing the performance
- 13 whilst we was in pilot. The original plan was
- 14 to complete all our laboratory testing before
- 15
- going into pilot. Only on the performance, we
- 16 continued to test whilst we was in pilot.
- Is there an advantage in completing that testing 17
- 18 before the pilot?
- 19 It allows the team to focus more on the pilot Α.
- 20 because, obviously, we wanted to clear
- 21 everything that we had so we can focus all our
- 22 attention on supporting the pilot. But I don't
- 23 believe it had any material impact on risk or
- 24 anything going into the pilot.
- 25 Thank you. I'd like to take you into the next

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1 document, that's FUJ00097159. Again, it's 2 a document I took Mr Burley to yesterday. It's 3 a meeting of the same day, this time of the 4 release authorisation joint board. Again, is 5 that something you recall, those meetings?

A. Yes, they were the meetings that we used to track our position against the various acceptance case.

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9 Q. If we go over the page, please, and it's the 10 shaded section that I'm going to start with, it 11 says:

> "DC confirmed that there are no outstanding High Severity Acceptance Incidents and that all other thresholds are within tolerance for Acceptance Gateway 3."

The third paragraph says:

"However it was agreed that the high priority fixes in 'Reset 4' ..."

Do you remember what Reset 4 was? A. I believe that's a release that we had, so we had a number of releases that we called, and that was -- basically will be delivered as part -- so we had maintenance releases that went out not just for the programme deliverables but also just for general maintenance patching and

actually meant with regard to risk and that, but one of the options were -- there were some fixes that needed to go in and we couldn't progress. Others were of less impact, some could be cosmetic. Some may be -- and the bigger you make a release, the more risk you put on the timescales that that release will be complete, fully tested and ready to go.

So it was to -- I think the discussion at the meeting was very specific to if we wanted to achieve the milestones, was there anything of less significance that could wait to a later release and would that -- if we did remove that from that particular earlier release -- would that derisk making a timescale?

So it was, you know, we'd -- delivering a programme, you know, you're always looking at

18 the balance of risk and timescales. 19 Q. Absolutely. So you describe risk against 20 progress. Was there, coming from the Post 21 Office, a push -- we've spoken about the delay 22 in the programme, for example. Were they keen 23 on making progress and accepting a greater 24 degree of risk?

25 It depends what part of the Post Office, really. 1 things, and then the Reset 4 would be the 2 programme release that we were to put into that 3 maintenance release.

4 Q. Thank you. So the high priority fixes:

> "... to be delivered as part of [the] Maintenance Release ... could constitute a High Severity [Acceptance Incident] if not delivered in time for the High Volume Pilot ..."

As you said, it's just over 200 branches.

10 If we scroll down, it says there that 11 Mr Burley:

> "MB offered an option to remove items from Reset 04 which are not regarded as High priority -- if they are at risk of missing the High Volume Pilot deadline, or affecting the delivery of items which are High priority."

Is it your recollection that Mr Burley and the Post Office were trying to make it easier and quicker to get the pilot up and running and speed things up a bit?

21 It's an option that's discussed. So with all 22 programmes you have to balance risk against 23 progress. So one of the options that was 24 discussed and was -- we, I think we agreed to 25 actually take away and understand what that 10

1 So within the programme team, we were pretty 2 much joined up at the hip, myself and Mark and 3 our team and his team, in as much as we had 4 a focus on -- there are certain items of 5 delivery that you had to get right before we 6 progress. Others were up for risk assessment. 7 I had pressure from my company. I don't know 8 what pressure he got but I'm sure he would have 9 got pressure outside because people want to see 10

11 Q. Was he making clear to you that he was under 12 pressure to make progress?

progress.

We had an approach where, when we had to potentially signal delays, we would work together to what is the messaging to our joint -- you know, do we agree firstly amongst ourselves that a delay is the right thing? Let's have look at the whole position, look at the risk. If we do agree amongst ourselves that a delay is the appropriate course, then we would work on the messaging to our respective organisations because with that comes quite a lot of disruption in the organisation, quite a lot of disappointment, and what -- we wanted to make sure that the messaging was clear.

So in discussions, it's the normal pressures of a large programme. People want to see it succeed. People want to see it go out, and it's our job to navigate to make sure that we're protecting -- you know, that the risk is being managed appropriately.

Q. If we stick with this document and move to the penultimate page, page 9, there are a couple of issues that are mentioned at the bottom of page 9 and into page 10. These are new actions, 28 January 2010. The first is:

"Branch Trading Statements at Coton House and Warwick. It was confirmed that on screen error messages had occurred at both offices which meant that their Branch Trading Statements could not be completed.

"The root cause position at Coton House was understood, but the Warwick office had additional complexities."

Just pausing there, do you remember this particular issue?

A. I remember there were three issues. We refer to them as the CWD, I think it was Coton, Warwick and Derby, and when we went into pilot and it's the -- 10 or 12 offices, I forget how many, but

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1 A. Correct.

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2 Q. We've seen that only a few days passed and that 3 postponement was reversed. Do you remember 4

A. I recollect that we quickly got to an understanding of the root cause of the Derby, and I recollect that we had a fix and that fix had to go in before we could progress because it was significant, because it was a data integrity issue. Geoff Butts led on the other two because he is my deployment migration manager.

If I remember -- I might get these in the wrong order. I believe Coton was to do with the migration itself, ie the migration tooling not completing its data downloads and we had a workaround, ie we would do the download through the migration tooling from Horizon to HNG-X, and I believe we would do a -- we -someone had written a script to check is it complete as a compare. If it's not, we will repeat the downloads to complete it.

So we still went through the migration tooling, so where we were satisfied that whilst we had to fix the migration tooling, that we could avoid that happening again.

1 there were a small number of offices, we now

2 moved into a live situation. So what we put in

3 was a huge amount of support, huge amount of

4 monitoring, because it's still test, the pilot

5 is still test, and there were three different

6 incidents that come up and they are two of the

7 three.

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8 Q. Thank you. If we scroll down, "Double 9 settlement at Derby".

10 Yes, that's the other one. That's the third.

11 Can you tell us about that particular issue?

12 That was of greater concern because that one had 13 potential integrity implications. So I remember 14 at the time -- so I'm much closer to that one, 15 so I took ownership of that because of the 16 potential severity of that. The other two were,

17 on the initial assessment, more to do with

18 operational rather than integrity.

19 Then looking below, it says:

> "Decision -- Postponement of the next 10 branches. Based on the lack of a known root cause for AG3.70 [the first of those two] and AG3.71 [the Derby issue] it was agreed that the next 10 branches should be postponed until the impact and way forward is fully understood."

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1 The Warwick one. I believe that was to do 2 with reporting, in as much as the underlying

3 data was correct but there was a report that was

4 created and it wasn't the report -- figures in 5 the report were incorrect.

6 Q. We'll come to the report issue. I think 7 ultimately actually the Warwick one involved 8 a node as well and it's a bit more complicated.

9 Α.

10 Q. We don't need to go into the detail of that 11 right now.

12 However, but I think by the time -- within --13 you know, we worked over the weekend on this. 14 I do remember that everyone was in over the 15 weekend and we satisfied ourselves that we had 16 fix for the Derby one, which was the critical one, and we had, I believe, appropriate way 17 18 forwards or we had proposed, because we can only 19 propose potential workarounds, it's for Post 20 Office to accept whether they're acceptable or not. So we had a proposal, which I believe was

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23 I don't know how quickly we went into, but 24 it wasn't long, two weeks later we went.

25 So the postponement was largely or significantly 16

- because you recognised the importance of mattersthat impacted on data integrity?
- A. All three we need to assure ourselves that, you
   know, but certainly data -- that there was a way
   forward that would -- that we could mitigate any
   impact. But certainly data integrity was the

postponement, yes.

Q. Can we look at FUJ00092875, please. It's page 3
of that document. It's an email from yourself,
which addresses the decision to deploy HNG-X to
a further ten branches. This is 3 February now
so it's very shortly after you explained there

was work over the weekend. It says there:

"The decision has been taken to deploy HNG-X to a further 10 branches with the migration button being pressed tomorrow for migration to complete Friday."

There were, however, still two outstanding issues, the first is the branch trading statement issue, and it says there:

"This is where the in day migration process that happens once a branch hits the migration button is not correctly migrating across the summary data. This data is used to produce the branch trading statement", et cetera.

- A. In a sense that if we felt that the risk was manageable to move forward, and that was our proposal, we had a workaround to an issue or something, Post Office, if they say they're not comfortable, they're the customer. It's their business. They have the final say on programmatic decisions.
- 8 Q. It's paragraph 4 of this email that I took
   9 Mr Burley to yesterday and I will read that for
   10 you. It says:

"We had a meeting with Post Office this evening which Mark Burley led from the Post Office side. Post Office are desperate for a date to start planning/rescheduling medium volume pilot. They accepted our position that we were not able to give this today. I expect that Mark will be keeping Dave Smith briefed and my reading is that if we are not in a position to give a target date by [close of play] tomorrow it's likely to result in an escalation to Mike Young."

Certainly the impression that's given there is that pressure is being put on Fujitsu to get on with things and that, if they don't, then it will be escalated. Am I wrong to form that

1 The second issue being counter pauses in 2 live:

"Yesterday and today a number of branches reported 'screen freezes' whilst operating HNG-X."

6 A. Mm.

**Q.** So is it fair to say that you were very much
8 aware that there were still outstanding issues
9 that you needed to get to the bottom of but the
10 decision was taken to deploy HNG-X to a further
11 ten branches because you were sufficiently
12 satisfied with the work you had done over that
13 weekend?

14 A. We proposed that -- we make -- well, we jointly
 15 looked at the position with the joint programme
 16 team and our proposal was to -- we satisfied
 17 ourselves the risk was manageable.

18 Q. Thank you. Your evidence is very much about
19 joint decisions and joint working. Was there
20 a difference in opinion at all on these kinds of
21 issues between Fujitsu and the Post Office?

A. Sometimes. On occasion there would be -- we
 would propose something but Post Office would
 have the final say.

25 Q. In what sense?

1 impression?

A. Get on with things. So the situation is specific here, is -- so Post Office were responsible for the business change activities associated with the programme and we're now into live pilot and, therefore, there's a lot of communications, planning, you know, lining up of post offices. So "desperate" is my word, you know, that's my word, in as much as, you know, being a qualified programme manager, and understanding the pressures that they'll be under, is that what we had is a situation where we halted the pilot, we're going cautiously into the continuance of the low volume pilot, which was always intended to be around 20 offices.

They would have had all the communications, all the countdowns, people lined up for the medium volume pilot because you do that many days before, like 45 days before there's a big chain. Now we're into a set of uncertainty where we're signalling in to both organisations and they're having to signal in to their business that they've paused and they cannot confirm dates of when we can line up so the Post Office would have been communicated to some of

those that they had dates. They now had to be communicated to, to say they're paused, but we can't tell them when because we haven't yet got to the root causes of those problems. So it wasn't a case of we just need to get on to do the pilot; we needed to understand how long would it take us to resolve those problems.

So once we get to the root cause we can then assess is it a quick fix? Is it a long, complex fix that's going to take several weeks? And we need to give -- you know, Fujitsu needs to give Mark and his team an indication as to what are their planning assumptions they can make so that when they communicate to post offices, as opposed to leaving them, we're going to delay the deployment but we don't know when to, they can be more certain as to kind of provide that.

It kind of -- it's better when you're communicating out that you can give someone alternative dates or a clear understanding of expectations. At this point we couldn't give Post Office an expectation of how long it will be before we can go into medium pilot and that was the key. So for me, my take, he needs to know that because if he doesn't, the business

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- Q. Where was that pressure coming from?
- 3 A. Well, it comes from within because we have
- 4 committed to a plan, so -- and then we have to
- 5 explain when we, we're not making key milestones
- 6 that impact both organisations, and also, now
- 7 because we're in pilot, we're not -- you know,
- 8 it's not just impacting the people working on
- 9 the programme. Delays and issues impact the
- 10 business. So that there's the pressure to get
- 11 it right, there's a pressure to be clear in
- 12 communications and there's a pressure to, you
- 13 know, successfully deliver the programme.
- 14 Q. So although "desperate" itself is your
- 15 language --
- 16 A. Yes --
- 17 Q. -- you would accept that there was pressure
- 18 coming from the Post Office to get on with the
- 19 pilot?
- 20 A. And from Fujitsu, yes.
- 21 In terms of an escalation to Mike Young, what
- 22 did that involve?
- 23 A. It's my assessment that I needed to brief my

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- 24 senior executives because it could very well,
- 25 that if, by telling post offices that the

- 1 will start to ask questions, it goes up for
- 2 their management, it goes to their management,
- 3 and it creates a lot of distraction.
- 4 Q. Mr D'Alvarez, did you hear Mr Burley's evidence
- 5 on this or have you been told about Mr Burley's
- 6 evidence --
- 7 A. I only saw about half hour of his evidence, and
- 8 it was really around Horizon, which surprised me
  - because I didn't recognise him working on
- 10 Horizon.

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- 11 You were quite careful today to distinguish the
- 12 word "desperate" as being your word rather than
- 13 his. Is that something you've given some
- 14 thought to?
- 15 A. It's just me, you know, just saying that he's
- 16 desperate because you asked me because there
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- 18 Q. Yes.
- 19 That's my, you know --
- 20 The impression that you're giving today is that
- it was quite a calm atmosphere, and --21
- 22 A. (The witness laughed)
- 23 Q. -- there wasn't pressure being brought,
- 24 despite --
- 25 A. No, there was a lot of pressure. A lot of

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- 1 schedule times were being delayed, not giving
- 2 them further information as to alternatives and
- 3 that, things typically go up the chain, up their
- 4 management. They would go up, it would go to
- 5 my -- it would go to someone who is sitting over
- 6 the programme and then they would call my
- 7 executive.

- 8 So it's a briefing to say "Be prepared, this
- 9 is the position, you may well get a call from
- 10 Mike Young because he may well get
- 11 an escalation, either from within his programme
  - or from outside his programme".
- 13 So for them to be aware of the situation and
- 14 not be seen not to understand what's happened.
- 15 And also I needed to brief Fujitsu as well,
- 16 because it's a delay which causes us pain.
- 17 Q. Pain in what sense?
- 18 Because we got teams lined up, time is cost.
- 19 Q. Can we look at FUJ00093056, please. This
- 20 a "Horizon Next Generation Progress Joint Board
- 21 Meeting" of 11 February 2010. Again, Mr Burley
- 22 is the chair and you're listed there as
- 23 attending.
- 24 Can we look at page 4. About halfway down 25
  - the page on page 4, we get to the BTS issues at

3 "BE to scan for the latest BTS reports from 4 Warwick", et cetera, et cetera. 5 So that's just an update there in relation 6 to the Warwick issue that we spoke, the branch 7 trading statement issue. 8 Over the page, the final substantive entry in that table, there's a separate issue. It 9 10 says: 11 "Error message is seen at branches but not 12 flagged up by FS [that's Fujitsu] monitoring 13 systems. The following message [appears]", 14 et cetera. 15 Was it typical, common, or do you recall 16 instances where error messages may be seen at 17 branches, but aren't flagged up to Fujitsu's own 18 monitoring systems? 19 A. So this was a new system. We're going into 20 pilot. The -- not only -- okay, so if we can 21 just step back a bit. So the whole premise of 22 HNG-X had three different elements to it, and 23 I think the whole premise was the business 24 processes didn't change, so it wasn't a business 25 transformation; it was a technical 25 1 the postmaster got impacted or the clerk got 2 impacted. So that would result in to helpdesk. 3 It may not -- if we monitored that, we may 4 not have been able to intercept it before the 5 postmaster, I don't know that particular issue 6 but that was specific to making sure that our 7 monitoring was properly tuned through the pilot. 8 Q. Irrespective of that particular issue, do you 9 remember instances where error messages or other 10 things might be seen by the subpostmaster that 11 wouldn't be flagged by Fujitsu's own monitoring 12 systems? 13 A. That document reminded me of an instance. 14 I can't recall one -- others, but there may well 15 be. 16 SIR WYN WILLIAMS: Mr Blake, I'm sorry to interrupt 17 you but my screen is just showing "Post Office 18 Horizon IT Inquiry", and I'm not seeing either 19 of you at the moment. 20 Now, I am. That's fine. 21 MR BLAKE: Let's move on to FUJ00094192, we're now 22 at 18 February. It's another meeting of the 23 board. 24 Can we look at page 3. Towards the bottom 25 of page 3, it's again the Warwick issue. We can 27

Warwick again. They're mentioned again and it

says they're new BTS issues in Warwick:

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1 transformation. 2 And it was based on -- I think there were 3 two key drivers. But there was a data centre 4 element where we were migrating into Fujitsu 5 secure data centres. There was a technical 6 refresh of the back end and there was a refresh 7 of the application. 8 So with all those we had to -- you know, we 9 didn't -- it's not a case we're putting a new 10 application in and we're tuning the system, or 11 we have a system that's already working; we have 12 a whole new infrastructure and everything else. 13 So we had to put in the monitoring and that and 14 with monitoring, if you put too much -- if you 15 monitor everything, you can't see the wood for 16 the trees because, you know, you don't know 17 what's important. 18 So it's getting the tuning and the 19 monitoring right. So in the early pilots, part 20 of the pilot is if we're -- if there are issues 21 that are being seen in the Post Office that 22 impact the branches and we didn't pick it up in 23 our monitoring, we had to make sure our 24 monitoring was extended for that. But what that 25 meant was we didn't get advanced sight before 26 1 see there it's shaded, and I mentioned earlier 2 the issue of, I think -- arranged for a base 3 unit swapout at Warwick, so it seems as though 4 the Warwick solution wasn't just a software 5 solution, it was a hardware solution; is that 6 a fair interpretation? Node 6? Or is that --7 have I misunderstood that? 8 I don't know the reasons for that. That could, 9 as I say, Geoff Butts was the lead on the 10 Warwick one. Whether that was felt as an added 11 precaution or whether that was felt as 12 necessary, I couldn't say. 13 Q. Are you able to assist us at all with the words 14 there around not setting a precedent? 15 A. We're not setting a precedent that if you have 16 issues, I'd expect that we don't want to --17 every time there's an issue in the Post Office, 18 that we would go and swap out a counter. 19 Because that would be not appropriate. 20 **Q.** It would be expensive, certainly? 21 Not -- and again, that leads me -- those words 22 lead me to conclude, but without any facts 23 behind it, that that was just a secondary 24 precaution, as opposed to a necessary step.

Q. Can we go over the page, please, to page 4,

1	"Volume Testing", so I think you've said volume
2	testing was occurring during the pilot.

3 **A.** Mm-hm.

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Q. "LF reported that problem encountered to date
with the first phase of volume testing have put
the target end date of 20th February at risk.

"GA to reassure that correct resources are in place to resolve any problems as soon as possible."

Then you have there LF -- I think that's Lee Farman of the Post Office -- was confident that the correct focus is now in place. Is this something you remember at all?

- A. It's just that we took the decision to do volume
   testing and volume testing is quite complex. So
   it's very much stop/start.
- 17 Q. It seems as though it was closed because Mr --do you remember Lee Farman at all?
- A. Yeah, he was in the joint testing. He was one
  of their leads. I believe there was two,
  I can't remember the other person's name. If
  you told me I would. I believe he was on the
  non-functional side of testing.
- Q. Was reliance placed on him and the Post Office
   to assure you that you could get on with things
   29

1 final report, I think, and it says:

"PN to check if the proposed workaround is acceptable to the business.

"Permanent fix targeted for R01.08. However; this is dependent on the acceptability of the workaround, it may need to be a Hot Fix."

Is this something you recall at all?

- 8 A. Isn't that the Warwick issue? It's -- it looks9 similar to the Warwick issue to me.
- 10 Q. I think it's fair to bring to your attention the11 entry that is below that, which says:

"NOTE: for the avoidance of doubt, any
workarounds have to be agreed by POL before
implementation."

15 Is that something you recall?

- 16 A. Yes.
- 17 Q. Was that always enforced?
- 18 **A.** Yes.

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19 **Q.** If we go over the page to page 5, and the bottom 20 three entries in that table, we have:

21 "MB [I think Mr Burley] thanked GA, DR and 22 their teams for all their efforts in ensuring 23 that the manual BTS fixes were successful

24 applied as required."

