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Page 1 Thursday, 15 November 2018 2 (10.00 am)3 MR SO YIU WAH, GABRIEL (on former affirmation in Punti) 4 (All answers given via simultaneous interpreter 5 except where otherwise specified) 6 Cross-examination by MR BOULDING 7 MR BOULDING: Good morning, sir. Good morning, Professor

- 8 Good morning, Mr So. I'm acting for MTR and I would
- 9 like to ask you just one or two questions about
- 10 supervision of the works on site, if I may.
- A. Understood. 11
- 12 Q. Yesterday, Mr Chow, who is counsel for the government,
- 13 referred you to a couple of photographs, and we need to
- 14 look at those.
- 15 Could you be shown D1/228.
- 16 Do you remember discussing that photograph with
- 17 Mr Chow?
- 18 A. Yes, I remember.
- 19 Q. Just to remind you of another photograph you were taken
- 20 to, could we go to D1, page 232.
- 21 Again, just to set the scene for our discussion, do
- 22 you remember being asked questions about that photograph

Do you remember telling the good professor that?

A. Yes, I remember that. Those are the normal working

Q. Prof Hansford then pointed out to you, did he not, that

Q. At Day 18, page 157, lines 8 to 18, you explained, did

you not, that if overtime working was agreed with the

Q. Now, looking back at the photographs, if we may --

sub-contractor, Leighton's supervision would be arranged

D1/228 and D1/232 -- I'm going to ask you whether or not

I don't know, Mr So, whether you will have seen this

For that purpose, I would invite your attention to

2015, but after 6 pm; do you remember that?

to monitor the works; do you recall that?

both of these photographs were taken on 22 September

your answer was that you were working from 8 am to 6 pm.

23 by Mr Chow?

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A. Yes.

14 A. Correct.

- 24 A. Yes, I remember.
- 25 Q. The transcript records that Prof Hansford asked you

- 1 In the column on the left you've got the location; do
- 2 you see that?
- 3 A. Yes, I see it.
- 4 Q. Then we can forget folder number for the time being, but
- 5 then there's a reference to the bay number; do you see
- 6 that?
- 7 A. Yes, I see it.
- Q. And all of the bays in each area of the EWL are
- 9 identified, are they not?
- 10 A. Yes.
- Q. Then we've got a column entitled, "Completion of 11
- blinding", but for present purposes I don't think I need 12
- 13 to take you there.
- 14 But then do you see a column entitled, "Commencement
- 15 of rebar"?
- 16 A. I see it.
- Q. Then "Completion of rebar" is the next column; do you 17
- 18 see that?
- 19 A. Yes, I see it.
- 20 Q. Then a "Concrete pour date"; do you see that, Mr So?
- 21 A. Yes, I see it.
- 22 O. If we scroll down in this summary and we look at
- 23 area C1 -- do you see area 1 under the "Location"?
- 24 A. Yes, I see it.
- 25 Q. And when you look at area C1, bay 4, under the column

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entitled "Bay no."-- do you see that? 1

2 A. Yes.

- 3 Q. Then if you would be kind enough to cast your eyes
- 4 across to the column entitled, "Commencement of
- 5 rebar" -- do you see that?
- 6 A. Yes, I see it.
- 7 Q. Do you see a commencement date of 14 September 2015?
- 8 A. Yes, I see it.
- 9 Q. Then if we go to "Completion of rebar" column, do you
- 10 see a completion date for rebar of 26 September 2015?
- 11 A. Yes, I see it.
- 12 Q. Then, finally, a concrete pour date of 29 September
- 13 2015; do you see that?
- 14 A. Yes, I see it.
- 15 Q. You can take it from me, Mr So, that this track slab
- construction pour summary shows that the only bay, in 16
- 17 fact the only area, in the EWL track slab where rebar
- 18 work was going on on 22 September was area C1, bay 4.
- 19 Will you take that from me?
- 20 A. Yes.
- 21 Q. Then if we go back to the photos -- D1/228 -- go to
- 22 D1/232, if you would be kind enough -- we can see there,
- 23 can we not, that the workers, who I don't think you were
- 24 able to identify, are carrying out rebar work; is that
- 25 correct?

about the working hours of your supervision team, and

construction pour summary. Do you see that title across

24 A. Yes, I see it's a summary.

the top?

you can identify that area.

a document at B5/2902.