Do you remember at all what the manual BTS 31

- 1 at that stage? So it seems as though it was
- 2 closed because he was confident that the correct
- 3 focus was in place. You've described a lot of
- 4 your working relationship to be a joint one.
- 5 **A.** Mm-hm.
- 6 **Q.** But certainly it seems to have been closed7 because he had confidence.
- 8 A. Yeah. So he would work closely with my test
   9 lead, Debbie Richardson. They shared the same
   10 environment. They were both based in Bracknell,
- on the same floor, in the same area.
- 12 Q. But she's not mentioned there. Is it because13 ultimately the decision to progress matters lay
- 14 with the Post Office, or --
- 15 A. Correct.
- 16 Q. Do you recall what the problems were that you
  17 encountered at that particular stage? It may be
  18 too specific a question because it's 18 February
  19 2010.
- 20 A. No, I don't recall. I don't recall.
- Q. If we scroll down that page, there is the
   reference to the "Trial Report/Final Balance
   Issue". So this is an issue we addressed
- yesterday where the balance sheet prints the
- 25 correct report in the trial report but not the

- 1 fixes were?
- 2 **A.** No.
- 3 **Q.** Then the "Warwick Issue due to BAL node failure" is mentioned below that. Does that assist you
- 5 at all with the Warwick issue?
- 6 A. I can't recall it.
- Q. Can we move on then to FUJ00094268. This wasan email chain I took Mr Burley to yesterday and
- 9 it relates to the balance trading statement
- 10 issue. It's slightly difficult to read.
- 11 I think if we start at page 10. Was this
- 12 something that you saw in yesterday's evidence
- 13 or --
- 14 **A.** No.
- 15 Q. -- do we need to spend a bit of time on the16 actual content?
- 17 **A.** No, I didn't.
- 18 Q. Okay, so let's look at page 10.
- 19 **A.** This is in my pack though, I recognise this from20 my pack.
- 21 Q. There's an email from Geoff Butts to Will
- 22 Russell, Mark Burley, Barry Evans, et cetera.
- 23 If we go over the page, we can see the issue
- 24 there. You were copied into this email?
- 25 A. Yes.

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1 Q. Can I just ask you to read to yourself that 2 paragraph and see if that refreshes your memory 3 about what this particular issue is?

4 A. So:

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"This is to confirm the position on a fix for the BTS issue whereby printing the Trial Balance Report for BTS results in incorrect data being displayed in the Final Balance Report. A fix can be delivered and tested for inclusion within the 01.08 Maintenance Release as a counter fix. In the meantime, branches need to use the BTS Trial Balance Report, which is correct and discard the BTS Final Balance Report, which is incorrect."

15 Q. Yes. Does that jog your memory about this 16 particular issue?

17 A. It does. This is what -- Geoff was leading on 18 the Warwick issue and I did keep abreast as to 19 the progress on that.

20 Q. So you say keep abreast, some of these are sent 21 to you, you're copied into some.

22 A. Mm-hm.

23 Q. What kind of a role did you play in this 24 particular issue?

25 A. Well, Geoff reported in to me, and so when we 33

A. I remember Geoff highlighting to me that the issue was wider and I gave Geoff the advice to make sure that our legal counsel was now engaged in making sure. So I believe this was Geoff looking at the incident as a technical incident, proposing a workaround, and then the response is "That workaround, are you sure because it's a legal document?"

So I do remember Geoff raising it, I do remember specifically me saying to Geoff saying "Would you make sure that Jean-Pierre is now engaged on this?"

13 Q. Do you remember whether Geoff was concerned by 14 the fact that it was a legal document?

15 A. I wouldn't say "concerned", we knew that we now 16 had to make sure that anything we proposed and 17 go forward with, our legal people are happy with 18 our proposal. But, again, ultimately I'd expect 19 also Post Office to make sure their legal people 20 were happy with any, if we were to go forward 21 without a fix. So I don't know what -- I can't 22 recall how we actually went forward with this 23 one but if we went forward with a workaround and 24 not a fix, I would expect everyone to be

consulting their legal counsel as this is

had -- as I say, earlier in the pilot there are three significant issues that were raised: one was at Coton, one was at Warwick, one was at Derby, ie I said to Geoff I will take ownership of the Derby one that had -- in the initial review of those incidents it had data integrity implications, and he took leadership because that was his role.

He was the person that was heading up deployments and heading up what we call Hypercare, ie the additional support given to pilot sites. He took the leadership or the lead role in resolving these issues.

14 Can we look at page 9, please, which is 15 a response to Mr Butts from Mark Burley. If we 16 scroll down to page 9, he says there:

"Geoff

18 "Thanks but can I ask who you have agreed 19 this workaround with? This is a legal document 20 and there is a difference between a trial 21 balance and a Final Balance. I would always 22 expect CS to have a KEL for this -- if agreed --23 to be able to explain the position to any 24 subpostmaster who calls in."

Do you remember this?

1 a legal document.

2 Q. Would it be typical where fixes or workarounds 3 affected what are described as legal documents, 4 or documents used in legal proceedings, to be 5 escalated within the company, as you say, to 6 general counsel and others.

7 We had a legal department so if there's anything 8 which we felt provided an issue with regards to 9 either integrity or any other legal aspect to 10 our system, we would engage -- we should engage 11 and my expectation is we did. I always engaged 12 the legal and I had advised Geoff in this 13 instance to engage with our legal team.

14 Was there anybody else within management outside 15 of legal who you would typically consult with in 16 relation to those kinds of issues?

17 I would certainly inform -- at this stage, 18 I believe, Gavin Bounds was on the account. He 19 was the account business unit director. So I'd 20 make him aware.

21 Can we look at page 4 and scrolling into page 5, 22 please. This is the -- an email to Phil Norton 23 from -- I believe it may be from Gareth Jenkins, 24 and it says:

25 "Phil.

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1		"Alan D'Alvarez has asked me to respond to
2		your concerns below.
3		"I'll try and explain the issue and what has
4		caused it.
5		"I assume you've seen the attached write-up
6		of the issue which was sent to Barry Evans (and
7		others)"
8		Then there's an explanation of the problem.
9		Do you remember asking anybody to assist
10		with this particular issue?
11	A.	So I believe Geoff was on leave. Geoff wasn't
12		around because Geoff was leading on this. So
13		Geoff was on leave. So I asked who was
14		supporting Geoff in the investigations into that
15		and was told that Gareth was. So I spoke with
16		Gareth and asked him, "I got a response from
17		Post Office, Geoff is on leave, could he please
18		look at this and provide a response to Post
19		Office?"
20	Q.	What did you understand Gareth Jenkins' role at
21		this stage to be?
22	A.	So Gareth Jenkins' role, he was always on the
23		Horizon side and when we was migrating over to
24		HNG-X, because I believe when we went live with
25		Horizon, he we'd become part of a customer
		37
1		report being a legal document?
1 2	Α.	report being a legal document? I just recall discussing with Geoff that that
	Α.	
2	A. Q.	I just recall discussing with Geoff that that
2		I just recall discussing with Geoff that that position, because Geoff discussed it with me.
2 3 4		I just recall discussing with Geoff that that position, because Geoff discussed it with me.  Do you recall Mr Jenkins as being someone who
2 3 4 5		I just recall discussing with Geoff that that position, because Geoff discussed it with me.  Do you recall Mr Jenkins as being someone who was aware of the significance of a report such
2 3 4 5 6	Q.	I just recall discussing with Geoff that that position, because Geoff discussed it with me.  Do you recall Mr Jenkins as being someone who was aware of the significance of a report such as that for legal proceedings?
2 3 4 5 6 7	Q.	I just recall discussing with Geoff that that position, because Geoff discussed it with me.  Do you recall Mr Jenkins as being someone who was aware of the significance of a report such as that for legal proceedings?  I'm not aware, but I he's our expert so
2 3 4 5 6 7 8	Q.	I just recall discussing with Geoff that that position, because Geoff discussed it with me.  Do you recall Mr Jenkins as being someone who was aware of the significance of a report such as that for legal proceedings?  I'm not aware, but I he's our expert so I would have an expectation that he would be
2 3 4 5 6 7 8 9	Q.	I just recall discussing with Geoff that that position, because Geoff discussed it with me.  Do you recall Mr Jenkins as being someone who was aware of the significance of a report such as that for legal proceedings?  I'm not aware, but I he's our expert so I would have an expectation that he would be aware.
2 3 4 5 6 7 8 9	Q.	I just recall discussing with Geoff that that position, because Geoff discussed it with me.  Do you recall Mr Jenkins as being someone who was aware of the significance of a report such as that for legal proceedings?  I'm not aware, but I he's our expert so I would have an expectation that he would be aware.  Were you familiar at this time with his
2 3 4 5 6 7 8 9 10	Q.	I just recall discussing with Geoff that that position, because Geoff discussed it with me.  Do you recall Mr Jenkins as being someone who was aware of the significance of a report such as that for legal proceedings?  I'm not aware, but I he's our expert so I would have an expectation that he would be aware.  Were you familiar at this time with his involvement in any criminal or civil
2 3 4 5 6 7 8 9 10 11	Q. A. Q.	I just recall discussing with Geoff that that position, because Geoff discussed it with me.  Do you recall Mr Jenkins as being someone who was aware of the significance of a report such as that for legal proceedings?  I'm not aware, but I he's our expert so I would have an expectation that he would be aware.  Were you familiar at this time with his involvement in any criminal or civil proceedings?
2 3 4 5 6 7 8 9 10 11 12 13	Q. A. Q.	I just recall discussing with Geoff that that position, because Geoff discussed it with me.  Do you recall Mr Jenkins as being someone who was aware of the significance of a report such as that for legal proceedings?  I'm not aware, but I he's our expert so I would have an expectation that he would be aware.  Were you familiar at this time with his involvement in any criminal or civil proceedings? I understood from my original tenure on Horizon
2 3 4 5 6 7 8 9 10 11 12 13	Q. A. Q.	I just recall discussing with Geoff that that position, because Geoff discussed it with me.  Do you recall Mr Jenkins as being someone who was aware of the significance of a report such as that for legal proceedings?  I'm not aware, but I he's our expert so I would have an expectation that he would be aware.  Were you familiar at this time with his involvement in any criminal or civil proceedings? I understood from my original tenure on Horizon that he and others had given evidence.
2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. A. Q.	I just recall discussing with Geoff that that position, because Geoff discussed it with me.  Do you recall Mr Jenkins as being someone who was aware of the significance of a report such as that for legal proceedings?  I'm not aware, but I he's our expert so I would have an expectation that he would be aware.  Were you familiar at this time with his involvement in any criminal or civil proceedings? I understood from my original tenure on Horizon that he and others had given evidence.  If we look at page 1, there is the email from
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. A. Q.	I just recall discussing with Geoff that that position, because Geoff discussed it with me.  Do you recall Mr Jenkins as being someone who was aware of the significance of a report such as that for legal proceedings?  I'm not aware, but I he's our expert so I would have an expectation that he would be aware.  Were you familiar at this time with his involvement in any criminal or civil proceedings?  I understood from my original tenure on Horizon that he and others had given evidence.  If we look at page 1, there is the email from Phil Norton at the Post Office to yourself. He has met with the Finance team to discuss the issue and he sets out deliverables that he would like, including:  "A complete and comprehensive list of all
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. A. Q.	I just recall discussing with Geoff that that position, because Geoff discussed it with me.  Do you recall Mr Jenkins as being someone who was aware of the significance of a report such as that for legal proceedings?  I'm not aware, but I he's our expert so I would have an expectation that he would be aware.  Were you familiar at this time with his involvement in any criminal or civil proceedings? I understood from my original tenure on Horizon that he and others had given evidence.  If we look at page 1, there is the email from Phil Norton at the Post Office to yourself. He has met with the Finance team to discuss the issue and he sets out deliverables that he would like, including:  "A complete and comprehensive list of all products where the volumes on the Final Balance
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. A. Q.	I just recall discussing with Geoff that that position, because Geoff discussed it with me. Do you recall Mr Jenkins as being someone who was aware of the significance of a report such as that for legal proceedings? I'm not aware, but I he's our expert so I would have an expectation that he would be aware. Were you familiar at this time with his involvement in any criminal or civil proceedings? I understood from my original tenure on Horizon that he and others had given evidence. If we look at page 1, there is the email from Phil Norton at the Post Office to yourself. He has met with the Finance team to discuss the issue and he sets out deliverables that he would like, including:  "A complete and comprehensive list of all products where the volumes on the Final Balance differ

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services and, I believe, an architects group.

There was an architects group, general outside of the programme. And his role was basically as a senior architect, he was acknowledged on the account as an expert on the counter applications.

So I'd expect that Geoff, because this is about balance sheets and things, to go to our

So I'd expect that Geoff, because this is about balance sheets and things, to go to our expert on the account as to "Could you now look at this as an issue" because, as I said, what -- in Horizon, what we did not do was change the business processes, or it was not a business transformation it was a refresh of the technology and how we actually supported their stuff.

So Gareth would be very knowledgeable as to what the consequence of balance trading statements are in respect of the business.

- 19 Q. He identifies there in paragraph 4 that there's
  20 a bug in the way that the report is produced
  21 such that some of the in-memory copy of the data
  22 is overwritten when the trial BTS is produced.
- 23 A. Yes.
- Q. Do you recall discussing with Mr Jenkins the
   concerns within this email chain about the trial
   38

1 "A commitment to support POL in proving the 2 integrity of the system in any subsequent legal 3 action (specifically where the difference in the 4 two reports is used as a means to challenge the 5 integrity of the system)."

Is this something you remember being requested by the Post Office?

8 I remember -- well, I obviously received that 9 e-mail. I don't remember specifically at the --10 you know, from memory, but from my pack 11 I remember I can see I received the email and 12 I forwarded it to Geoff because, as I said, 13 Geoff was leading on this particular one. And 14 then also, in a previous conversation with Geoff 15 I advised him to make sure that our legal team 16 was fully engaged with any responses we gave on 17 this subject.

- 18 Q. Why would Phil have sent it to you rather thanto Geoff?
- A. Perhaps -- well, I was the programme lead.
   I was the head person. So I assume Phil felt it
   significant enough to send it to the person that
   was leading the -- you'd have to ask Phil.
- Q. Was it typical to you to be asked by the Post
   Office to provide a commitment to support POL in

- 1 proving the integrity of the system?
- 2 A. No.
- 3 Q. Was this something novel?
- 4 A. I wouldn't say novel. It wasn't something that
- 5 was typical. When I saw that -- as soon as
- 6 I saw that, I recognised that we needed to
- 7 engage our -- you know, make sure that, as it is
- 8 a legal document, anything that we propose, we
- 9 ourselves assure ourselves that we're not
- 10 compromising Post Office.
- 11 Q. Did it concern you at all?
- 12 A. On concern me, it concerned that with all issues
- that impact the end customer is a concern. This
- was a serious issue and that's why we had, you
- know, appointed one of my senior people to take
- ownership to getting it resolved. There will be
- 17 a number of bugs that will be raised during
- 18 a pilot. Many of those just will be managed by
- 19 the resolver groups, ie it goes through the
- 20 process.
- The serious of the Coton, Warwick and Derby was recognised and we put senior people on to
- 23 make sure that we understood fully what was
- 24 going on and our -- and we had a proper
- resolution and that we were satisfied that the
  - 4
- 1 head of programme and project management for the
- 2 public -- private services division which Post
- 3 Office was part of.
- 4 SIR WYN WILLIAMS: (Unclear) -- so that I make
- 5 sure -- I know there's a transcript but I'd like
- 6 to get that name accurate, if I could, please.
- 7 A. Kostuch, K-O-U -- I believe K-O-U-T-U-C-H, (sic)
- 8 I believe that's the spelling.
- 9 SIR WYN WILLIAMS: Thank you very much.
- 10 A. He was the person that was the head of programme
- 11 project management and I said, we have
- an incident here, and it's quite significant.
- 13 He then engaged the lead technical person in
- 14 the -- who was -- the name will come to me, I'm
- 15 sure -- and we agreed that we will get
- 16 an independent review of the decision because
- 17 there was two aspects which I was concerned
- 18 about: one, there was that defect which was
- an integrity defect; and secondly, we didn't
- 20 pick it up in our testing, in our laboratory
- 21 testing, we picked it up in the pilot, which is
- 22 a test phase. And we needed to understand,
- "Well, hold on, if that happens, we can't just
- say we fix that bug and just move on. Is there
- 25 something inherent?"

- 1 resolution was that the right resolution.
- 2 Q. Having seen in the previous months that there
- 3 were these issues cropping up -- bugs, as you
- 4 described them -- do you recall your reaction to
- 5 being asked to support the Post Office in
- 6 proving the integrity of the system in any
- 7 subsequent legal action?
- 8 A. My -- I can't recall my reaction but it would be
  - make sure that our legal counsel understands
- 10 that we had this request and anything we provide
- 11 back, they need to assure.
- 12 Q. Would you have thought that you could prove the
- integrity of the system in any subsequent legal
- 14 action?

- 15 A. The -- that's an interesting question. Well,
- 16 that's a question which, because of the Derby
- 17 incident, there was an incident in Derby in
- which there was a double entry, and that clearly
- 19 had integrity issues. Because of that incident,
- 20 I immediately went to my senior in the
- 21 organisation and said, "We've received it" --
- 22 and that was Maz Kostuch, so I worked in the
- 23 programme project management organisation --
- 24 Q. Sorry that was who, sorry?
- 25 A. Someone called Maz Kostuch. Maz Kostuch was the

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- 1 So we arranged for some experts, application
- 2 experts, there was two of them, I forget their
- 3 names, immediately assigned them to this,
- 4 dropped all their other work, and they undertook
- 5 a review of the solution of the testing and gave
- 6 a repo
- 7 MR BLAKE: We'll come to that report shortly --
- 8 A. So it's that report that led me to have
- 9 confidence that the integrity of the system was
- 10 good.
- 11 **Q.** We'll come to some documents but do you recall
- the end result of this request from Phil Norton?
- 13 A. It's in my pack. I kind of briefly skimmed over
- 14 it but it was a response that Geoff prepared,
- went to counsel, and I believe that was sent to
- 16 Phil.

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- 17 Q. Thank you. We'll go through that now. Can we
  - look at FUJ00094472. This isn't the response
- 19 itself, but this is -- shows the sequence.
- These are further board minutes of the
- 21 11 March 2010. If we could turn to page 3
- 22 please. Thank you.
  - At the bottom there it refers to the "Trial
- 24 Report/Final Balance issue":
  - "PN to check if the proposed workaround is

1		acceptable to the business", et cetera.	1		an integrity statement?
2		But it's the right-hand column that sets out	2	A.	No.
3		the sequence, so we have 25 February:	3	Q.	In terms of the resolution of this particular
4		"POL have requested that this be a Hot Fix	4		issue, irrespective of the ultimate issue that
5		as it is required before we migrate any further	5		this branch trading statement may not ultimately
6		branches.	6		matter for the sake of this Inquiry, but in
7		"Fujitsu to ensure deliverables listed in PN	7		cases of a bug of this nature, would you expect
8		email for current live branches are	8		the Post Office to have told all branches,
9		included.	9		cascaded the information down or do you think
10		"[4 March] GB has received feedback on	10		that, a bug of this nature, it would be
11		integrity statement from Fujitsu legal. Info	11		sufficient for it to be on a Known Error Log for
12		will be forwarded to PN."	12		subpostmasters to call in and, if they have
13		Then 11 March:	13		a problem, that would be known on the Known
14		"PN has passed statement to P&BA who are	14		Error Log?
15		reviewing with POL Legal team. PN will feed	15	A.	So, there's two aspects to that. Firstly, we
16		back to GB."	16	۸.	had to fix it. So if a Post Office hadn't
17		This kind of collaborative approach on	17		received a release, there was no reason to
18		an integrity statement, is this something that	18		inform them. I don't know how Post Office
19		you recall, is this something that was typical?	19		themselves communicated this. Would it be
20			20		reasonable to advise those Post Office that were
		Am I right or wrong to say that it was			
21		a collaborative approach?	21		participating in the pilot test phase? That's
22	Α.	Yes, it was a collaborative approach. We worked	22		an advisable approach I don't know, we didn't
23	_	as a joint team.	23		have that discussion that they were
24	Q.	Do you recall other collaborative approaches of	24		responsible for communications to their
25		this nature with regards to the drafting of 45	25		business. 46
		+0			40
1	Q.	What would your recommendation be, though, for	1		their staff to do something different, that must
2		something that affects the trading statement?	2		be communicated to them for that workaround to
3		How looking at a recommendation for the	3		be effective.
4		future or something along those lines, if you	4	Q.	Is your recollection that workarounds were
5		come across an issue that has been phrased as	5		routinely communicated to subpostmasters or only
6		affecting a legal document, the trading	6		communicated to those who phoned the helpdesk
7		statement itself, do you think it is sufficient	7		with a problem?
8		for it to be placed on the Known Error Log or do	8	A.	It depends on the workaround. So if the
9		you think more action should be taken to draw	9		workaround is as part of your what you do for
10		that to subpostmasters' attention?	10		your daily business, you have to apply this
11	A.	My understanding was that the workaround was to	11		because the solution is not quite performing as
12		use the trial balance report.	12		we expect to it, that should be proactively
13	Q.	Yes.	13		communicated. If there's an issue where there
14	A.	If that's a workaround, that workaround will get	14		is perhaps a failure you gave an example
15		communicated to postmasters because it's	15		before an error message. You know, sometimes
16		a workaround, ie a workaround is there's a known	16		error messages could come up.
17		issue, to work round this issue, this is what	17		We wouldn't necessarily it's not
18		we're asking you to do. We'd also have it on	18		necessarily appropriate just to say to everyone,
19		the known error list because a postmaster may	19		"Here's 101 workarounds" or there's ten
20		have forgotten about it or not read the advisory	20		workarounds or whatever the number is but that
21		notice and, therefore, phoned up the service	21		might be sporadic, comes up once or twice,
22		desk and it will be on a known error so they	22		therefore it's appropriate for the service desk
23		could then give that same advice.	23		to have that as a known error, that if they do
24		But a workaround is very much something	24		get a call they can say "Ah, it's a known error,
		_ x. a 10 101 j maon comouning			3

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which, if it means asking the postmaster or

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this is how you workaround that error. So it

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•		aspenas on the normal same.
2	Q.	Still on this document, another topic I'll
3		return to this topic but just while we're on
4		this document can we just look at page 5,
5		please. There's reference there to the
6		excessive number of recoveries and screen
7		freezes

depends on the workground

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If we go to the third entry, the third row down, it says, "Excessive number of Recoveries/Screen Freezes" and on 11 March that's closed, and it says:

"Superseded by introduction of r108 at data centre which has significantly reduced the screen freezes. The data on recoveries is being separately progressed by IT and Gareth Jenkins

17 Do you recall this at all?

- 18 A. I recall there were screen freezes that impacted 19 the Post Office, and I can see that -- I don't 20 recall specifically this. I was aware of screen 21 freezes as an issue.
- 22 Q. How about recoveries? The recovery issue, that 23 was a particular issue that was identified.
- 24 I don't recall that.

25 Q. Is it fair to say that it's been closed but it

consequences.

- 2 Q. The screen freeze issue itself had been significantly reduced but not eliminated? 3
- 4 Α. I -- again, I don't recall --
- 5 Q. Can we go to the bottom of page 5. It says:

"As per Action 147.01 it was agreed that rollout would not be [recommended] until a period of stability had been achieved. GB/WR to agree what is meant by 'Stability' and what would be an adequate period."

Then if we look in the column next to it on the page above, 11 March:

"A set of criteria has been provided by POL and this was reviewed for understanding in the meeting. Fujitsu will provide much supporting data/evidence by ... 12th March to enable a decision to be made if pilot can restart", et cetera.

"It was agreed that the data would not be perfect or complete, but needs to provide sufficient relevant information if a restart decision can be made."

Again, in terms of the working relationship between POL and Fujitsu, it seems there that the criteria provided by the Post Office, in terms

1 hasn't been eliminated because it says that it

2 significantly reduced the screen freezes but it

3 doesn't say there are no longer any screen

4 freezes and, in terms of the recoveries issue,

5 that's being progressed by Gareth Jenkins; it 6 hasn't been closed because that issue has been

7 resolved?

8 A. But it says "as per 146" so is 146 open? In which case, it's been -- that data recovery is 9 10 if you go up --

11 Q. That's been closed. That's slightly further up 12 on the same page.

13 **A**. Now, we've got to go to 148.01.

14 Q. If we go over the page, that's page 6, it's 15 about halfway down, it's a new item there, 16 11 March.

17 **A**. Okay. I don't recall it specifically but it 18 looks as though they've created an item, so 19 there was a number of issues all in one, part of 20 those issues are being addressed, others still 21 remaining. So it looks to me, I don't recall 22 this specifically, but it looks to me they've 23 opened the new action so not to confuse it 24 with -- the screen freezes may have led to other 25 consequences and they want to track the other

1 of resuming the rollout -- were Post Office, at this stage -- so we are 11 March 2010 now -- the 2 ones who were driving forward the rollout? 3 4 Sorry, so when I read that, it's -- I think as 5 I've explained before, when we take a decision 6 that the solution is not -- or the risks of

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7 moving forward further with our pilots and/or 8 deployments is such that we're going to freeze 9 or have a halt or pause, the -- you know, we 10 would work jointly but the ultimate decision is with Post Office. 11

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So here, what I read from that is that we've received a set of restart criteria. So with this issue, we needed make sure we understood what would be the basis of us understanding that it's resolved and to give ourselves confidence because at the date -- and we're talking about stability, we're talking about screen freezes, I can't be sure, but this may be related to a significant issue we had with Oracle, an extremely significant issue we had with Oracle that did impact the offices intermittently that had migrated to HNG-X in as much as it loss -- it didn't lose connectivity, the connectivity hung and they could no

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longer -- so the screen freezes -- no longer trade until the branch database come up again.

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And that was a very significant issue. So what we had to assure ourselves before we deployed further, once we've deployed fixes and things, that we understood what is the criteria for restarting, and make sure -- and Post Office had the final say. So is it a period of "N" number of days, "N" weeks, whatever, is it acceptable to have? Because if you have a screen freeze, we had -- in the Oracle issue that we had, there were regular, you know, throughout the week, four or five times, where all the post offices operating in the pilot would be impacted for a period of 15 minutes to 30 minutes, and that's significant when they're serving customers.

But, again, there could be a screen freeze for reasons not related to that. So you're not going to say you had no screen freezes whatsoever, it could have been an intermittent one-off screen freeze. So the criteria was very important, that once you stop a deployment, to actually understand -- do you understand what the issue is and, for us to make sure we make 53

1 Q. I'm going to return to the balance trading 2 statement issue. Can we look at -- do you need 3 a break at all?

A. I'm fine, thank you. 4

5 Q. Thank you.

Sir, just for your information -- I'll deal with the balance trading statement issue and then, in about -- well, around 11.30 we may be able to take a break. I'm hoping that we will be able to take one longer break this morning, and not need to take a lunch break. That's my intention. But my intention yesterday didn't prove correct, so --

SIR WYN WILLIAMS: I have every faith in you 14 15 bringing home your intentions, Mr Blake.

16 MR BLAKE: Thank you, sir.

> Can we look at FUJ00094265, please. This is an email, you spoke earlier about raising the issue with Fujitsu's general counsel and that's Jean-Pierre Prevost; is that right?

21 A. He is the legal representative assigned to Post 22

23 Q. We have there an email from Geoff Butts saying:

24

"Can you review this draft response [in] an

1 the right decision, do we have a clear set of 2 criteria that we're going to apply to the 3 decision? Have we met that criteria to go forward?

Again, that criteria was also, dare I say it, to protect the joint programme from people wanting us to move forward. Come on, you've got to keep going. So we haven't met this criteria, or we have met the criteria so we can demonstrate to ourselves and to our respective organisations the appropriate time when -- why is it appropriate to move forward or why is it not appropriate to move forward?

14 You mentioned earlier in your evidence about the 15 risk versus progress balance.

16 Α.

17 Q. Were Fujitsu and the Post Office both very much 18 aware that that is the balance that was in play 19 at this time when there were those evident 20 issues still cropping up?

21 We made them aware. Because that's our job. 22 I mean our job as programme management is --23 that's what we do. So it's my job to make my 24 organisation aware and Mark's job to make his 25 organisation aware of that.

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1 email from Post Office ... about Fujitsu's 2 approach to resolution and interim management of 3 a software defect relating to the Final Balance 4 Report for Branch Trading Statements, and let me 5 know if any changes are required before it is 6 sent. I've copied the HNG-X Leadership Team for 7 information. This issue has been flagged as 8 critical to fix before the start of rollout."

9 In terms of those names at the top, are they 10 all Fujitsu names?

A. Yes. 11

Then if we scroll down, these are the answers to 12 13 the questions that have been requested by the 14 Post Office, or proposed answers that are being 15 run by general counsel. Were you involved in 16 drafting this in any way?

17 I would likely have reviewed it. But not 18 specifically to --

19 Q. Do you remember reviewing it?

20 A. I don't recall reviewing it but it would be my 21 normal operation to review it. Although, having 22 said that, I may have reviewed it as part of 23 being a CC list.

24 If we scroll through it, it explains the cause, 25 addresses the key questions, and it's the final

1 entry, really, that I want to read out now. 1 It's sent by you. Do you remember sending 2 We've seen this document before. It says: 2 this letter? 3 "Can Fujitsu provide a commitment to support 3 I don't recall specifically sending it. 4 POL in proving the integrity of the system in 4 Q. Yesterday, Mr Burley couldn't remember what 5 5 happened to this issue. He couldn't remember any subsequent legal action (specifically where the difference in the two reports is used as whether a letter was sent or not. We have here 6 6 7 7 a means to challenge the integrity of the the letter. Do you remember confirming it with 8 system)?" 8 Commercial, Legal and Programme Leads at all? 9 9 So it is likely that the advice from our counsel The proposed answer is: 10 "Yes, Fujitsu is willing to positive 10 is it should come from me because I was the head 11 commitment to prove the integrity of the system 11 of the programme or head of the 12 in any subsequent legal action." 12 transformation -- lead of transformation. As 13 We do, then, have the final version that was 13 I said, we would have -- I would have reviewed sent. Can we look at FUJ00142190, please. It 14 14 that but we would be taking legal counsel 15 seems to have been sent to Mark Burley by 15 specific to this statement. It's out of my 16 yourself on 8 April 2010. The email chain 16 sphere of expertise. So I'm -- I will be solely 17 I just took you to was February, we're now 17 reliant on legal counsel's view on that. 18 moving, so some time has passed. We're in 18 I haven't seen -- you can -- I don't believe 19 April. This says: 19 this was in my pack, this letter. 20 "Dear Mark, 20 Q. It was in your pack. 21 "Please find enclosed a statement detailing 21 A. It was? Okay. Sorry. 22 Fujitsu's position with respect to the Final 22 Q. It certainly has been provided to you or it may 23 Balance Report issue from the HNG-X pilot. This 23 have -- forgive me, if I'm wrong on that, but in 24 24 statement has now been confirmed by our any event, it's got your name on it. 25 Commercial, Legal and Programme Leads." 25 **A**. These kind of -- I'm stretching my memory. I do 57 58 1 remember the -- having reviewed the content 1 accordance with the existing contractual 2 because it wasn't just the legal -- I don't know 2 arrangements." 3 3 whether this letter contains just the legal Do you remember that form of words being 4 statement or whether it also has an explanation 4 5 of all the questions or response to all the 5 A. I don't recall it, you know, but I can read that 6 questions that was posed by Phil. 6 and that would have been on the recommendation 7 Q. Let's turn over the page, then. 7 of legal counsel. 8 A. It does. So it's, basically -- yes. 8 The words, before they were changed here, are 9 Q. What's interesting in this letter is if we turn 9 both interesting because they say "Fujitsu is 10 over the page, the final entry here is 10 willing to provide a commitment to assist in 11 different: only slightly different, but 11 trying to prove the integrity of the system". 12 12 significantly different, in its content. Can we So rather than supporting POL improving the 13 just blow up that final section and slightly 13 integrity of the system, they are providing 14 above as well, from "Can Fujitsu". 14 a commitment to assist in trying to prove the 15 It says there: 15 integrity of the system in any subsequent legal 16 "Can Fujitsu provide a commitment to support 16 action. Was Fujitsu at this stage concerned 17 POL in proving the integrity of the system in 17 that they couldn't actually prove the integrity 18 any subsequent legal action (specifically where 18 of the system in any legal action or they might 19 the two reports is used as a means to challenge 19 not be able to prove the integrity of the system 20 the integrity of the system)?" 20 in any subsequent legal action? 21 That's the question posed and the answer is 21 Not to my knowledge. 22 22 Q. Would you have been happy at this stage to have 23 "Fujitsu is willing to provide a commitment 23 put your name to a document that said that you 24 to assist in trying to prove the integrity of 24 are willing to prove the integrity of the system 25 the system in any subsequent legal action in 25 in any subsequent legal action?

- **A.** So, firstly, if you go back to the original draft --
- Q. That's FUJ00094265. It's the same wording as
   the beginning of that sentence in that original
   draft. It's page 2.
- 6 A. Okay, and it's specific --
- 7 Q. You can -- perhaps we can bring them --
- 8 A. No, that's fine.

- Q. Can we bring those side by side? So it's page 2
  of this document and page 2 of the document that
  ends 190, and perhaps we can highlight the "Can
  Fujitsu" section the final section on that page,
  and the final section on the other page.
- A. It's actually the question, so if the question is the same I should have read that. So the question is specific to the two reports. When I was reviewing and the briefings that I got with regards to this specific issue, it was very clear that the underlying data that was held on the system was correct and it was how we -- how we presented the reports or how the reports were -- got their data was where the issue was. So it wasn't the data on the system, that had integrity issues, it was how the report was created, it was an issue where it was going from

caveatted in that one on the right-hand side and, as you say, it's a question about can you prove the integrity of the system. So we can put aside the branch trading statement issue, and this addresses really the system as a whole.

The final wording -- the initial wording is we're willing to provide commitment to prove the integrity of the system, "a commitment to prove", and now it's not only changed at the beginning -- so it's "a commitment to assist in trying to prove the integrity of the system" -- but then also there's that bit about existing contractual arrangements.

Now, forgive me if this wasn't a document that was provided to you in your pack. That was would be my fault but looking at it now and considering it, does it bring back any memories of this particular issue?

of this particular issue?

A. Not particularly but that first one would be from our investigations, from our understanding, our proposal. That would be the programme's proposal of how confident we were and comfortable with regard to this. But we take legal counsel advice. So what comes back I'm not going to dispute because they are the

a step in the process where it could have had data overwritten and therefore, you know, not had the correct data from the system.

So the integrity of the solution on this issue was not in question. It was -- the report was taking its information from an incorrect area of the system, which has volatile memory and therefore open to change, and the fix was to make sure it went straight back to the source information on the branch database.

So the integrity of the system specific to this, there was no -- from my perspective, there was no issue with the integrity of the system.

I was satisfied when I -- David John's was my technical lead and I had extreme confidence and he was satisfied and he explained it to me and I was satisfied.

The question below seems to be a wider -- it appears to me just a wider statement of any evidence we might give at any time for any reason.

Q. Absolutely. Actually, I mean, forgive me,
 I made a mistake. The wording is actually
 different between those two versions if we look
 at them now side by side. It's even more

1 experts in this matter.

Q. Does it suggest that, at this point in time,
 Fujitsu didn't have sufficient confidence itself
 that it could prove the text of the system?

5 A. I don't think it suggests -- the way I read that
6 is any computer system may develop a fault which
7 may, at any time, have some impact on integrity,
8 as we had the one at Derby. And when we had
9 that issue at Derby, I -- under -- you know,
10 I initiated through my line management a review
11 of the solution.

So -- because we were concerned that there were potential -- and they gave us confidence what happened at Derby and why it happened we didn't pick up in testing, we understood that, and they also looked at the whole system and the protections we put in.

Now, there's -- there may always be a change that's made on the system or peculiar circumstances of, you know, events that happen on a particular machine, which may create a condition. So you can never absolutely say all the time but, again, what we should be doing is supporting by saying this is what we've done to demonstrate the integrity of the system and 64

at the point of whatever investigation you are on, were there any known incidents raised that may or may not have an impact on that.

But that's, you know, what you'd expect to happen in any investigation. They wouldn't just say at a point in time, back in when -- I think it was February we done that report, because Derby was at the end of January, wasn't it, and it was very quickly turned around because it was so urgent.

So, at that point in time, but it doesn't mean it wouldn't change in the future if a release goes out potentially as an intended consequence.

Q. I'm going to take you to two documents before we take that break. The first is FUJ00142193.

Forgive me, this may again be one of the documents that wasn't in your pack. I think that's the last of the documents that wasn't in your pack, and these are ones I think have only gone through our system relatively recently.

Please do say if you need more time and I can provide this to you over the break if you want to re-read it as well.

If we could look at page 3. We'll start by

looking at page 3. We're now at 29 March, and your letter was 8 April, so just before -- so this is before your letter was sent.

One of the requests from Phil Norton, looking down that page, the final paragraph there is they are proposing a form of words:

"Can Fujitsu provide a commitment to support POL in proving the integrity of the system in any subsequent legal action (specifically where the difference in the two reports is used as a means to challenge the integrity of the system)?

"Yes, Fujitsu is willing to provide commitment to assist in trying to prove the integrity of the system in any subsequent legal action."

POL Legal are proposing there a different form of words:

"Fujitsu is convinced of the integrity of the HNG-X system and as such will, at its own expense, provide a commitment to POL to assist in trying to prove the integrity of the system in any subsequent legal action."

So it seems there POL Legal is proposing a statement that says that Fujitsu is convinced 66

of the integrity of the system. Is that something that you remember?

A. Jogged my memory in getting a response. I do remember immediately -- now I've seen this, I do recall receiving this and discussing this with Gavin Bounds, who is the Business Unit Director, and agreeing that this is now both a legal and a commercial question being given to Fujitsu.

So again, I sent it to legal counsel, but we also looked at commercially what was our commercial position. But again, I would take their advice from this point onwards.

13 Q. Would it be typical for the Post Office to
 14 provide, and Post Office Legal to propose, forms
 15 of words to be adopted by Fujitsu?

16 A. This will be the first time I've seen it.

Q. If we go to the first page of this email. From Phil Norton, 8 April. So this is a day -- the same day as your letter is dated, and it's sent to you. I'll just read that out. It says:

"Alan

"As discussed at the interim JSB, please be advised that POL do not accept the latest Fujitsu response. The area that Fujitsu need to reconsider concerns the proposal from POL Legal

that Fujitsu will, at its own expense, provide a commitment to POL to assist in trying to prove the integrity of the system in any subsequent legal action. This was not evident in the proposed final version of the statement."

So there was a version that was proposed where that form of words was not included.

"In the statement from Fujitsu they seek to limit the cost of their involvement in any subsequent legal proceedings to be in accordance with the existing contractual arrangements.

"As the error is entirely of Fujitsu's making they should not seek to limit their assistance as per the contract. Would you please arrange for the statement to be revisited and a more agreeable form of words to be proposed."

Do you remember this?

A. Not directly, but I do remember that, you know, there was further conversations with regard to a proposed legal statement and, as I said, that then passed it to my direct report on the account, and we agreed that it needs to go to Legal and Commercial for a response. But I cannot recall what that response was.