Q. If we look at this document, we can see how IT works.

document before, but it's the EWL track slab

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- A. Correct.
- 2 Q. In those circumstances, taking account of this EWL track
- 3 slab construction pour summary, the likelihood, the
- 4 strong likelihood, I suggest, is that this photograph,
- 5 on 22 September 2015, is showing work going on in
- 6 area C1, bay 4; that would be right, wouldn't it?
- 7 A. Yes, that should be the case.
- 8 Q. Now, I wonder if you would be kind enough to look at
- 9 another document with me, please. We get this document
- 10 at bundle B5, SD6164.
- 11 So here we are. I don't suppose you will have seen
- 12 this document before, Mr So, but you will see it's got
- 13 the MTR logo on, and in the second part of the bar at
- 14 the top do you see that it says, "Site diary"?
- 15 A. Yes, I see it.
- 16 Q. And it's for contract no. 1112.
- 17 Then if we could look, please, at bundle B5, tab 45,
- 18 SD6166 -- so we are moving on a couple of pages -- and
- 19 just to get the date again, do you see in the top
- 20 right-hand corner that there's a reference to
- 21 22 September 2015?
- 22 A. Yes, I see it.
- 23 Q. Then if you'd be kind enough to scroll down so we can
- 24 see what's at the bottom of the page -- do you see a bar
- 25 at the bottom headed, "Remarks"?

- 1 A. Yes.
- 2 Q. On the basis that this work and indeed various other
- 3 works are recorded, but on the basis that the work for
- 4 C1, bay 4 is recorded here and signed off, I assume that
- 5 you would regard that as being agreed overtime; that
- 6 would be right, wouldn't it?
- 7 A. Yes, based on this summary, yes.
- 8 Q. So, if it was agreed overtime, do I understand that
- 9 Leighton's supervisors, Leighton's inspectors, would
- 10 have stayed on the site after 6 pm to supervise that
 - work and inspect it as necessary; would that be correct?
- 12 A. If it's been planned, yes, definitely.
- 13 Q. We can see, can we not, that Mr Tang has signed it on
- 14 22 September 2015, and can I suggest that it's
- 15 reasonable to infer from that that Mr Tony Tang would
- 16 have witnessed that work going on and indeed recorded
- 17 that fact or evidenced that fact by signing off this
- 18 document; is that the way you would understand it?
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- 20 Q. So, on that basis, it would also appear, would it not,
- 21 that MTR inspector of works, Mr Tony Tang, was on site,
- 22 certainly up until 23:00 hours on that day, because
- 23 that's when the rigger and the carpenter are recorded as
- 24 working until? Is that the way you'd understand that?
- 25 A. Yes, according to this summary.

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Page 8

- 1 A. Yes, I see it.
- 2 Q. And under the "Remarks" column, you can see, can you
- 3 not, that someone has written in a blue pen various
- 4 things concerning what was going on in parts of area C
- 5 of the EWL slab; do you see that?
- 6 A. Yes, I see it.
- 7 Q. For present purposes, I'm interested in area C1, bay 4,
- 8 because of the answers you've given me already.
- 9 Do you see there written, "3 concrete breaker until
- 10 19:00"; do you see that?
- 11 A. Yes, I see it.
- Q. And then, "17 rebar fixer until 22:00"?
- 13 A. Yes.
- 14 Q. Then, "1 rigger & 1 carpenter until 23:00"; do you see
- 15 that?
- 16 A. Yes, I see it.
- Q. And on the basis that this is recorded in MTR's site 17
- diary for 22 September 2015, and signed off by various 18
- 19 inspectors of works -- do you see that, signed off by
- 20 Tony SH Tang, dated 22 September 2015, and endorsed by
- 21 the senior inspector of works, a Mr Pedro So.
- 22 We can see it's signed off, can we not, by a Mr Tony
- 23 Tang on 22 September 2015; do you see that?
- 24 A. Yes, I see that.
- Q. He's an inspector of works; correct?