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4	_	De very seedlijf the letter was about ad in our
1	Q.	Do you recall if the letter was changed in any
3	Α.	way, or the statement? I cannot recall.
4	Q.	They're quite strong words from Phil Norton
5	Œ.	there.
6	Α.	Yes.
7	Q.	Did you get the feeling that you were being
8	٦.	dictated to a bit by POL in relation to this
9		issue?
10	A.	I I mean, looking at this, it's a thing that
11		we often have with customers, you know, who is
12		going to bear the liability of any costs going
13		forward and, again, that becomes a contractual
14		position. Again, you know, it's when I saw
15		the previous response, it occurs to me that
16		you know, it comes to cross to me that there was
17		a specific question asked and the response was
18		for a more general thing.
19		So whether the discussion I do remember
20		briefing our legal department as to we had
21		a review of the integrity of the solution, we
22		got some additional reactions just to kind of
23		assure ourselves with regard to strengthening
24		our testing and things going forward.
25		But in any discussion I've have on any
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1	Q.	Can you give us an indication of who these other
2	α.	recipients are?
3	Α.	Okay, so Debbie Richardson is the head of
4		testing, Geoff Butts was the deployment lead,
5		Graham Allen was my head of development, Graham
6		Welsh was the lead customer service
7		representative, which we had engaged in our
8		Hypercare. Jean-Philippe Prenovost was our
9		legal counsel. John Wheeler, Mark Andrews and
10		Kevin Talbot I believe I can't say
11		I believe they're Post Office. I don't believe
12		they're Fujitsu. Mark Burley is Post Office,
13		Will Russell was Geoff Butts' opposite number in
14		deployment, and Mark Burley was my opposite
15		number.
16	MR	BLAKE: Thank you very much I think that's
17		an appropriate time to take our break.
18		Sir, I will conclude if we take

Sir, I will conclude -- if we take a 20-minute break now, I imagine I will be done within an hour or so. SIR WYN WILLIAMS: All right. Just to let you know that I may literally have to take a three or four-minute break at around 1.00, as it happens, Mr Blake, just to take a phone call. But I'm sure we will manage it some way or another, 71

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1 system, I say that at a point in time, you can 2 review and it's fine but it could always be 3 a work where something, you know, causes 4 a change which could compromise that and we've 5 always got to be alert to that and that's why we 6 have support. 7 Q. Thank you, if we just scroll up on this email 8 and this is my last question. Are you able to 9 assist us with the recipients of this email? 10 I see Gareth Jenkins is a recipient. Are you 11 aware of him being aware of this particular 12 issue? 13 **A**. Well, clearly because he's -- I took a -- when 14 Geoff was off, I was pointed in his direction 15 that Geoff was working with him and others with 16 regard to the issues around the branch trading 17 statement. So, clearly, I know that Gareth was 18 aware and Gareth did respond to Phil Norton. So 19 Phil would know that he was engaged so it was 20 right for him to be on this. 21 Q. Would Gareth have been aware that Fujitsu didn't 22 want to provide that blanket assurance? 23 A. He's on this email. So he has got the 24 opportunity to be. I didn't discuss it with him 25 directly but he's on this email. 70 1 which is reasonable in all the circumstances. all right? 2 MR BLAKE: Absolutely. Unless people get 3 4 particularly hungry we could take two breaks 5 this morning and achieve it that way. 6 SIR WYN WILLIAMS: Well, whatever. As we get closer 7 to 1.00, we will review precisely what we are 8 going to do. All right. 9 MR BLAKE: Thank you very much. SIR WYN WILLIAMS: Thank you, Mr Blake. So 10 11 20 minutes from now. MR BLAKE: Thank you. 12 13 Mr D'Alvarez remains obviously on oath and 14 won't be speaking to anybody about his evidence. 15 SIR WYN WILLIAMS: Fine, thank you. 16 (11.35 am) 17 (A short break) 18 (11.57 am) 19 MR BLAKE: Thank you, sir. 20 Mr D'Alvarez, can I ask you to look at 21 FUJ00094296, please. This is a document from 22 around the same time, 3 March 2010, and you'll 23 see in the top right-hand corner your name as 24 a recipient. There is reference in this email

chain to a fix to get data for a court case, and

1 I just wanted to know if this was a similar 2 issue, the same issue or something totally 3 different. 4 Let's look at page 3, the bottom of page 2 5 and top of page 3. We that have an email there 6 from Pat Lywood, who is the service 7 implementation manager, and she says: 8 "I will cross-check these with prayers 9 [that's something relating to the below]. 10 However I suspect, for today at least, that the 11 fix to get data for the court case may be more 12 important than these fixes." 13 If we go to page 2, so above that, you say: 14 15 "What is the fix for the court case?" 16 Then if we go above that one and Graham 17 18 "A fix to Audit -- was developed yesterday 19 and passed through Integration last night." 20 Do you recall what this exchange is about at 21 all? 22 A. I recall there was an incident raised where 23 they -- with regard to the audit server having 24 duplicate -- so, basically, having duplicate 25 records stored to it and when reports were --73

1 was accurate.

2 Q. So does it suggest there that there was an issue 3 with the accuracy of audit data at that time?

4 Not accuracy. It's just that it would -- there Α.

5 would be potentially duplicate records which you would have to filter out.

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7 Q. How do you know that it's a duplicate issue 8 rather than a reliability issue?

9 A. I'm only -- I'm presupposing that we had 10 an issue with audit records and duplicate audit 11 records, and we had to provide the fix for it.

12 Q. You remember there was a specific issue with 13 duplication?

14 A. I remember there was a specific issue with the 15 audit and I'm just making an assumption that 16 that is to do with that.

17 Q. Similar period but a different issue and I think 18 it was one you were talking about earlier, can 19 we look at FUJ00093030 and this the "HNG-X 20 Counter Review" issue. If we look at that 21

bottom email, it's an email from Stuart Rye, who 22 was Stuart Rye?

23 A. He's, I believe he's a business consultant, and 24 he was brought in as part of, I think he was 25 brought in by -- let's have look at the names,

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1 the previous system would extract any duplicates 2 and just have the single version of what 3 happened, and the new version of what we 4 implemented did not have that duplicate spotting 5 extraction purpose -- functionality.

6 So I assume that that is with regard to --7 something with regard to the information stored 8 on the audit server.

9 Q. So this is a totally separate issue to the 10 branch trading statement?

11 A. I believe so, yes.

12 If we look at page 3, that email, the first 13 email that I showed you, it refers to a fix to 14 get data for the court case. Can you assist us 15 with what that means? It's the top of page 3, 16 thank you. 17 No, I can't. That's why I asked Pat, question

18 mark, "What do you mean, fix for a court case?"

19 Q. Did you ultimately understand, having asked that 20 question, what that meant?

21 She replied saying it's the audit fix, so 22 I probably didn't pursue it more other than made 23 an assumption that they were looking to retrieve 24 audit records and they wanted that fix in there, 25 so that the audit records that they retrieved

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David Leask. David Leask, he's the chief 1 2 technical person alongside Maz who is the chief 3 programme person for private sector and they 4 bought in two people to undertake an independent 5

6 Q. This is exactly that issue you were talking 7 about earlier in your evidence?

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9 Q. Is that other person Paul Roberts, who was 10 copied in there?

A. Yes. 11

12 **Q.** So they were two interpreter individuals who 13 were asked to conduct a review --

14 A. Correct.

15 Q. -- by Fujitsu --

16 A. Correct.

17 -- because of a concern that Fujitsu had about, 18 it says there, "the incident of a duplicated 19 basket at the end of January"; do you remember 20 that issue? 21 That is the Derby -- that is the Derby incident

22 which I immediately engaged with Maz that 23 I wanted to assure, because it is a serious 24 incident and we need to understand (i) the

25 integrity of the solution and (ii) how we missed

		it in testing.			Handed a version 2 and we if yet to that and
2	Q.	Thank you. If we scroll up, that email and that	2		I'll give you time to look at that. But this is
3		report, the review it's volume 1 there,	3		version 1., and that's, it seems, the version
4		9 February 2010 is sent to Gareth Jenkins by	4		that was attached to that email.
5		Graham Allen. Do you know by Gareth Jenkins	5		Now, the circulation, is that an internal
6		would have been asked to comment on that report?	6		circulation list; is that right?
7	A.	I believe Gareth was the one that was assisting	7	A.	At this stage, yes.
8		Geoff in the analysis of oh no, sorry this	8	Q.	Then you have there the two authors, the
9		one? I assume because he is the recognised	9		independent authors. I'm going to read to
10		counter SME, the subject matter expert, for	10		If we scroll down, it explains what the probl
11		Horizon?	11		is there. It says:
12	Q.	So issues a concern that you had internally	12		"On 28th January 2010, the Data
13		in Fujitsu with regards to the integrity of data	13		Reconciliation Service process detected
14		because of a duplicated basket, that report was	14		an error in a banking transaction. Subsequ
15		being sent to Gareth Jenkins because he was the	15		investigations revealed that the Branch dat
16		lead on what issue?	16		had two transactions with different JSNs bu
17	A.	No, he's the SME. He's the subject matter	17		same SSN for a specific Counter on that da
18		expert that whether he was still working in	18		the 3rd Party banking system only had one
19		the customer services area or whether he was	19		transaction. The clerk did not know that
20		part of the architecture group, we have subject	20		a duplicate transaction had been created."
21		matter experts, so he's the recognised a counter	21		So as you've said, that is self-evidently
22		application subject matter expert.	22		a serious issue?
23	Q.	I'd like to look at that attachment and that can	23	A.	Yes.
24	٦.	be found at FUJ00093031, please. This is	24	Q.	It then goes on to say:
25		version 1 of the report. I know you've been 77	25	-	"An analysis of the database has reveal 78
1		one other occurrence, again at Derby but on	1		identified which includes further measures
2		a different day and involving a different	2		remove the possibility of this occurring in
3		clerk."	3		future."
4		So is that the same Post Office but it's	4		So there's no dispute here, this was ve
5		a different individual?	5		much caused by a bug in Horizon Online.
6	A.	That's what it says, yes.	6	A.	Yes.
7	Q.	"The net effect would be that the Post Office	7	Q.	If we go over to page 5, there are the
8		and Branch records would not match. Where this	8		conclusions. Thank you. It says there in b
9		happens, the Post Office investigates the branch	9		"Overall, the actions taken to redress t
10		and postmaster, with a view to retraining or	10		Derby issue are appropriate. We believe the
11		even uncovering fraud. It would seriously	11		Counter Application fully supports the need
12		undermine Post Office credibility and possibly	12		protect the integrity of financial
13		historic cases if it could be shown that	13		transactions."
14		a discrepancy could be caused by a system error	14		What do you understand that statemen
15		rather than a postmaster/clerk action. Most	15		mean?
16		importantly, the central database as the system	16	A.	It means that on the request I didn't want th
17		of recorded would be called into question."	17		to just look at this specific incident because
18		Now, at this stage, whose words was that?	18		we've already diagnosed the specific incide
19		Was that the two independent authors who had	19		and got a conclusion. I wanted them to loc
20		written that?	20		how we've implemented the counter applica
21	A.	Yes.	21		see whether there's any flaws in its design
22	Q.	Can we go over the page, please. The second	22		its implementation.
23		paragraph there. It says:	23	Q.	My reading of that is that it isn't saying that
24		"The development team concluded the failure	24		it guarantees the integrity of all financial
25		was caused by a bug and a resolution has been	25		transactions or anything like that, it's using

handed a version 2 and we'll get to that and to look at that. But this is that's, it seems, the version ed to that email. rculation, is that an internal s that right? there the two authors, the thors. I'm going to read to you. n, it explains what the problem anuary 2010, the Data Service ... process detected nking transaction. Subsequent evealed that the Branch database tions with different JSNs but the specific Counter on that day but nking system only had one e clerk did not know that saction had been created." e said, that is self-evidently to say: s of the database has revealed 78 includes further measures to sibility of this occurring in no dispute here, this was very y a bug in Horizon Online. page 5, there are the ank you. It says there in bold: e actions taken to redress the appropriate. We believe the ation fully supports the need to grity of financial ou understand that statement to the request I didn't want them is specific incident because iagnosed the specific incident usion. I wanted them to look at emented the counter application to ere's any flaws in its design or nat is that it isn't saying that e integrity of all financial

- 1 quite careful language that the counter
- 2 application fully supports the need to protect
- 3 the integrity. So it's identifying the need to
- 4 protect the integrity of financial transactions
- 5 rather than signing off the integrity?
- A. I took that as, from what we've designed and 6
- 7 implemented, it fulfils a brief that we have --
- 8 should have high levels of confidence in the
- 9 integrity of the solution. I think it gives
- 10 examples as well as to how we put protections
- 11
- 12 Q. Sorry, you've used the word "solution". Did you
- 13 intentionally mean "solution" rather than
- 14 "system"?
- 15 A. The -- okay, the system. But the counter
- 16 application solution is what I was looking at.
- 17 So the solution -- okay. I would, in this
- 18 context, one and the same system/solution, the
- 19 solution being we have a counter application.
- 20 Looking at the counter application itself, is it
- 21 defensive against system failures? So the
- 22 system can fail at many different ways, power
- 23 cuts, cables being, you know, intermittent, kind
- 24 of -- all sorts of things could cause a system
- 25 failure. Is the solution robust enough to

- 1 integrity of the system. Looking at this, does
- 2 this look like a statement to the effect that it
- 3 is signing off the integrity of the system?
- 4 In the previous example, which I believe is the Α.
- 5 Warwick example, the question posed was, could
- 6 we sign off the integrity of our solution with
- 7 regard to the branch trading statement? That
- 8 specific question. And, absolutely, this is
- 9 looking at the application and is it defensive?
- 10 I would like to refer to -- I've said a number
- 11 of times now that, from our position, we've
- 12 satisfied ourselves that what we've implemented
- 13 will demonstrate and actually fulfils
- 14 an integrity brief but things can happen on any
- 15 system which could change that, so that's
- 16 a static point in time.
- 17 Q. So it's a point in time that addresses
- 18 a specific problem that this report is
- 19 addressing?
- 20 A. And also a request for me to have a design and
- 21 code review of what was implemented to say
- 22 that -- is that appropriate and robust with
- 23 regards to normal system standards for integrity
- 24 of financial data.
- 25 Q. Because when we looked at the earlier example,

- 1 manage those error conditions in a way which
- 2 doesn't impact integrity? So I do mean the
- 3 solution, as in the application. Is it
- 4 defensive?
- 5 Q. I'm happy for you to take a little bit of time
- 6 just reading that to yourself, that passage in
- 7 bold, just to be absolutely sure that that is
- 8 a fair reading of what is said there.
- 9 Yes. Α.
- 10 Q. So it's your reading of that that actually that
- 11 is saying that the counter application has
- 12 integrity --
- 13 **A**. Yes.

20

- Q. -- not that it supports the need to protect the 14
- 15 integrity or -- did you not see a distinction
- 16 between those two?
- 17 A. I haven't read it that way, personally.
- We saw earlier that there was a request from the 18
- 19 Post Office to provide a commitment to support
  - POL in proving the integrity of the system,
- 21 of -- yes, of the system. Was this, do you
- 22 think, meeting that earlier request in any way?
- 23 A. I think it was a later request.
- 24 Q. Sorry, the later request. Do you think -- you
- 25 were asked for a statement to sign off the
  - 82
- 1 you drew a very clear distinction between
- 2 signing off the integrity vis à vis the specific
- 3 issue and signing off the integrity of the
- 4 system. Here, you're saying that the -- your
- 5 reading of this report is that, at this point in
- 6 time, it was signing off the integrity of the
- 7 system?
- 8 Of the application.
- 9 **Q.** The application being the counter application?
- The counter application, the solution for the --10
- 11 what we provided to Post Office for the
- 12 postmasters and their staff to actually
- 13 interoperate with Horizon. So this is the
- 14 integrity of the counter application.
- 15 Q. But the counter application must include the 16 cash account, for example?
- 17 Α. Yes, it does.
- 18 Q. So it would be signing off the integrity of the
- 19 cash account?
- 20 **A**. Yes.

24

- 21 Do you think that was the author's intention in
- 22 this passage?
- 23 A. I've concluded -- my -- I believe so, yes.
- 25

Q. Can we turn over the page, please. We're still

on conclusions. 3.20, there is a conclusion

1		that reads as follows:
2		"Stock check is not a reliable method for
3		catching issues due to the erratic nature of the
4		stock check occurring."
5		Is that something that you recall or
6		understand?
7	A.	Not specifically but stock check, from my
8		understanding, is just a check of what the
9		system says it's of stock.
10	Q.	Why might it not be liable?
11	A.	I can't recall.
12	Q.	Is that something that occurs on the Horizon
13		System, the stock check?
14	A.	I believe a postmaster can do a stock check at
15		any time.
16	Q.	It's not a physical stock check of how many
17		stamps are held in branch; it's something that
18		is using the Horizon system to compute?
19	A.	Yes.
20	Q.	If we turn over the page to "Recommendations",
21		we have recommendation I'm going to take you
22		to 4.5 and 4.6. 4.5 is:
23		"Consider advising the Post Office of the
24		benefit of more effective stock control as
25		an indicator of clerk errors or Fraud."
		05
		85
		65
_	_	
1	Q.	4.6:
2	Q.	4.6: "Review and strengthen negative testing, if
2	Q.	4.6:  "Review and strengthen negative testing, if appropriate. The recent problems reflect the
2 3 4	Q.	4.6:  "Review and strengthen negative testing, if appropriate. The recent problems reflect the asynchronous nature of the new application and
2 3 4 5	Q.	4.6:  "Review and strengthen negative testing, if appropriate. The recent problems reflect the asynchronous nature of the new application and traditional or historic test cases may not
2 3 4 5 6	Q.	4.6:  "Review and strengthen negative testing, if appropriate. The recent problems reflect the asynchronous nature of the new application and traditional or historic test cases may not reflect this."
2 3 4 5 6 7		4.6:  "Review and strengthen negative testing, if appropriate. The recent problems reflect the asynchronous nature of the new application and traditional or historic test cases may not reflect this."  Can you tell us, what is negative testing?
2 3 4 5 6 7 8	Q.	4.6:  "Review and strengthen negative testing, if appropriate. The recent problems reflect the asynchronous nature of the new application and traditional or historic test cases may not reflect this."  Can you tell us, what is negative testing?  So negative testing, so typically when you test
2 3 4 5 6 7 8		4.6:  "Review and strengthen negative testing, if appropriate. The recent problems reflect the asynchronous nature of the new application and traditional or historic test cases may not reflect this."  Can you tell us, what is negative testing?  So negative testing, so typically when you test a system you run a set of tests which
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2 3 4 5 6 7 8 9 10 11 12 13 14		4.6:  "Review and strengthen negative testing, if appropriate. The recent problems reflect the asynchronous nature of the new application and traditional or historic test cases may not reflect this."  Can you tell us, what is negative testing?  So negative testing, so typically when you test a system you run a set of tests which demonstrate that if you go through the right processes and that and everything is set up properly the system performs as it should.  Negative testing will include things like what happens if you put in the wrong inputs?  What happens if a cable is disconnected? What happens if it loses connection with the data
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18		"Review and strengthen negative testing, if appropriate. The recent problems reflect the asynchronous nature of the new application and traditional or historic test cases may not reflect this."  Can you tell us, what is negative testing? So negative testing, so typically when you test a system you run a set of tests which demonstrate that if you go through the right processes and that and everything is set up properly the system performs as it should.  Negative testing will include things like what happens if you put in the wrong inputs? What happens if a cable is disconnected? What happens if it loses connection with the data centre? So we would deliberately create scenarios which is not normal operating
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19		"Review and strengthen negative testing, if appropriate. The recent problems reflect the asynchronous nature of the new application and traditional or historic test cases may not reflect this."  Can you tell us, what is negative testing? So negative testing, so typically when you test a system you run a set of tests which demonstrate that if you go through the right processes and that and everything is set up properly the system performs as it should.  Negative testing will include things like what happens if you put in the wrong inputs? What happens if a cable is disconnected? What happens if it loses connection with the data centre? So we would deliberately create scenarios which is not normal operating scenarios, to see whether the system recovers
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Α.	"Review and strengthen negative testing, if appropriate. The recent problems reflect the asynchronous nature of the new application and traditional or historic test cases may not reflect this."  Can you tell us, what is negative testing? So negative testing, so typically when you test a system you run a set of tests which demonstrate that if you go through the right processes and that and everything is set up properly the system performs as it should.  Negative testing will include things like what happens if you put in the wrong inputs? What happens if a cable is disconnected? What happens if it loses connection with the data centre? So we would deliberately create scenarios which is not normal operating scenarios, to see whether the system recovers gracefully from those situations.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Α.	"Review and strengthen negative testing, if appropriate. The recent problems reflect the asynchronous nature of the new application and traditional or historic test cases may not reflect this."  Can you tell us, what is negative testing? So negative testing, so typically when you test a system you run a set of tests which demonstrate that if you go through the right processes and that and everything is set up properly the system performs as it should.  Negative testing will include things like what happens if you put in the wrong inputs? What happens if a cable is disconnected? What happens if it loses connection with the data centre? So we would deliberately create scenarios which is not normal operating scenarios, to see whether the system recovers gracefully from those situations. So you might have some testing, is it positive

25 Q. Yes, positive testing, where you're testing

1 What do you understand that to mean? 2 A. I don't at this stage recall what that refers 3 4 Q. I mean, reading it now, what does it seem to you 5 to mean? 6 A. It's given -- it's just highlighting that the 7 system may allow variances to be input into the 8 system. 9 **Q.** Does it suggest that there should be another 10 method in order to assure the Post Office or 11 assure yourselves that there is, in fact, either 12 a clerk error or fraud? 13 **A**. That's what it says but I don't recall 14 specifically back to the intent of that, but 15 that's what it suggests. 16 Would you advise the Post Office of ways in 17 which to improve the reliability of their 18 prosecutions for fraud, for example? 19 A. I would not but if it felt that Fujitsu felt it 20 was appropriate to at least have that 21 conversation then I would pass that advice on. 22 Q. So it's not that that recommendation itself is 23 problematic because it's suggesting that you advise the Post Office of something? 24 25 A. I don't believe so, no. 86 1 a case where a subpostmaster puts in exactly the 2 right information, presses exactly the right 3 keys that you're meant to do? Following the processes, yes. 4 5 Q. That's positive testing. Negative testing is 6 what if the subpostmaster presses the wrong key 7 at a particular time? 8 A. Correct -- or what if it goes offline? What if 9 a cable gets pulled out? Q. Absolutely. One of the recommendations here is 10 11 there should be more negative testing? 12 **A**. It's to review. Have we created all the 13 scenarios? Because I believe one of the trigger 14 points for this was a capacity constraint that 15 was caused by, I believe -- because we were 16 monitoring the system all the time during pilot, 17 we were picture putting diagnostics and 18 performance monitoring things to make sure 19 everything was going right and it was believed 20 that that created a capacity issue, which then 21 created the issue which led to the incident.

And, in our testing, we was looking at normal as if it was rolled out. We did not take account of, during the pilot, which is a test phase, we're going to put additional monitoring

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tools into the thing which created more usage, so we didn't stress the system the way.

So that's something we did miss specifically and that's why we missed this in our testing, because we assumed it was -- those tools that we put in to support the pilot were only there temporarily, and that wasn't taken account in the testing.

- 9 Q. Thinking back to this morning, the very early 10 questions that I was asking you about, and 11 I took you to that document that I discussed 12 with Mr Burley yesterday, where there is 13 a suggestion of reduction in the testing that 14 occurred before the pilot took place, and 15 I think your evidence was "We didn't cut down on 16 the testing, we just did it while the pilot was 17 taking place".
  - I mean, looking at that combined with this 4.6, reflecting on it, do you think that there was insufficient negative testing before pilot?
- 21 **A.** Performance testing isn't negative testing.
- 22 That's non-functional testing.
- 23 Q. Yes.

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- A. Negative testing is creating a failure
   condition. So the volume testing is specific to
- 1 it didn't capture this scenario.
- Q. So was there sufficient negative testing beforethe pilot?
- 4 A. When the analysis was done we believe so but5 this in hindsight shows that there was a miss.

6 So in hindsight, on the negative set of 7 testing, you could -- it starts to get 8 exponential as to how many different failure 9 conditions you could create, and it comes to --10 I've seen negative testing where you actually 11 question how could you have that scenario where 12 this happens at that time and that time? So 13 it's a case of you take -- you know, a take 14 a balance as to what are the likely scenarios? 15 Then you also have some good test resource, and 16 we had some very good test resource, that would 17 just play about with the system and just do 18 what-ifs. But at the time the analysis was done 19 and it was believed and, you know, it was 20 jointly reviewed with us in the Post Office, 21 that the testing in the negative side was 22 sufficient but this showed that it could have

25 Q. We know what subsequently happened, and events

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been more robust. But that's in the benefit of

the data centre and how much loads can the data
centre take? So it's completely different from
this scenario.

Q. Putting aside volume testing, on reflection, and looking at this recommendation, do you think
 there was sufficient or insufficient negative testing before the pilot took place?

8 A. Clearly, this showed that consideration wasn't
9 taken to some of the additional tools that we
10 were using to monitor the solution during the
11 pilot. So it found a weakness in our testing
12 that we had to review and we filled that.

13 Q. In plain English, do you think there should have14 been more negative testing before the pilot?

15 A. There was a miss in the scoping of our negative testing. When you say more, we should have -there should have been consideration of the additional tools that was temporarily in place in the pilot, and that was a miss in the test
analysis.

Q. Forgive me, "a miss in the test analysis", for
me, maybe just me, is not plain English. In
plain English, should there have been negative
testing before the pilot?

25 **A.** There was negative testing before the pilot, but 90

that have affected people's lives. Looking at
 what ultimately happened, do you consider that
 there was sufficient or insufficient negative
 testing?

5 So I considered at the time our testing was 6 sufficient. The pilot phase is also a test 7 phase. So this was picked up in a test phase. 8 It's a live test. So the pilot phase picked up 9 a scenario that we didn't have in our laboratory 10 testing and picked up this error before it went 11 to general, and it picked it up very, very 12 quickly, with just the 10 or 12 post offices 13 that was part of the pilot.

14 Q. 4.6 isn't just talking about this specific
15 scenario. This is talking about negative
16 testing more broadly, isn't it?

A. So they said review -- so once -- so it
identified that in our laboratory testing, we
did not cater for this. So the recommendation
is, "Could you review everything you've done to
see if you can think of other things you may
wish to test?" And that action was given to
Debbie Richardson to do so.

Q. After receiving the ultimate recommendations,and we'll look at the final report, was there

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1 a significant increase or improvement in, and 2 strengthening of, negative testing? 3 A. I'm aware that there was areas of improvement, 4 the size and number I would have to refer back 5 to Debbie Richardson, and Lee Farman would know 6 as well because they would have reviewed it 7 jointly. 8 Q. So you're not aware of whether there was or 9 wasn't a significant improvement in negative 10 testing? 11 A. I'm aware that they reviewed and they 12 strengthened testing. How much I can't recall. 13 Q. Can we go to FUJ00094290, please. This is 14 an email from yourself to the general counsel, 15 Jean-Philippe Prenovost, and it is the 2 March 16 2010. You've attached the "HNG-X Counter Review 17 volume 2" that's dated 24 February 2010, and you 18 say as follows -- it's entitled "Integrity 19 review of HNG-X -- request for review": 20 "Jean-Philippe, 21 "You may be aware that an incident was 22 raised during the HNG-X pilot that there have 23 been two instances where a single transaction 24 was recorded twice on the system. As you can 25 appreciate from your workaround PCI Compliance, 93 1 what we got. So I'm asking him to -- from 2 a legal standpoint, are we satisfied with this 3 report that we can still fulfil our obligations? 4 So are you satisfied with -- were you expecting 5 legal advice in relation to the overall report, 6 rather than comments on individual entries and 7 passages? 8 A. Yeah. I wouldn't, you know -- and also, is 9 anything in there something which we need to 10 strength then or it's incorrect from a legal 11 perspective? So I'd expect Legal to assure 12 themselves and to be aware themselves of this 13 issue, and how we've addressed this issue. 14 Q. It certainly seems, at this time, you were very 15 live to issues about the integrity of the system 16 being critical to be able to support the Post

1 the integrity of the system is critical to be 2 able to support Post Office in any litigation 3 they choose to take against Postmasters should 4 they uncover any financial irregularities. As 5 such, we took this issue very seriously and part of our rectification plan was sponsor 6 7 an independent review. The report from this 8 review is attached and it is my intention to 9 share this with Post Office. Prior to sending, 10 could I ask you to assure that there are no 11 legal issues or consequences associated with the 12 content of the review that need to be 13 considered." 14 What did you have in mind when you were 15 asking Jean-Philippe Prenovost to review that 16 report? Were you looking for comments on the 17 content of the report and track changes and 18 things like that? 19 A. I was -- it's hard to recall my thoughts at the 20 time but I would expect to be asking does this

-- you know, we have an obligation, we have a contractual obligation to support this. There's a major issue, a major incident that occurred, which obviously has a material impact on that obligation. Here's a report to show

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1 A. I don't recall, no. I -- sorry. My attention 2 has been drawn to it now. I don't recall 3 knowing of it at that time. Was there anything in particular that 4

5 highlighted this particular issue to your mind 6 to raise it as such a significant issue? 7 A. Reading that Computer Weekly, which I done

8 probably before Christmas because it was part of 9 the Inquiry discussions, that referred to 10 Horizon, not HNG-X.

> So when I took on the position to lead the programme, the first thing I done, as I would with any programme, was to sit with the customer and say "What your business priorities? What are the priorities? What are your business drivers? What are your drivers?" And Mark made it very clear to me, number 1, integrity of the solution, whatever we put out, we must ensure integrity. And, for me, that was sacrosanct.

20 Can we look at FUJ00094392. It's the bottom email of the first page that I'd like to look at. Thank you. This is 10 March now. You have copied below this email the feedback that you have received. So there's been a review of the version that you sent to the legal team, and 96

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Office in litigation. I mean, you're raising

A. Absolutely. It was the number 1 priority that

was given to me by Mark Burley.

your mind at the time?

Horizon System?

that issue with him. Was that very much live in

Q. Do you recall, say, in 2009, the Computer Weekly

article about Horizon and concerns that were

being generated around this period about the

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this is the feedback. I'm just going to read that feedback, if you could scroll down slightly -- thank you very much:

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First paragraph, page 2 -- The following section is potentially problematic ..."

That's the section that said:

"It would seriously undermine the Post Office credibility and possibly historic cases if it could be shown that a discrepancy could be caused by a system error rather than a postmaster/clerk [error]. Most importantly, the central database as the system of record would be called into question'. As discussed, there is no need to paint this in the worst possible light. I would suggest the following as being accurate without being unduly alarmist: 'If it could be shown that a discrepancy could be caused by a system error rather than a postmaster/clerk action, it could potentially call into question the effectiveness of the central database as a system of record'."

It says there "further to our conversation", can you recall the conversation or "further to our discussions" on Friday; do you recall the discussions about that particular paragraph?

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- 1 Q. I mean, painting something in the worst possible 2 light, that's not necessarily legal advice, is 3 it? That's more public relations, isn't it?
- 4 A. All I remember is, in the discussions, being 5 asked where did that come from? And I said it 6 just come from -- and it's why Legal felt that 7 we should be factual, that the -- that it would 8 be, you know, this issue, if not resolved 9 properly, and we reviewed the rest of the 10 system, the record of accounts would be done, is 11 a better one. You'd need to ask Legal why their 12 advice was that. But I would not go against our 13 legal advice.
- 14 Q. You wouldn't go against their legal advice but 15 there's nothing in that italicised section 16 that's untrue, is there?
- 17 A. So when we say, "possibly historic cases", I'm 18 not aware of historic cases. I don't know 19 whether or how -- whether that is just general 20 discussion points that they've picked up during 21 the review or whether they had evidence of that. 22
- 23 Q. The concern about undermining the integrity of 24 the system, the central database as a system of 25 record would be called into question, that was 99

1 A. I recall a meeting with Legal, just to --2 because they wanted to understand better the 3 scenarios and the context and everything else 4 around it, not just "You're giving me one 5 problem". So I remember a meeting. It was, 6 I believe, about an hour long, and lots of 7 things were discussed at that meeting. I also, 8 I do recall them now, now seeing that, I do 9 recall them asking -- I think, as you did -- who 10 wrote that, and I said that was written -- that 11 wasn't any words from the programme, that was 12 written by the reviewers.

- 13 So it was the words of independent reviewers. 14 It was also very much highlighted in your 15 covering email to the general counsel when you 16 sent the original draft about the importance of 17 the integrity of the system for legal 18 proceedings. So it was something that was very 19 much in your mind as well, and that was your 20 evidence a few moments ago.
- 21 **A**. Yes.
- 22 Q. Were you surprised to have received that 23 feedback from general counsel?
- 24 When you say surprised, that's what our legal 25 representative wished us to do.

- 1 very much in line with your concern and the very 2 purpose of requesting a report, wasn't it? 3 So my concern is the integrity of the solution, 4 and does it (1) protect Post Office and their 5 employees and (2) does it fulfil our contractual 6 requirements? Historic cases has nothing to do
- 7 with HNG-X so why that's in there, I don't know. 8 What relevance that has to HNG-X, I don't know.
- 9 **Q.** So we can take out the words "possibly historic 10 cases" although it says "possibly" but let's take that out. The rest of it, it's accurate, 11
- 12 isn't it?
- 13 A. It could be called into question if not 14 resolved.
- Q. Let's look at what ultimately happened and the 15 16 prosecution of subpostmasters and the 17 overturning of those convictions by the Court of 18 Appeal because of the reliability of the data 19 that was being used in those prosecutions. 20 I mean that was spot on, wasn't it, that section 21 in italics?
- 22 A. I -- I don't have an opinion on that. It's 23 a case, this was a report, looking at HNG-X.
- 24 But you could reflect on what's ultimately 25 happened. Look at those words in italics and 100

1	agree or disagree whether that actually reflects
2	the very reason why we're here?

- 3 A. As you put the question to me, yes.
- 4 **Q.** Let's look at FUJ00142175 -- sorry, can we stay with that for one second. Point 2:

"Section 3.19 on page 7 -- You'll recall that we cannot really make sense of what was being referred to here."

I've looked back and it locks as though, and you can -- we'll go through it -- but it looks as though that was actually 3.20 and that was one of the conclusions about the stock check issue that we just discussed.

14 **A.** Mm

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15 Q. We can have a look at that and see that that16 also comes out. Thank you. We can go back to17 175.

18 Can I ask, 175, so FUJ00142175, this is what 19 we're told is the final version. It has version 20 2.0 at the bottom right-hand corner but we are 21 told it is the final version, version 3. Can we 22 put up on the screen, I'm going to ask for a bit 23 of work on this display once again, I'm afraid. 24 It's FUJ00093031. This is the earlier version 25 I took you to, just so that we can look at some 101

side. It says:

"This report reflects the findings from a visit by Paul Roberts and Stuart Rye on 4th February 2010 and a follow-up review with David Johns on 24th February."

So there was a subsequent follow-up review, do you recall that?

- 8 A. I don't -- no, I don't recall it.
  - Q. Thank you. If we look, staying with the right-hand side, there is an update that is provided at the bottom of that page, that isn't present in the first version, and if we could zoom in on that update, it says:

"22nd February: Searches of the database since pilot launch and being run daily revealed one further incident of a dual settlement (this time without a banking transaction). There are over 100 branches live as of this date."

So an update on 22 February, it's happened again, this time without a banking transaction, so it's a different type of transaction, suggests that the issues actually got worse by that stage.

- 24 A. It shows that another incident was detected.
- 25  $\,$  Q. Does it not show that the incidents -- the

of the changes that happened after that feedback had been received.

3 Thank you very much. So on the left-hand 4 side we have version 1, on the right-hand side 5 we have version 2 -- or version 3, actually, is 6 the one on the right-hand side. Now, an initial 7 difference we see there is that on the -- it's 8 initially you're one of the circulation list and 9 that's changed to one of the reviewers. Do you 10 know why that change was made?

- 11 **A.** Because they're asking for a review, or they,12 sorry, they --
- 13 Q. It's ultimately the same document.
- 14 A. Yes, sorry. So it is a final report to say that
  15 those people that was on the circulation list
  16 had been given the opportunity to review and
  17 feed back comments.
- 18 Q. Because this is the version that's going to go
  19 to the Post Office, you're named as a reviewer
  20 rather than part of the circulation list; is
  21 that right?
- 22 A. Correct.
- 23 Q. Yes, thank you.

Then if we look at the third substantive
 paragraph, that has been added on the right-hand
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- matters got worse? I mean, it's a new incident,a different type of transaction.
- A. Another issue -- well, a similar symptom but
   a different trigger point.
- Q. There are only 100 branches live at that stage.
  Is that what, that's three out of 100 this issue
  is occurring in or known to be occurring in?
- 8 A. So there's three known incidents across two post
  9 offices out of 100 post offices that may have
  10 had, at that time, several hundred thousand
  11 transactions, yes.
- 12 Q. Well, in terms of branch numbers, what do we13 have? We have three out of 100?
- 14 A. Well, two, because two was at Derby.
- 15 Q. Was that with two different counter clerks?
- 16 A. Sorry, you was just saying in branches.
- 17 **Q.** Yes.
- 18 A. Okay, so three incidents.
- 19 Q. Three incidents. Some to do -- two of them or20 three of them to do with the banking
- transactions, one not to do with banking
- transactions. It seems to have got worse.
- 23 A. They found another incident, yes.
- 24 **Q.** Is there a reason why you can't agree that it

25 seems to have got worse? Is there a technical 104

1 reason for that?

- 2 A. So if we picked up after two or three days two
- 3 incidents after a week of going live of a pilot,
- 4 two incidents, and then in another month you
- 5 pick up another incident, yes, three is worse
- 6 than two. It depends how you say has it got
- 7 worse, ie is it just snowballing, is it just
- 8 getting continually getting worse? I wouldn't
- 9 say so but it was another incident detected.
- 10 Q. Involving a different type of transaction?
- 11 That's what it says here, yes. Α.
- 12 Q. An additional type of transaction?
- 13 A. A transaction without a banking element.
- 14 Q. Can we go to the second page, please, on both of
- 15 them. Is that possible? Am I asking too much?
- 16 Excellent.
- 17 In fact, we can just look at the new one so
- 18 42175, if that can just be expanded and we move
- 19 over to the second page. There is now no
- 20 mention of that passage that general counsel had
- 21 suggested should be removed. So that appeared
- 22 in the first version and it now doesn't appear
- 23 in the background section. Do you remember that
- 24 passage being removed?
- 25 A. I don't recall it, no.

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- 1 so he was the interface I had for Legal.
- 2 I don't know his status within Legal.
- 3 Q. Thank you. There we have the two different
- conclusions. The original conclusion said: 4
- 5 "Overall, the actions taken to redress the 6 Derby issue are appropriate. We believe the
  - Counter Application fully supports the need to
- 8 protect the integrity of financial
- 9 transactions."

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  - Then the new version says:
- 11 "We believe the ... Application with the
- 12 identified fix fully supports the need to
- 13 protect the integrity of financial
- 14 transactions."
- 15 Can you assist us with that change?
- 16 A. Unless you applied a fix to the issue that we
- 17 had, the integrity would not be maintained.
- 18 Q. Would a fix be applied to all counters or just
- 19 those who raised the issue or just --
- 20 A. All counters. It was part of the release and it
- 21 also was mandated to be applied prior to going
- 22 to any other post offices.
- 23 Q. Is it saying here now that the fact that we have
- 24 applied the fix supports the need to protect the
- 25 integrity of financial transactions --

1 **Q.** You received the email from general counsel

2 saying, "Can this be taken out?"

- 3 And that would have gone back to the authors.
  - I would not -- so I'm not the author of this
- 5 document so I would not personally take it out.
- 6 I would submit it back to Stuart Rye and Paul
- 7 Roberts to deal with the feedback comments.
- 8 Q. Do you recall general counsel's advice being 9
- 10 It appears to, if they've taken it out, yes.
- 11 Can we look at page 5, please, of the right-hand
- 12 side. We can take the left-hand side one off,
- 13 I think. We're just going to try and get it up
- 14 on the left-hand side so we can compare the
- 15 original.

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- We'll just take a moment because it will
- 17 help to see them side by side, I think. Just to
- 18 clarify also, I've been asked to clarify,
- 19 Mr Prenovost or Prevost, he was part of a team
- 20 to lawyers, he wasn't general counsel. I don't
- 21 know if that's --
- 22 We just call them Legal.
- 23 Q. Was he particularly senior in Legal, from your
- 24 recollection?
- 25 A. He's the person that I was put in contact with

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- 1 A. That's what it's saying, yes.
- 2 Q. -- ie the fact that we found the problem and
- 3 found a solution supports the need to protect
- the integrity of the financial transactions? 4
- 5 Yes. Α.
- 6 Q. So it's quite specific, is it not, to this
- 7 particular problem but we discussed earlier
- 8 about whether this is signing off the system
- 9 itself or the problem. Doesn't it now seem to
- 10 be even more specific to the problem rather than
- 11 the system?

13

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- 12 If I -- and I'm looking across at the
  - conclusions and I just looked at 3.6:

14 "The business control at the Counter

- 15 recognises that dual settlement risk is inherent 16
- by having two buttons that can initiate
- 17 settlement. The business requirement is that
- 18 the buttons operate on an exclusive basis --
- 19 ie the use of one ..."

20 So that's not specific to this issue. That 21 is demonstrating how, because you can have two

22 ways of operating into the system, you cannot do

23 them concurrently, because that could cause --

24 So the conclusions are wider, are showing

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protections that have been put as built in and

1 2 3 4 5	Q.	designed in as part of the solution, which is not to do with that specific issue.  So you still believe in this later report, later version, that it is signing off the integrity of the system itself?
6	A.	It's validating our design and our
7		implementation of that design that we should
8		have confidence of the integrity of the system,
9		yes.
10	Q.	Can we go over the page, it's page 7 on the
11		right-hand side. It's still part of the
12		conclusions, 3.19 and 3.20. If it's possible to
13		do a similar thing on the left-hand side.
14		So you'll recall I took you to 3.20, which
15		is:
16		"Stock check is not a reliable method for
17		catching issues due to the erratic nature of the
		ŭ
18		stock check occurring."
19		That doesn't seem to exist in the later
20		version, and also the recommendation that
21		related to stock checking. If we could have
22		a scroll down on the left-hand side if possible,
23		to the recommendations. You'll recall there was
24		that recommendation:
25		"Consider advising the Post Office of the 109
1 2		up whatever they were carrying out at that stage?
3	Α.	I don't even understand that advice. I don't
4		understand what that advice means.
5	MR	BLAKE: Thank you.
6		Sir, that might be an appropriate moment.
7		If you're content to take, say, a 15, 20-minute
8		break now, we could go on after that and I'll be
9		15 minutes.
10	CID	WYN WILLIAMS: Yes, that's fine, Mr Blake.
	SIR	
11		Shall we say we'll start again at 1.10, and then
12		you will have completed approximately by 1.30.
13		Is that what you're telling me?
14	MR	BLAKE: I'll definitely I'll conclude my own
15		questioning by 1.30. There may be some
16		questions. I may have covered everything. So,
17		with goodwill, we will
18	SIR	WYN WILLIAMS: All right. Anyway, with
19		a limited time thereafter. Fine. All right.
20	MR	BLAKE: Thank you very much.
21	(12.	53 pm)
22		(A short break)
23	(1.1	0 pm)
24	MR	<b>BLAKE:</b> Thank you very much. We're now going to
25		move to March 2010. Can we look at FUJ00094958,

1		benefit of more effective stock control as an
2		indicator of clerk errors or fraud."
3		That seems to have been removed in the final
4		version, as well. Are you able to assist us
5		with why those were removed?
6	A.	Because I think, when you asked me that first
7		question about stock check, I couldn't
8		understand, on that first one, why that's
9		relating to the integrity of the system. And
10		I believe you highlighted that. You know, from
11		our discussions, we couldn't understand why this
12		was part of this report, because it's not to do
13		with how system behaves; it's how postmasters
14		interacting with the system behaves. And it's
15		not to do with the subject matter in point.
16		So the advice from Legal was that if it's
17		not part of anything to do with integrity of the
		, , , , , , , , , , , , , , , , , , , ,
18	^	system, remove it.
19	Q.	Do you think, looking back, it would have been
20		helpful for Fujitsu to have taken that
21		independent recommendation, which was to
22		consider advising the Post Office of the benefit
23		of more effective stock control as an indicator
24		of clerk errors or fraud? Some other system, as
25		an indicator of clerk errors or fraud, to back 110
		110
1		please. This is an email exchange of
2		26 March 2010. You are copied in, it's
3		forwarded to you by David Keeling. Who was
4		David Keeling?
5	A.	David Keeling at that time was the customer
6		services director.
7	Q.	He says:
8		"Alan, Peter
9		"Please see Gavin's note below and Dave
10		Smith's mail."
11		Now, this is forwarding, at the bottom of
12		that page, an email from David Smith. Do you
13		remember who David Smith was?
14	Α.	David Smith was Mark Burley's Mark Burley
15		directly reported in to David Smith. I think he
16		was the head of technology in Post Office.
17	Q.	This email was in your bundle, have you read it
18	Ψ.	recently?
19	Α.	I was given it today.
20	Q.	No, not this email.
21	Q. A.	Oh, sorry, this one?
22	Q.	This email you've definitely had for some time.
23	⋖.	We can go through it that's fine. It starts
23		off:
4		OII.
25		"Gavin

"I want to follow up our earlier telecon rather more formally.

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"Whilst we don't yet have a root cause of today's issue given recent events it is difficult not to suspect that it might be related to the introduction of a change. Quite simply there have been too many incidents where poor execution of change has caused a problem in live. The situation demands that Fujitsu take action that is game changing whether that be increased rigour, an injection of [I think 'different'] skills or a change in mindset.

"I also have to be concerned that we seem to be ahead of you and finding out for ourselves that there has been an incident in live rather than hearing from you. We have been here before and I will take a lot of convincing that this is not symptomatic of a reactive mindset. Again we need to see action that is game changing to a proactive style of management.

"The wider POL business and major stakeholders have been incredibly patient thus are. I believe we are now on the cusp of losing them and if we do then experience tells us that we could well end up on the front page of the

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- Smith will be getting a lot of pressure from his business and he wants answers from Gavin as to what are we doing about it.
- Q. Before the break, we were discussing the independent report that was written and the conclusions of that report and it was your belief that that concluded, essentially, that the counter application had integrity or something along those lines. Do these kinds of incidents cause you to doubt such a conclusion,
- 12 A. This incident was preventing Post Office from trading. Nothing to do with the integrity of
  14 what was traded. The incident that triggered
  15 this email was post offices could no longer
  16 trade, so it's nothing to do with integrity;
  17 it's to do with the ability of the business, the
  18 business impact of not being able to trade.

if that was their conclusion?

19 Q. "Quite simply there have been too many incidents
20 where poor execution of change has caused
21 a problem in live."

Isn't that a broader complaint coming from the Post Office, that there had been too many incidents. Rather than just focusing on the one Oracle issue, this is a broader complaint, isn't

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Daily Mail. That will do damage to the reputation of both our businesses."

This is quite an angry email, I think it's

4 fair to say. Do you remember it?

- A. I remember with David Keeling drafting
   a response on behalf of Gavin, yes.
- 7 Q. That's the document that you were provided with.
- 8 A. Yes
- 9 Q. But do you remember the actual -- seeing this10 email that was forwarded to you?
- 11 A. Yes.
- 12 Q. Yes? Do you remember what "today's issue" was?
- A. The Oracle. The Oracle bug that caused
   an intermittent failure to all the pilot post
   offices.
- 16 **Q**. So a significant issue?
- 17 **A.** Yes.
- 18 Q. Do you think that a letter of this nature was19 justified?
- A. I think, as I -- so I'd imagine that David Smith
   is under a lot of pressure from the business
   because having service outages at the pilot post
   offices for a period of time, which is losing
- 24 business for those subpostmasters and Crown
- 25 Offices, plus requiring compensation, David

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- 1 it?
- 2 A. I believe that the Oracle issue triggered this.
- 3 My understanding is that the previous issues
- 4 that have been referred to, have been to do with
- 5 maintenance releases that's gone out to the
- 6 Horizon estate, was my understanding at the
- 7 time.
- 8 Q. So does nothing in this email cause you concern9 or to question a statement that the counter
- 10 system had integrity?
- 11 **A.** Had issues with integrity? No.
- 12 Q. We'll look at the response. It's FUJ00094958.
- 13 This is a draft response. So in the email we've
- 14 just seen, if we scroll up, or we may have
- passed it already but in the email we've just
- 16 seen it says:
- 17 "Please see Gavin's note below and Dave
  18 Smith's mail. I've attached a draft note."
- So that is David Keeling has sent you this note in response. Do you recall this?
- A. He sent Gavin Bounds this note in response and
  I, with David Keeling, drafted this response.
- 23 Q. So you drafted the response?
- 24 A. With David, yes.
- 25 Q. It starts:

"In response to your note of Friday, I do understand your concern regarding outages being contributed to by operational changes in the live estate and had already enforced the message of rigorous change control [access] across our technical and service management teams."

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I'll move to the final paragraph, it says:

"The conflicting needs for deployment progression and stabilisation [that's the issue we were talking about earlier] is always a challenge; which we recognise. However we are striving to demonstrate stability and continuing improvements to the existing Horizon Online

So that was a draft response. Are you aware of whether that response was sent or not?

- 17 A. I assume it was, but I don't know -- if it was, 18 I was not copied on it, or I don't recall being 19 copied on it.
- 20 Q. So nothing in the David Smith email caused you 21 concern with regards to the integrity of the 22 system. Can we look at FUJ00094958 -- actually, 23 sorry, FUJ00095107. Did you not think in that 24 email that Mr Smith himself was questioning the 25

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- 1 expressing a frustration that the changes that 2 were being made were causing other problems, 3 wasn't he?
- Impact to the business, yes, whether --4 Α.

integrity of the system?

- 5 Q. Well, impact to the system, as well as the 6
- 7 A. Could you put the email up again, please?
- 8 Absolutely. If we go back to FUJ00094958. It's 9 the first paragraph of the bottom email on that 10 page. He refers to the recent events. He says:

"Quite simply there have been too many incidents where poor execution of change has caused a problem in live."

He's not confining that to some sort of business problem. I mean, does it not read as though it's concerned impact on the Horizon System and problems with the Horizon System, or --

- 19 A. Okay, so that's very wide. Okay, I don't know 20 what he meant by that.
- 21 Q. Let's look at FUJ00095107. I'm only going to 22 deal with this email briefly. Before it comes 23 on screen, I can tell you it's an email from
- 24 Geoff Butts. You're included in the copy list.
- 25 It's 6 April, so we're now moving to April, and

1 Sorry, putting aside this that's document on 2 screen currently, the earlier communication from 3 David Smith from the Post Office, did you not 4 think that he himself was questioning the 5 integrity of the system?

- 6 A. I read that document that he was raising 7 concerns that when changes are made in to the 8 production system, there's impact against the 9 business, such as the Oracle issue which has 10 caused a, you know, lack of trading. It 11 didn't -- I didn't read it as "I have concerns 12 on the integrity of the system". He said he is 13 concerned that, as part of our process of 14 releasing change into the production, we appear 15 to disrupt the business.
- 16 Because changes affect other parts of system, 17 which then can cause errors in the system?
- 18 I'm not going to come to that conclusion.
- 19 Q. We've heard in this Inquiry about things like 20 code regression, when you change code it may 21 have a negative impact somewhere else, or 22 something along those lines. Was his complaint 23 not that --
- 24 Code regression?
- 25 Q. I'm taking that as an example. His email was 118

1 he savs:

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2 "I was asked to provide some criteria for 3 restarting the High Volume Pilot."

He sets out various matters there. You have added in the issues in square brackets, and by way of example, we can look at five. This is the Oracle issue, it says:

> "A significant reduction in the number of Oracle 3136 errors seen in live."

> > I think that's your comment:

"What is the point of this? The main issue around Oracle 3136 errors was that it sent the BRDB into a non-recoverable 'spin' which led to catastrophic failures."

15 Can you expand? Can you tell us what you 16 were saying there?

- 17 What I'm saying is you can't have a reduction in 18 the number of Oracle 3136 error messages. If 19 that error message occurs, you have 20 a catastrophic failure. Therefore, we have to 21 fix it before we go forward. We can't have 22 a reduction.
- 23 We have there nine individual numbered examples 24 or issues. The number of issues raised here and 25 your comment on, for example, that Oracle issue, 120

again, it doesn't sit well with a commitment to the integrity of the system at that time, does A. I don't recognise the BAL failures. I don't recognise what branch database failures mean in the context of (unclear). I clearly didn't understand what number 3 was. Outages are not integrity related. Number 5 is not integrity related. Number 6 is not integrity related. Q. So you were satisfied at this stage still --A. Number 7 is a wide -- so, from my recollection, those that had a material impact or potential impact on integrity of the solution we took very seriously and we took to resolution. Q. Were you open and honest and upfront with the Post Office about that? 17 A. Yes. Q. Always? A. Yes. Q. Let's look at POL00033100. This is the acceptance report for HNG-X. It's dated in the bottom right-hand corner, 7 July 2010. We have, in this document, if we turn to page 9, we can see acceptance criteria. I only need to look at those very briefly. But by this stage, the 

in simple terms, that the process that -- so the overnight cash handling process was a process that Post Office had to ensure that there was adequate cash levels in each of the branches or ATMs. They don't want too much cash at a branch they don't want too little cash in the branch because if they have too little they run out, they have to have emergency releases and things, that cost them money.

So part of the Horizon, and in the HNG-X system, will provide a statement called the ONCH, the overnight cash handling statement back to the centre to say this is the cash position at this branch and that will determine whether or not the Post Office deliver cash or pick up cash from that Post Office to make sure it has the right, adequate levels of cash for its business.

The issue here was, introducing HNG-X, the postmaster could do something out of the sequence to the process and the information going back to the centre about the cash position was incorrect. Now, the information of the cash position in the statement of accounts in the branch was correct and, therefore, it could

1 stage of this report, 9 July, it says:

"there are no outstanding HNG-X High Severity Acceptance Incidents."

That's point (b) under 1.1. I'm going to look at page 31 in a little more detail. We have on page 31 medium Acceptance Incidents and there are two of those at that time. Thank you.

If we look at the table, it says, Low, 146, so there are 146 Acceptance Incidents there; medium, 2; high, 0. If we go over the page we can look at those medium ones at the bottom of that page. The first concerns patch management, and the second concerns cash declarations. Do you remember the cash declarations issue?

15 A. I don't recall it, no.

16 Q. If we turn to page 37, it there summarises that
 17 Acceptance Incident, the cash declarations
 18 issue. So TS058. Could I ask you to have
 19 a quick look at that and see if it brings
 20 back --

A. Oh, okay, the cash holdings, overnight cash
holdings. I recognise that one, yes.

**Q**. Can you tell us what that one was, in simple24 terms?

**A.** So in simple terms -- goodness. As I recall it

1 create a situation where the cash position or 2 the delivery or collection of cash to that Post 3 Office was incorrect, and Post Office was very 4 concerned that if a post office or an ATM ran 5 out of cash it causes them extra costs because 6 they have to go and do that.

So this was about a process, in as much as to -- needed to be reworked so that the accurate cash position is put to the centre, so that they can do their cash replenishment.

11 Q. This was a medium severity incident and one
12 that, as you said, the Post Office were not
13 happy at all about. I'll take you to the
14 contemporaneous email on that it's FUJ00097001.

Can we look at page 6 and 7 of that. You have been copied in to this email chain higher up. But if we can look at page 6 and 7. Phil Norton sets out, if we could scroll down and over to the next page, a whole load of reasons why he says it needs to be fixed, and I'll just highlight for the sake of time the final paragraph. So it says:

"For all these reasons, this defect needs to be fixed as a matter of urgency and, contrary to the proposal by Fujitsu, without the raising of 

25

1		a CR. The Use Case 'obtain daily cash on hand
2		statements for SAP ADS' was a retained
3		functionality UC, and therefore HNG should
4		operate in the same way as Horizon. It doesn't
5		and therefore this is a defect not a Change.
6		The paper from Gareth at the foot of this mail
7		gives more detail of the issue and the proposed
8		fix."
9		This is still the same issue, isn't it?
10	A.	This overnight cash handling obtain daily
11		cash on hand statements for SAPADS.
12	Q.	I don't want to rush you, you can have a little
13		look above, if you like.
14	Α.	Could you please.
15	Q.	It says, "This [relates to] the feed to SAPADS
16		having NO cash information
17		"The operation implications of this are
18		significant both to the Network and the Cash
19		Inventory Team."
20		Or is this a different issue?
21	A.	I think that might be a different issue.
22	Q.	So there's another issue
23	Α.	It might be the same. We need to go back to the
24		technical experts that resolved this issue.
25	Q.	We can scroll on, if you like, to see if it
	Q.	·
	Q.	We can scroll on, if you like, to see if it
	Q.	We can scroll on, if you like, to see if it
25	Q.	We can scroll on, if you like, to see if it 125
25	Q.	We can scroll on, if you like, to see if it 125  doesn't and therefore this is a defect not
25 1 2	Q.	We can scroll on, if you like, to see if it 125  doesn't and therefore this is a defect not a Change."
25 1 2 3	Q.	We can scroll on, if you like, to see if it 125  doesn't and therefore this is a defect not a Change."  He's specifically referring to this as
1 2 3 4		We can scroll on, if you like, to see if it 125  doesn't and therefore this is a defect not a Change." He's specifically referring to this as defect. Okay.
1 2 3 4 5	A.	We can scroll on, if you like, to see if it 125  doesn't and therefore this is a defect not a Change." He's specifically referring to this as defect.
1 2 3 4 5 6	A.	We can scroll on, if you like, to see if it 125  doesn't and therefore this is a defect not a Change."  He's specifically referring to this as defect. Okay. Do you remember the Post Office in this period,
1 2 3 4 5 6 7	A.	We can scroll on, if you like, to see if it 125  doesn't and therefore this is a defect not a Change." He's specifically referring to this as defect. Okay. Do you remember the Post Office in this period, so June 2010, being concerned and raising those
25 1 2 3 4 5 6 7 8	A. Q.	We can scroll on, if you like, to see if it 125  doesn't and therefore this is a defect not a Change." He's specifically referring to this as defect. Okay. Do you remember the Post Office in this period, so June 2010, being concerned and raising those kinds of concerns? My I don't have a direct recollection, but
1 2 3 4 5 6 7 8 9	A. Q.	We can scroll on, if you like, to see if it 125  doesn't and therefore this is a defect not a Change." He's specifically referring to this as defect. Okay. Do you remember the Post Office in this period, so June 2010, being concerned and raising those kinds of concerns? My I don't have a direct recollection, but Phil Norton is just debating, so I'm making
25 1 2 3 4 5 6 7 8 9 10	A. Q.	We can scroll on, if you like, to see if it 125  doesn't and therefore this is a defect not a Change." He's specifically referring to this as defect. Okay. Do you remember the Post Office in this period, so June 2010, being concerned and raising those kinds of concerns? My I don't have a direct recollection, but
25 1 2 3 4 5 6 7 8 9 10 11	A. Q.	We can scroll on, if you like, to see if it 125  doesn't and therefore this is a defect not a Change." He's specifically referring to this as defect. Okay. Do you remember the Post Office in this period, so June 2010, being concerned and raising those kinds of concerns? My I don't have a direct recollection, but Phil Norton is just debating, so I'm making an assumption that a response went back to Post
25 1 2 3 4 5 6 7 8 9 10 11 12	A. Q.	We can scroll on, if you like, to see if it 125  doesn't and therefore this is a defect not a Change." He's specifically referring to this as defect. Okay. Do you remember the Post Office in this period, so June 2010, being concerned and raising those kinds of concerns? My I don't have a direct recollection, but Phil Norton is just debating, so I'm making an assumption that a response went back to Post Office saying this is a change, not a defect,
25 1 2 3 4 5 6 7 8 9 10 11 12 13	A. Q.	We can scroll on, if you like, to see if it 125  doesn't and therefore this is a defect not a Change." He's specifically referring to this as defect. Okay. Do you remember the Post Office in this period, so June 2010, being concerned and raising those kinds of concerns? My I don't have a direct recollection, but Phil Norton is just debating, so I'm making an assumption that a response went back to Post Office saying this is a change, not a defect, and they come back saying they believe it is
25 1 2 3 4 5 6 7 8 9 10 11 12 13 14	A. Q.	We can scroll on, if you like, to see if it  125  doesn't and therefore this is a defect not a Change."  He's specifically referring to this as defect.  Okay.  Do you remember the Post Office in this period, so June 2010, being concerned and raising those kinds of concerns?  My I don't have a direct recollection, but Phil Norton is just debating, so I'm making an assumption that a response went back to Post Office saying this is a change, not a defect, and they come back saying they believe it is a defect and, on further investigation, it was determined to be a defect.
25 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. Q.	We can scroll on, if you like, to see if it  125  doesn't and therefore this is a defect not a Change."  He's specifically referring to this as defect. Okay. Do you remember the Post Office in this period, so June 2010, being concerned and raising those kinds of concerns? My I don't have a direct recollection, but Phil Norton is just debating, so I'm making an assumption that a response went back to Post Office saying this is a change, not a defect, and they come back saying they believe it is a defect and, on further investigation, it was determined to be a defect. Were they right to be angry about it?
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A. Q.	We can scroll on, if you like, to see if it  125  doesn't and therefore this is a defect not a Change."  He's specifically referring to this as defect. Okay.  Do you remember the Post Office in this period, so June 2010, being concerned and raising those kinds of concerns?  My I don't have a direct recollection, but Phil Norton is just debating, so I'm making an assumption that a response went back to Post Office saying this is a change, not a defect, and they come back saying they believe it is a defect and, on further investigation, it was determined to be a defect. Were they right to be angry about it? I don't know if Phil was angry. I mean, can you
25 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. Q. A.	We can scroll on, if you like, to see if it  125  doesn't and therefore this is a defect not a Change."  He's specifically referring to this as defect. Okay. Do you remember the Post Office in this period, so June 2010, being concerned and raising those kinds of concerns? My I don't have a direct recollection, but Phil Norton is just debating, so I'm making an assumption that a response went back to Post Office saying this is a change, not a defect, and they come back saying they believe it is a defect and, on further investigation, it was determined to be a defect. Were they right to be angry about it? I don't know if Phil was angry. I mean, can you show me the email again?
25 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	A. Q.	We can scroll on, if you like, to see if it  125  doesn't and therefore this is a defect not a Change."  He's specifically referring to this as defect.  Okay.  Do you remember the Post Office in this period, so June 2010, being concerned and raising those kinds of concerns?  My I don't have a direct recollection, but Phil Norton is just debating, so I'm making an assumption that a response went back to Post  Office saying this is a change, not a defect, and they come back saying they believe it is a defect and, on further investigation, it was determined to be a defect.  Were they right to be angry about it? I don't know if Phil was angry. I mean, can you show me the email again?  Absolutely. It's page 7. "Angry" is my word.
25 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. Q. A.	We can scroll on, if you like, to see if it  125  doesn't and therefore this is a defect not a Change."  He's specifically referring to this as defect. Okay. Do you remember the Post Office in this period, so June 2010, being concerned and raising those kinds of concerns? My I don't have a direct recollection, but Phil Norton is just debating, so I'm making an assumption that a response went back to Post Office saying this is a change, not a defect, and they come back saying they believe it is a defect and, on further investigation, it was determined to be a defect. Were they right to be angry about it? I don't know if Phil was angry. I mean, can you show me the email again?

2011 11	шч	uliy 23 Februar
1		assists you. Perhaps the final page, page 10,
2		is the email from Gareth Jenkins. Do you recall
3		the Post Office in June 2010, getting angry
4		about what they called a defect, whether it's
5		the same issue as mentioned in that Acceptance
6		Incident or not?
7	A.	It's probably the same issue.
8	Q.	Probably is the same issue. Do you remember the $$
9		Post Office this angry email from Phil
10		Norton?
11	A.	And can you show me the email, please?
12	Q.	Page 7. Page 6 and 7, bottom of page 6, top of
13		page 7. You'll see, if we scroll up to page 5,
14		you've been copied in.
15	A.	This email here from Graham Allen?
16	Q.	Yeah, you're copied in there.
17	A.	So this email from Graham Allen you're asking me
18		about?
19	Q.	Yes. What I've referred to as the angry email,
20		it is simply the one I read to you before from
21		Phil Norton which says:
22		"For all of these reasons, this defect needs
23		to be fixed as a matter of urgency and, contrary
24		to the proposal by Fujitsu, without the raising
25		of a CR, the use [et cetera, et cetera]. It
		126
4		On hole . I think hole hair a famouful that it
1	Α.	So he's I think he's being forceful, that it
2		needed to be fixed, as a matter of urgency, as
3	_	a priority.
4	Q.	Yes, especially as how close it is to ultimate
5	Α.	acceptance of the system? Yes.
6 7	A. Q.	Can we look at FUJ00097058, still in June 2010.
8	Q.	Is this a document that you recall? It's
9		a report by somebody called Penny Thomas.
10	Α.	I don't recall it from the time, but I recall it
11	Λ.	from the pack that was presented to me.
12	Q.	What was the issue with the ARQ return, in very
13	Œ.	simple terms, and what's said here to be
14		duplicate transaction records?
15	Α.	So this is I think I may have referred to
16	۸.	this earlier, and mistook another potential
17		issue, where we have an audit record that we
18		keep, and there are times, just for in any
19		system, records can be sent twice and previous
20		system that was dealing with audit records on
21		Horizon had a facility to detect duplicate
22		records and then to reconcile those.
23		My understanding of this is that the HNG-X
		i, in the state of

23 A. So this email here, was I copied on this email?

Q. You were copied in the chain, not copied in the

24

25

email.

did not do a similar thing and we had to kind of

128

put in a facility to identify duplicate records.

1	Q.	If we scroll down it says:	1		ensure all instances are covered. A very quick
2		"A discussion took place between Alan	2		review identifies that both West Byfleet and
3		Holmes, Gareth Jenkins and Penny Thomas."	3		Porters Avenue are included here, to what extent
4		What were their respective positions?	4		is not yet known."
5	Α.	Well, Gareth Jenkins, again, SME. Penny Thomas,	5		Are you aware of the relevance of
6		I am not sure but Alan Holmes was very much	6		prosecutions to this particular issue?
7		working in the requirement space and in also		Α.	No.
8		the I think he was a business analyst.			Can we look at FUJ00097046, please. There is
9	Q.	Point 3, one of the tasks/actions is:	9	α.	subsequent discussion of this issue, and let's
10	α.	"Gareth agreed to draft a statement for	10		look at page 4 page 3 scrolling down to
11			11		
		management review detailing the issue for onward			page 4. So at the bottom of page 3, there's
12		transition to [Post Office]."	12		an email from Penny Thomas. You're not at this
13		Then it says:	13		stage copied in. The subject is "Duplication of
14		"A separate issue was also identified where	14		Transaction Records on ARQ Returns". We have
15		a seemingly duplicated transaction had	15		here number of ARQs affected, 112; 12 ARQs where
16		a different NUM and Gareth agreed to review of	16		court action is known, that's the fourth
17		the detail."	17		entry 12 ARQs where court action is known;
18		Do you remember that at all?	18		number of cases, two; 8 ARQs where witness
19	A.	No.	19		statement requested but has not been provided;
20	Q.	No. If we turn over the page:	20		number of cases, three.
21		"We need to identify which cases provided	21		Are you aware of the relevance of this ARQ
22		with ARQ returns since the HNG-X application has	22		information to prosecutions?
23		been live have progressed to prosecution and	23	A.	No.
24		identify whether duplicate records were	24	Q.	Are you aware of concerns within Fujitsu copied
25		included. We will need POL involvement to 129	25		in there, Gareth Jenkins from Penny Thomas about 130
1		the relationship between this duplication of	1		"Penny, would the additional transactions
2		transaction records and its potential impact on	2		make any difference to the charges for
3		prosecutions?	3		a subpostmaster?"
4	A.	I do not recall it.	4		If we scroll up, Penny Thomas says:
5					"These are original records which have been
	Q.	This is June 2010. Do you know how long this	5		These are original records which have been
6	Q.	This is June 2010. Do you know how long this particular issue had been going on for?	5 6		duplicated when copying to Audit Server. We are
6 7	Q. A.	•			-
		particular issue had been going on for?	6		duplicated when copying to Audit Server. We are
7		particular issue had been going on for?  No. I've read this email trail for my pack, and whilst not an excuse, I always take the last two	6 7		duplicated when copying to Audit Server. We are not suggesting that original records have been
7 8		particular issue had been going on for?  No. I've read this email trail for my pack, and whilst not an excuse, I always take the last two weeks of June off on holiday, so that's my	6 7 8		duplicated when copying to Audit Server. We are not suggesting that original records have been duplicated.  "If analysis was undertaken on the audit
7 8 9		particular issue had been going on for?  No. I've read this email trail for my pack, and whilst not an excuse, I always take the last two weeks of June off on holiday, so that's my I always do that. I was copied. Geoff	6 7 8 9		duplicated when copying to Audit Server. We are not suggesting that original records have been duplicated.  "If analysis was undertaken on the audit data some transactions would be duplicated; both
7 8 9 10		particular issue had been going on for?  No. I've read this email trail for my pack, and whilst not an excuse, I always take the last two weeks of June off on holiday, so that's my I always do that. I was copied. Geoff responded, Geoff being my deputy. I do not	6 7 8 9 10		duplicated when copying to Audit Server. We are not suggesting that original records have been duplicated.  "If analysis was undertaken on the audit data some transactions would be duplicated; both plus and minus (we hope!). Analysis on stock
7 8 9 10 11		particular issue had been going on for?  No. I've read this email trail for my pack, and whilst not an excuse, I always take the last two weeks of June off on holiday, so that's my I always do that. I was copied. Geoff responded, Geoff being my deputy. I do not recall this incident, and it may have been	6 7 8 9 10 11		duplicated when copying to Audit Server. We are not suggesting that original records have been duplicated.  "If analysis was undertaken on the audit data some transactions would be duplicated; both plus and minus (we hope!). Analysis on stock units could be out as TI would show duplicated
7 8 9 10 11 12		particular issue had been going on for?  No. I've read this email trail for my pack, and whilst not an excuse, I always take the last two weeks of June off on holiday, so that's my I always do that. I was copied. Geoff responded, Geoff being my deputy. I do not recall this incident, and it may have been resolved because, in reading the email trails,	6 7 8 9 10 11 12		duplicated when copying to Audit Server. We are not suggesting that original records have been duplicated.  "If analysis was undertaken on the audit data some transactions would be duplicated; both plus and minus (we hope!). Analysis on stock units could be out as TI would show duplicated transfers and equally would TO. Cash on hand
7 8 9 10 11 12 13		particular issue had been going on for?  No. I've read this email trail for my pack, and whilst not an excuse, I always take the last two weeks of June off on holiday, so that's my I always do that. I was copied. Geoff responded, Geoff being my deputy. I do not recall this incident, and it may have been resolved because, in reading the email trails, there was a fix available. It may have been	6 7 8 9 10 11 12 13		duplicated when copying to Audit Server. We are not suggesting that original records have been duplicated.  "If analysis was undertaken on the audit data some transactions would be duplicated; both plus and minus (we hope!). Analysis on stock units could be out as TI would show duplicated transfers and equally would TO. Cash on hand analysis would also be out."
7 8 9 10 11 12 13 14		particular issue had been going on for?  No. I've read this email trail for my pack, and whilst not an excuse, I always take the last two weeks of June off on holiday, so that's my I always do that. I was copied. Geoff responded, Geoff being my deputy. I do not recall this incident, and it may have been resolved because, in reading the email trails, there was a fix available. It may have been fixed by the time I returned and I wasn't	6 7 8 9 10 11 12 13 14		duplicated when copying to Audit Server. We are not suggesting that original records have been duplicated.  "If analysis was undertaken on the audit data some transactions would be duplicated; both plus and minus (we hope!). Analysis on stock units could be out as TI would show duplicated transfers and equally would TO. Cash on hand analysis would also be out."  Are you able to assist us with what that
7 8 9 10 11 12 13 14 15	A.	particular issue had been going on for?  No. I've read this email trail for my pack, and whilst not an excuse, I always take the last two weeks of June off on holiday, so that's my I always do that. I was copied. Geoff responded, Geoff being my deputy. I do not recall this incident, and it may have been resolved because, in reading the email trails, there was a fix available. It may have been fixed by the time I returned and I wasn't briefed about it. I just do not recall it.	6 7 8 9 10 11 12 13 14 15	Δ	duplicated when copying to Audit Server. We are not suggesting that original records have been duplicated.  "If analysis was undertaken on the audit data some transactions would be duplicated; both plus and minus (we hope!). Analysis on stock units could be out as TI would show duplicated transfers and equally would TO. Cash on hand analysis would also be out."  Are you able to assist us with what that means?
7 8 9 10 11 12 13 14 15 16	A.	particular issue had been going on for?  No. I've read this email trail for my pack, and whilst not an excuse, I always take the last two weeks of June off on holiday, so that's my I always do that. I was copied. Geoff responded, Geoff being my deputy. I do not recall this incident, and it may have been resolved because, in reading the email trails, there was a fix available. It may have been fixed by the time I returned and I wasn't briefed about it. I just do not recall it.  Okay, let's look at page 3. The bottom email	6 7 8 9 10 11 12 13 14 15 16	A.	duplicated when copying to Audit Server. We are not suggesting that original records have been duplicated.  "If analysis was undertaken on the audit data some transactions would be duplicated; both plus and minus (we hope!). Analysis on stock units could be out as TI would show duplicated transfers and equally would TO. Cash on hand analysis would also be out."  Are you able to assist us with what that means?  That means specifically that if you don't spot
7 8 9 10 11 12 13 14 15 16 17 18	A.	particular issue had been going on for?  No. I've read this email trail for my pack, and whilst not an excuse, I always take the last two weeks of June off on holiday, so that's my I always do that. I was copied. Geoff responded, Geoff being my deputy. I do not recall this incident, and it may have been resolved because, in reading the email trails, there was a fix available. It may have been fixed by the time I returned and I wasn't briefed about it. I just do not recall it.  Okay, let's look at page 3. The bottom email from Guy Wilkerson. Who was Guy Wilkerson?	6 7 8 9 10 11 12 13 14 15 16 17	Α.	duplicated when copying to Audit Server. We are not suggesting that original records have been duplicated.  "If analysis was undertaken on the audit data some transactions would be duplicated; both plus and minus (we hope!). Analysis on stock units could be out as TI would show duplicated transfers and equally would TO. Cash on hand analysis would also be out."  Are you able to assist us with what that means?  That means specifically that if you don't spot there's a duplicate transaction in the audit
7 8 9 10 11 12 13 14 15 16 17 18	A.	particular issue had been going on for?  No. I've read this email trail for my pack, and whilst not an excuse, I always take the last two weeks of June off on holiday, so that's my I always do that. I was copied. Geoff responded, Geoff being my deputy. I do not recall this incident, and it may have been resolved because, in reading the email trails, there was a fix available. It may have been fixed by the time I returned and I wasn't briefed about it. I just do not recall it.  Okay, let's look at page 3. The bottom email from Guy Wilkerson. Who was Guy Wilkerson?  Guy Wilkerson was part of our legal and	6 7 8 9 10 11 12 13 14 15 16 17 18	A.	duplicated when copying to Audit Server. We are not suggesting that original records have been duplicated.  "If analysis was undertaken on the audit data some transactions would be duplicated; both plus and minus (we hope!). Analysis on stock units could be out as TI would show duplicated transfers and equally would TO. Cash on hand analysis would also be out."  Are you able to assist us with what that means?  That means specifically that if you don't spot there's a duplicate transaction in the audit record, not in the record of accounts in the
7 8 9 10 11 12 13 14 15 16 17 18 19 20	A.	particular issue had been going on for?  No. I've read this email trail for my pack, and whilst not an excuse, I always take the last two weeks of June off on holiday, so that's my I always do that. I was copied. Geoff responded, Geoff being my deputy. I do not recall this incident, and it may have been resolved because, in reading the email trails, there was a fix available. It may have been fixed by the time I returned and I wasn't briefed about it. I just do not recall it.  Okay, let's look at page 3. The bottom email from Guy Wilkerson. Who was Guy Wilkerson?  Guy Wilkerson was part of our legal and commercial person that was assigned to the	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Α.	duplicated when copying to Audit Server. We are not suggesting that original records have been duplicated.  "If analysis was undertaken on the audit data some transactions would be duplicated; both plus and minus (we hope!). Analysis on stock units could be out as TI would show duplicated transfers and equally would TO. Cash on hand analysis would also be out."  Are you able to assist us with what that means?  That means specifically that if you don't spot there's a duplicate transaction in the audit record, not in the record of accounts in the Post Office so that is there's no
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q.	particular issue had been going on for?  No. I've read this email trail for my pack, and whilst not an excuse, I always take the last two weeks of June off on holiday, so that's my I always do that. I was copied. Geoff responded, Geoff being my deputy. I do not recall this incident, and it may have been resolved because, in reading the email trails, there was a fix available. It may have been fixed by the time I returned and I wasn't briefed about it. I just do not recall it.  Okay, let's look at page 3. The bottom email from Guy Wilkerson. Who was Guy Wilkerson?  Guy Wilkerson was part of our legal and commercial person that was assigned to the account.	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Α.	duplicated when copying to Audit Server. We are not suggesting that original records have been duplicated.  "If analysis was undertaken on the audit data some transactions would be duplicated; both plus and minus (we hope!). Analysis on stock units could be out as TI would show duplicated transfers and equally would TO. Cash on hand analysis would also be out."  Are you able to assist us with what that means?  That means specifically that if you don't spot there's a duplicate transaction in the audit record, not in the record of accounts in the Post Office so that is there's no integrity question on the record of accounts.
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. Q. Q.	particular issue had been going on for?  No. I've read this email trail for my pack, and whilst not an excuse, I always take the last two weeks of June off on holiday, so that's my I always do that. I was copied. Geoff responded, Geoff being my deputy. I do not recall this incident, and it may have been resolved because, in reading the email trails, there was a fix available. It may have been fixed by the time I returned and I wasn't briefed about it. I just do not recall it.  Okay, let's look at page 3. The bottom email from Guy Wilkerson. Who was Guy Wilkerson?  Guy Wilkerson was part of our legal and commercial person that was assigned to the account.  So he's	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Α.	duplicated when copying to Audit Server. We are not suggesting that original records have been duplicated.  "If analysis was undertaken on the audit data some transactions would be duplicated; both plus and minus (we hope!). Analysis on stock units could be out as TI would show duplicated transfers and equally would TO. Cash on hand analysis would also be out."  Are you able to assist us with what that means?  That means specifically that if you don't spot there's a duplicate transaction in the audit record, not in the record of accounts in the Post Office so that is there's no integrity question on the record of accounts.  However, if you wanted to take a copy from the
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q.	particular issue had been going on for?  No. I've read this email trail for my pack, and whilst not an excuse, I always take the last two weeks of June off on holiday, so that's my I always do that. I was copied. Geoff responded, Geoff being my deputy. I do not recall this incident, and it may have been resolved because, in reading the email trails, there was a fix available. It may have been fixed by the time I returned and I wasn't briefed about it. I just do not recall it.  Okay, let's look at page 3. The bottom email from Guy Wilkerson. Who was Guy Wilkerson?  Guy Wilkerson was part of our legal and commercial person that was assigned to the account.  So he's  Guy was more the commercial, and Jean-Pierre was	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Α.	duplicated when copying to Audit Server. We are not suggesting that original records have been duplicated.  "If analysis was undertaken on the audit data some transactions would be duplicated; both plus and minus (we hope!). Analysis on stock units could be out as TI would show duplicated transfers and equally would TO. Cash on hand analysis would also be out."  Are you able to assist us with what that means?  That means specifically that if you don't spot there's a duplicate transaction in the audit record, not in the record of accounts in the Post Office so that is there's no integrity question on the record of accounts. However, if you wanted to take a copy from the audit server of what happened, in that account,
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. Q. Q.	particular issue had been going on for?  No. I've read this email trail for my pack, and whilst not an excuse, I always take the last two weeks of June off on holiday, so that's my I always do that. I was copied. Geoff responded, Geoff being my deputy. I do not recall this incident, and it may have been resolved because, in reading the email trails, there was a fix available. It may have been fixed by the time I returned and I wasn't briefed about it. I just do not recall it.  Okay, let's look at page 3. The bottom email from Guy Wilkerson. Who was Guy Wilkerson?  Guy Wilkerson was part of our legal and commercial person that was assigned to the account.  So he's	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Α.	duplicated when copying to Audit Server. We are not suggesting that original records have been duplicated.  "If analysis was undertaken on the audit data some transactions would be duplicated; both plus and minus (we hope!). Analysis on stock units could be out as TI would show duplicated transfers and equally would TO. Cash on hand analysis would also be out."  Are you able to assist us with what that means?  That means specifically that if you don't spot there's a duplicate transaction in the audit record, not in the record of accounts in the Post Office so that is there's no integrity question on the record of accounts.  However, if you wanted to take a copy from the

- 1 that and you may come to the wrong conclusion.
- 2 Q. Is that significant for the prosecution of
- 3 subpostmasters?
- 4 A. I don't know.
- 5 Q. Is it potentially significant?
- 6 A. I don't know how this information was used.
- 7 Q. Is it significant to the reliability of the
- 8 data?

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- 9 A. I don't know how this information was used.
- 10  $\,$  **Q.** If we scroll up to page 2, we have Gareth
- 11 Jenkins responding. He says:
- 12 "Penny,

"No, that pretty well covers it. NB there is no guarantee that the duplicates are even complete sessions in which case the sum of all transactions may even be out.

"In summary, any detailed analysis of the finances of a Branch which is done with duplicate transactions without realising that there are duplicates (and so removing them) will give incorrect results."

Does that strike you as a particularly serious problem, given that the Post Office was involved in the prosecution of subpostmasters and others?

133

- 1 A. So I don't know if I had a BlackBerry, certainly
- 2 didn't have an iPhone. So I would receive
- 3 hundreds of emails a day. When I'm on leave,
- 4 I would probably -- I would have taken my laptop
- 5 and I would have scanned just those emails that
- 6 were directly sent to me, not cc'd me. Because
- 7 if it's sent directly to me, I may need to
- 8 forward that email for someone to action on my
- 9 behalf.
- 10 **Q.** So you made a specific decision to only review
- 11 emails that were sent to you rather than copied
- 12 to you?
- 13 A. When I'm on leave, yes.
- 14 Q. How did you know they were copied to you until
- 15 you've opened them?
- 16 A. Because you've got "to", and "cc", and my email
- 17 system is set up for those emails that are sent
- 18 where I am on a "to" list, and the "cc" list
- 19 goes into another folder.
- 20  $\,$  Q. Even on your phone or whatever, you may have
- 21 been taking on holiday?
- 22 A. I didn't have access to emails by my phone. As
- 23 I said, I probably took my laptop on holiday.
- 24 Q. Your laptop. From Penny Thomas, she says:
- 25 "Guy, should I hold off advising my
  - 135

- 1 **A.** If this evidence -- if this, sorry, information,
- 2 this data, was used as part of that evidence,
- 3 yes, it would.
- 4 Q. Scrolling up, from Guy Wilkerson:
  - "Gareth/Penny,
- 6 "I think we need Alan D'Alvarez or Geoff
  - Butts to look at this -- I'd hate to have POL
- 8 raise this as an issue with an HNG-X Acceptance
- 9 Board on Tuesday."
- 10 Do you know why your name is being mentioned
- 11 there

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- 12 **A.** Because there's an acceptance board for HNG-X
- 13 and this is an HNG-X issue.
- 14 Q. Do you recall that that was, in fact, the
- 15 acceptance board meeting where there was
- 16 acceptance of the HNG-X system?
- 17 A. I -- it was a meeting that was scheduled for
- when I was on leave, but I don't believe it took
- 19 place until later.
- 20 Q. If we scroll up, were you back in early July?
- 21 A. Yes.
- 22 Q. Penny Thomas says to Guy Wilkerson and Gareth
- 23 Jenkins, copied in to you -- would you have
- 24 received emails? I mean, 2010, did you have
- probably a BlackBerry or something at that time?
  - 134
- 1 counterpart on this issue?"
- 2 So Penny Thomas was at Fujitsu. Presumably
- 3 "counterpart" there is a reference to
- 4 a counterpart at the Post Office?
- 5 A. I don't recall what Penny Thomas's name is --
- 6 sorry, role was.
- 7 Q. It says there "Security Analyst, Customer
- 8 Services".
- 9 **A.** Okay.
- 10 Q. Can we scroll up. From Geoff Butts:
- 11 "Please do not make any communication on
- 12 this issue with POL for the moment. We have
- 13 been looking at this today and are waiting to
- determine if a proposed workaround is adequate.
- .\_ . ...
- 15 I will come back to you either tomorrow or
- 16 Monday on progress."
- 17 Then, above, Guy says:
- 18 "My nose never fails!"
- 19 We've seen in this email chain -- yes, we've
- 20 seen in this email chain reference to criminal
- 21 prosecutions, a number of court cases, a number
- of cases where witness statements have been
- 23 requested, et cetera. Given that the Post
- 24 Office were prosecuting subpostmasters,
- 25 assistants and others during this period, do you

- 1 think it was right for Fujitsu to hold off
- 2 telling the Post Office until they had a fix or
- 3 a workaround?
- A. Typically what we would do was make sure we had 4
- 5 the right information, because if you go to --
- 6 if we go to Post Office and say "We have an
- 7 issue", you get a barrage of questions. It
- 8 appears -- only appears, I've got no facts from
- 9 this email -- that there's a workaround. So to
- 10 go to the Post Office and say "We have this
- 11 issue, here's a workaround", is better than "We
- 12 have an issue", and then get 20 emails in the
- 13 next two or three days of "What are you going to
- 14 do? What can we do?" Et cetera.
- 15 I don't know the scenario of what Geoff was
- 16 managing at the time. It appears that he wanted
- 17 to review the workaround so that we don't go to
- 18 Post Office and propose something that's
- 19 inappropriate, or it's -- and it's robust.
- 20 Was it a culture within Fujitsu at the time to
- 21 do as you say: to hold off telling the Post
- 22 Office until you found the workaround?
- 23 A. No, until we have a clear definition. In Derby,
- 24 we didn't hold off telling the Post Office but
- 25 we had a clear understanding there was an issue 137
- 1 to discuss the acceptance of HNG-X shortly
- 2 after? Do you know if this issue was raised
- 3 with the Post Office before acceptance?
- 4 A. I would expect it would have done, with any
- 5 either fix or workaround, yeah.
- 6 Q. You would have expected it to have. Did it?
- 7 A. I don't recall.
- 8 Q. Would it have been wrong if it hadn't been
- raised with the Post Office before acceptance? 9
- 10 A. Yes.
- 11 Q. Do you think Gareth Jenkins understood the
- 12 significance in relation to the provision of
- 13 that kind of information to a criminal court?
- A. I can only go by what he's written there, but he 14
- 15 appears to have understood that.
- 16 Q. From your discussions with him, and knowledge of
- 17 him as a person, do you believe that he would
- 18 have known?
- 19 A. Technically he's very able. I don't know his
- 20 knowledge of proceedings and evidence and that.
- 21 Q. And how about Penny Thomas?
- 22 A. As I say, I don't recall Penny. I can see, as
- 23 you've pointed out what her role is, but she was
- 24 in a different department within the account.
- 25 What about those assurances about the integrity 139

- 1 and what the issue was.
- 2 Q. There seems to be a pretty clear identification
- 3 of what the issue is here, just not the
- 4 workaround?
- 5 A. It says, "To determine if a proposed workaround
- 6 is adequate."

- 7 So I think Geoff -- I'm making an
- 8 assumption, you had need to ask Geoff Butts
  - this -- it appears to me from this email he's
- 10 reviewing a workaround, and before he discusses
- 11 it with Post Office, he doesn't want to propose
- 12 something that then we have to withdraw.
- 13 Given that it might impact on whether
- 14 information that's being provided in a criminal
- 15 court is correct or not, do you think it was
- 16 right to hold off telling POL at that stage?
- 17 **A**. If it was going to be within a day to go back
- 18 with them, that could have been an appropriate
- 19
- 20 Q. Is there any indication there, it says "We've
- 21 been looking at this today", but is there any
- 22 indication that it was going to happen then and
- 23 there? The reason I ask is --
- 24 You need to ask Geoff.
- 25 Q. -- is it significant that there was the meeting 138
- 1 of the system that we've been discussing all day
- today? Do you think they were undermined by 2
- this issue? 3
- So the integrity of the cash account and 4
- 5 integrity of the statement of record of what
- 6 happened at a branch, this issue does not
- 7 impact.
- 8 But it impacts on information that's purporting
- 9 to show the integrity of the system, or a system
- 10 that has integrity?
- A. It shows a management information system has 11
- 12 duplicate records, yes.
- Quickly, can we go to FUJ00097080. This is the 13
- 14 final email in that chain, 24 June, or the final
- 15 email we have in that chain, 24 June. In fact
- 16 that's the same one as I've just been showing
- 17 you.
- 18 Can we go back, please, to POL00033100.
- 19 This is the acceptance report we've already
- 20 looked at, 7 July. Shortly after this email
- 21 chain, you're presumably back in the country by
- 22 this stage?
- 23 Α. Yes.
- 24 Can we look at page 4. So version 1 was issued
- 25 to the Acceptance Board on 23 June. That's the

1 bottom of that page. If we scroll down to 2 7 July:

> "This has been updated to reflect changes presented to the board arising from new Acceptance Incidents", et cetera.

I believe the meeting actually may have taken place on 29 June. Were you at the meeting?

- 9 A. If it was on 29 June, I would not have been.
- 10 Q. Are you sure that you weren't at this meeting?
- 11 Would you have been invited to this meeting?
- 12 A. I would have been invited, yes.
- 13 Q. Do you recall the final meeting where HNG-X was
- accepted? I may be wrong on the date of the 14
- 15 29th.

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- 16 A. I remember attending a meeting in Old Street for 17 the acceptance, yes.
- 18 Q. At that meeting, before this was published and
- 19 finalised, did you, or anybody at Fujitsu, to
- 20 the best of your knowledge, raise that very
- issue that we've just been discussing? 21
- 22 A. I don't recall.
- 23 Q. Because Fujitsu were holding off telling POL
- 24 until they may have a workaround. Do you recall
- 25 anyone informing the Post Office either that
  - 141
- Would I be wrong to say that? 1
- A. I think you would. 2
- 3 Q. Not telling POL about a significant issue at
- this period, during this period, sounds guite 4
- 5 significant. Am I wrong on that?
- 6 A. I don't know whether POL was told or not.
- 7 Q. But there's an email chain that said "Hold off
- 8 telling them"?
- 9 A. For a day or two.
- Q. Does it say "a day or two"? 10
- A. It says "until tomorrow or Monday." That's what 11
- 12 I read, sorry. I may have misread that.
- 13 Q. It says, "I'll come back to you either today or
- 14 Monday on progress." That's Guy Wilkerson to
- 15 Geoff.
- 16 A. Or Geoff to Guy Wilkerson, I would have thought.
- 17 Q. "Guy/Penny, please don't make any communication
- 18 on this issue for the moment. We've been
- 19 looking at this today and are waiting to
- 20 determine if a proposed workaround is adequate.
- 21 I'll come back to you either tomorrow or Monday
- 22 on progress."
- 23 A. Okay.
- 24 So it's not saying that they will come back to
- 25 POL on that issue.

- 1 there was a problem with the ARQ returns, or
- 2 that that had been resolved?
- 3 A. I don't recall. It may have been fixed by that 4
- 5 Q. Do you think it would have been right to have
- 6 told the Post Office, before HNG-X was accepted,
- 7 about that issue?
- 8 Yes, but if it was fixed it wouldn't be part of 9
- the acceptance report.
- 10 Q. Well, it may be a concern, though. I mean we've
- 11 seen that email from the Post Office about
- 12 another defect, and I can't remember whether --
- I used "angry", you used "forceful" as the word. 13
- 14 Wouldn't raising this issue with the Post Office
- 15 have received a forceful response of some sort
- 16 that may call into question acceptance?
- 17 Something of such significance?
- 18 I don't recall. As I say, Geoff obviously led
- 19 this. I don't know whether it was fixed
- 20 immediately, how quickly it was fixed. The
- 21 email trail which I read -- which, when I saw
- 22 this, seemed to suggest there was a fix. But --
- 23 Q. To use -- I think I'll borrow words from
- 24 Mr Stein -- that email chain we saw, it looks as
- 25 though it's a bit of a cover-up at that time.
  - 142
- 1 A. No.
- Q. "Tomorrow or Monday". 2
- 3 Very finally, the very final document I'll
- 4 take you to --
- 5 SIR WYN WILLIAMS: Before you do that, Mr Blake, is
- 6 there any evidence that you have seen, written
  - evidence, which shows whether or not POL was
- 8 told?

7

- 9 MR BLAKE: Are you asking Mr D'Alvarez?
- SIR WYN WILLIAMS: I'm asking both of you, in truth. 10
- 11 You as Counsel to the Inquiry, in case there was
- 12 a document one way or the other, but I rather
- 13 doubt, given the nature of your questions.
- 14
- So I'll ask you, Mr D'Alvarez: have you ever 15 seen a document which demonstrates that POL was
- 16 told of this issue?
- 17 I don't recall seeing one.
- 18 SIR WYN WILLIAMS: Right, fine. So if there is such
- 19 a document, no doubt either POL or Fujitsu will
- 20 disclose it.
- 21 MR BLAKE: Yes. Ms Page actually has direct
- 22 involvement in this matter to some extent, and
- 23 she may be able to briefly address you on that.
- 24 SIR WYN WILLIAMS: Well, I don't need to be
- 25 addressed. If there is a document, no doubt --

1		which exists now the relevant party will	1	Mr Whittam has a question or two.
2		disclose it. And I'm just asking them to do it,	2	Questioned by MR WHITTAM
3		basically.	3	MR WHITTAM: Very shortly, please, sir.
4	MR	BLAKE: Thank you.	4	SIR WYN WILLIAMS: Of course.
5		Final document is FUJ00097140. This is	5	MR WHITTAM: Richard Whittam on behalf of Fujitsu.
6		an email from Graham Welsh, the Migration	6	I'd be grateful if we could have FUJ00094959 on
7		Governance Manager. He says:	7	the screen, please.
8		"For the avoidance of any doubt, please	8	Just returning to this, the response you
9		ensure this is cascaded to all the teams. All	9	drafted to what Mr Blake described as the "angry
10		the hard work and long hours of the past months	10	email" from Dave Smith. When it comes up, if we
11		has achieved a position whereby we've entered	11	look at the fifth paragraph down.
12		into rollout."	12	"It's already been agreed and acknowledged
13		So 30 June 2010 is confirming that they had	13	that our prime objective is to minimise
14		entered into rollout. So shortly after this	14	disruption and the ability of the branch network
15		email chain. Is that your recollection?	15	to trade. I am acutely aware of the support and
16	٨	What's the date of this?	16	tolerance of the postmasters and postmistresses
	Α.	30 June 2010.	17	·
17	Q.			in the HNG-X pilot, and recognise their
18	Α.	I mean, I don't recall the dates but I do recall	18	patience. To that end, for the last four weeks
19	_	we entered into	19	we have been proactively calling the PMs in the
20	Q.	, , , , ,	20	pilot to gauge their experiences and to provide
21		24 June and 29 June in regards to that issue, in	21	feedback on any issues they had logged to date.
22		communication with the Post Office?	22	We have also attended the recent NFSP meeting in
23		I don't recall anything, no.	23	conjunction with POL programme."
24	MR	BLAKE: Thank you, sir. Those are all of my	24	You drafted that. Was that accurate?
25		questions. I think Ms Page no, she doesn't.  145	25	A. I drafted that with Dave Keeling, yes.  146
				1.10
1	Q.	Were you aware of the contact with postmasters?	1	Thank you, sir. That's all I ask.
2	Α.	So contact with postmasters, I know there was	2	MR BLAKE: Sir, Mr Moloney has a very brief question
3	,	a programme led by Graham Welsh, who was	3	as well.
4		leading, with Geoff Butts, the Hypercare Team to	4	SIR WYN WILLIAMS: Yes.
5		get feedback. Myself and Mark Burley visited	5	Questioned by MR MOLONEY
6		post offices and spent a morning with post	6	MR MOLONEY: Thank you, sir.
7		offices that were having particular	7	Mr D'Alvarez, I represent subpostmaster Core
8		difficulties, to get their feedback and to give	8	Participants. I've just got one technical
9		explanations as to what we're doing, and moving	9	matter to ask you about, and that's the swapping
10		forward. So I personally visited post offices	10	out of a base unit in a branch. You may
11	_	with Mr Burley.	11	remember that this morning Mr Blake asked you
	Q.	In relation to attending the NFSP meeting, in	12	about issues in the Warwick branch in
13		conjunction with POL programme, did POL have any	13	February 2010. At a meeting on 11 February it
14		involvement in that connection?	14	was noted that there were new BTS issues in
15	Α.	When you say "the POL programme", I believe that	15	Warwick and the base unit was to be swapped out,
16		reference is to Mark Burley. So Mark had	16	but that was noted as not setting a precedent,
17		a standing I don't know what he called it,	17	yes? Why were you concerned that it shouldn't
18		but he had a committee where he had	18	set a precedent?
19		representatives from I think both Crown Offices	19	A. I wasn't when you say it's a case of if
20		and postmasters. And we attended those	20	you have issues as an office, and because it was
21		meetings, as well, as to give explanations on	21	in the pilot site, we wanted to make sure, belt
22		some of the issue that they are seeing what our	22	and braces, that once we've done that, we'd got
23		approach is to resolution of those issues, so	23	a clean view as to what we'd done. I don't
24		yes.	24	recall the exact nature of why they chose to
25	MR	WHITTAM: Thank you.	25	swap out the base unit. But if we state what we
		147		148

1		should do every time there's an issue, we should	1		within an office, would substituting the process	
2		make sure we swap out the base unit, that would	2		of swapping it out be a solution that one would	
3		be very disruptive and also costly, and it will	3		try?	
4		serve no real purpose. But I do not recall the	4	A.	It depends what the issue is.	
5		decision making to do that, other than it looks,	5	Q.	So in some circumstances it might be right and	
6		in what I read this morning, like a and as	6		in others it might not?	
7		a belt and braces, let's make sure they have	7	A.	Correct.	
8		a clean start so we eradicate every possibility	8	Q.	In some circumstances you might want to	
9		of what could have caused the fault.	9		investigate whether or not there was an issue	
10	Q.	So, in essence, it would be important, in order	10		with the process before well, after you'd	
11		to be able to establish what may have gone	11		swapped it out?	
12		wrong?	12	A.	Correct.	
13	A.	Yeah, and it was in the pilot. So in the pilot	13	MF	R MOLONEY: Thank you, Mr D'Alvarez.	
14		we put so much additional support, so much	14	SIF	R WYN WILLIAMS: Is that it, Mr Blake?	
15		additional more analysis. We want to know	15	MF	R BLAKE: That is it, but I have an answer, and	
16		everything that's going on to assure ourselves	16		a document will be going up on CP View to Core	
17		that when we roll out to a large number of	17		Participants in due course. But I've certainly	
18		offices, that it's as robust as we can make the	18		just seen correspondence from 30 June, so that	
19		solution and the system.	19		is the day the email was sent about having	
20	Q.	Would you, as a matter of principle, make	20		completed rollout, or entered into rollout, from	
21		a distinction between the pilot and, as it were,	21		Fujitsu to the Post Office. So there was a	
22		ordinary operations, post-rollout, in that	22		so we have the email from Graham Welsh that we	
23		regard?	23		saw of 30 June at 9.30 in the morning about	
24	A.	Yes. A pilot is a test phase.	24		having entered a position whereby they have	
25	Q.		25		entered rollout. There is an email that will be	
		149			150	
1		coming in due course it's unlikely to be an			INDEX	
2		email for this witness, it will likely be an		AL	AN D'ALVAREZ (sworn)	1
3		email for other witnesses of the same day in				
4		which the Post Office are told by Fujitsu of the			Questioned by MR BLAKE	1
5		ARQ problem.				
6	SIR	WYN WILLIAMS: Right. Fine. Well, no doubt			Questioned by MR WHITTAM	146
7		that will be put in evidence when appropriate.				
8		So thank you, Mr D'Alvarez, for giving			Questioned by MR MOLONEY	148
9		evidence for the second time to the Inquiry.				
10		Thank you, too, for being flexible enough to				
11		give evidence today without having a proper				
12		lunch break, and I extend that thanks to				
13		everyone else in the room. That was primarily				
14		for my convenience, so I should own up to that.				
15		I have inconvenienced you all, but I'm grateful				
16		to you all.				
17		So we'll see you again at 10.00 tomorrow,				
8		yes, Mr Blake?				
19	MR	<b>BLAKE:</b> Yes. Thank you very much.				
20		WYN WILLIAMS: Thank you very much.				
21	(2.0	98 pm)				
22		(The hearing adjourned until 10.00 am				
23		the following day)				
24						
25						

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	<b>11.35 [1]</b> 72/16
	<b>11.57 [1]</b> 72/18
MR BLAKE: [22] 1/3	<b>112 [1]</b> 130/15
1/6 1/10 27/21 44/7	<b>12 [4]</b> 13/25 92/12
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<b>[20]</b> 1/5 27/16 43/4	101/18
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72/10 72/15 111/10	27/22 30/18
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