- Q. I wonder whether I can put a document to you, Mr So --
- 2 and I do apologise, sir, in advance, because at the
- 3 moment this has not been disclosed but it's
- 4 a two-page email and I wonder whether I can hand it
- 5 around and of course disclose it and put it in the
- 6 bundle in the normal way.
- 7 CHAIRMAN: Yes, of course.
- 8 MR BOULDING: I'm much obliged. Thank you very much.

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- 10 Do you have that document yet, Mr So?
- 11 A. (In English) No.
- 12 Q. Sorry. (Handed).
- 13 You will not have seen this document before, Mr So,
- 14 but do you see the heading, "Re: extended hours work on
- 15 22 September 2015". Do you see that?
- 16 A. Yes, I see that.
- 17 Q. Just for the record, we're talking, are we not, about
- 18 the very same day upon which the photographs D1/228 and
- 19 D1/232 were taken; correct?
- 20 A. Correct.
- Q. It's an email from Mr Andy Wong to various persons. 21
- 22 Andy Wong, you will know, was an assistant inspector of
 - works who worked for MTR; that's correct, isn't it?
- 24 A. I don't remember the name Andy Wong.
- Q. Okay. He's coming to give evidence in due course, but

Page 9 Page 11 1 1 let's see how we go. a couple of discrepancies --2 2 COMMISSIONER HANSFORD: Can we blow up the corner of the We can see, can we not, that the email goes to 3 a multitude of people, including a Tommy Leong. Did you 3 diary, please, on the screen. 4 MR BOULDING: Sorry, sir. 4 know that he was another inspector of works? Is that 5 5 COMMISSIONER HANSFORD: It's not you. someone you knew? 6 That's it. 6 A. Yes, I know Tommy Leong. 7 Q. And also a Kobe Wong. Did you know Kobe Wong? 7 MR BOULDING: Broadly speaking, what I suggest to you, 8 Mr So, broadly speaking, is that what Andy is recording A. Yes, I know Kobe Wong. 9 9 agrees with what Tony Tang is recording. Andy Wong has Q. He's coming to give evidence, and he was, was he not, 10 10 got 18 steel fixers, Tony Tang has 17 rebar fixers. an inspector of works; correct? 11 A. Correct. 11 There are three labourers in Andy Wong's email, which 12 12 Q. If we look at the date of the email, we can see that I take to be the three concrete breakers. Then we've 13 got some riggers, a mobile crane with an operator and 13 it's sent on 22 September 2015; do you see that? 14 14 A. Yes, I see that. the crane lory -- that doesn't seem to appear in the 15 site diary -- and the activity, do you see that, "Steel 15 Q. And at Hong Kong time 22:24:25? 16 A. Correct. 16 fixing of EWL slab and preparation works for 17 Q. So it's pretty late in the day, is it not? 17 waterproofing, shift cable wheel"; do you see that, 18 A. Correct. 18 Mr So? 19 A. I see that. 19 Q. Then we've got a whole load of attachments which for 20 present purposes I don't need to go to with you, but do 20 Q. So, again, and it must follow, for Andy Wong, an MTR 21 you see that Andy Wong is saying: 21 inspector of works to have recorded that at almost half 22 "Dear all, 22 past ten on 22 September 2015, it must follow, mustn't 23 23 it, that he was there on site to see that and record it; Attached please find photos for the captioned and 24 24 that must be right, mustn't it, Mr So? manpower summary as following". 25 25 A. Normally, yes. Do you see that, Mr So? Page 10 Page 12 MR BOULDING: Thank you very much, Mr So. I've got no 1 A. Yes, I see that. 1 2 Q. Then there are, are there not, a whole load of areas 2 further questions. 3 3 Thank you, sir. Thank you, Professor. from contract 1112 which are referred to by Andy Wong? 4 4 CHAIRMAN: Thank you. Is there anybody else? No. A. Yes, I see that. 5 Q. But the part of the document that I'm interested in for 5 MR SHIEH: Mr Chairman, I have no re-examination, but there 6 present purposes is that bit which starts at the top of 6 is one point on the transcript which I would wish to 7 7 draw to your attention which the Commission may find the second page. There, do you see a reference to area C1-4? 8 8 helpful. 9 9 A. I see that. The Commission may remember that yesterday, when 10 Q. And that of course is the same bay, bay 4, area C1, that 10 Mr Chow for the government was asking questions of this 11 we've been discussing over the course of the last five 11 witness, he referred to the hydro-jetting and the effect 12 12 minutes or so, is it not? of the hydro-jetting on the couplers, and there was 13 13 A. Yes. a discussion as to whether or not that would cause quite 14 Q. If we look below that, we can see, can we not, that Andy 14 a number of damaged couplers. 15 Wong is recording the workers who were engaged working 15 I have located the transcript reference. It may or 16 on area C1, bay 4, from 6 o'clock in the evening to 16 may not be that anything turns on it, but because the 17 17 10 o'clock in the evening; is that the way you point has been raised, I think it may be helpful for me 18 18 understand it? to just get the transcript reference on record. 19 A. Yes. 19 Can I ask the Commission to look at the transcript 20 Q. Looking down -- I'm not going to go through them all --20 of Day 14, which is 8 November, page 61. At the 21 but, for example, we can see that he's recording 21 beginning, we could see at line 3 Prof Hansford raising 22 18 steel fixers? 22 the question about the styrofoam being removed by the 23 23 A. I see that. hydro-jetting. 24 Q. If we were to carry out a comparison between the content 24 If I were to ask the Commission to look at 25 of this document and the site diary, whilst there are 25 page 63 -- or in fact we can look at 62, line 4:

Page 13 Page 15 1 "First of all, how often, how frequent was 1 usually there would be water and trash. As for the 2 2 a concrete residue problem or issue?" number of damaged couplers, there were very few damaged 3 This is Joe Cheung's evidence. 3 couplers; there were only two or three." 4 "I would not spend a lot of time dwelling on that. 4 So I would take it that this was probably the 5 5 I would perform a quick visual inspection, then I would passage in the exchange that the Commission recollected 6 inform Leighton to rectify couplers with residue 6 yesterday as showing that the effect of the 7 concrete or damaged couplers, and then I would proceed 7 hydro-jetting was perhaps more merciful, because in 8 the works to install the couplers. 8 relation to the exchange vesterday, so that we complete 9 9 the record -- it was yesterday's transcript, page 143 --Question: How frequently would that happen, 10 10 in fact, page 142 at the bottom, line 22, and this is Mr Cheung? 11 11 Answer: This is part of the process. After the Mr Chow asking: 12 hydro-jetting, the diaphragm wall would not be complete 12 "Mr So, my earlier question is whether you are aware 13 or clean anyway. So I would inform Leighton to clean it 13 of the fact that after the couplers were exposed by way 14 up anyway. So I would inform Leighton to clean it up 14 of the hydro-demolition process, a significant number of 15 before we resume the works. So if there's a lot of 15 couplers were damaged?" 16 trash in your home, then I would have it cleaned before 16 And then followed the exchange that took place 17 17 between the Commission and Mr Chow. I go inside. 18 Question: I understand that, Mr Cheung, but what 18 Then it carried on, and I think we can see 19 19 I was trying to get you to help us on was how frequent Mr Chairman remarking, at line 24: 20 20 "No, that's my firm recollection, that the hydro the problem was. Was the concrete residue issue 21 something that happened all the time, very 21 system was much more merciful on couplers than the hand 22 22 system of hacking and chipping." occasionally ...? 23 23 And Prof Hansford also confirmed that that was his Answer: From what I saw, it happened to only very 24 24 understanding. I hope I have referred the Commission to few couplers. 25 Question: Okay. Thank you. Who at Leighton would 25 the actual transcript of where Mr Joe Cheung gave that Page 16 Page 14 1 evidence. you notify ... 1 2 2 Answer: The site foreman of the area ... I hope that assists. 3 3 CHAIRMAN: It does. Thank you very much. Question: So is it right that Leighton had 4 designated foremen and engineers for specific areas; is 4 Questioning by THE COMMISSIONERS 5 that what you're saying? 5 COMMISSIONER HANSFORD: I have one question for Mr So. 6 6 Mr So, perhaps you can help me with something. In Answer: Correct. 7 7 your witness statement -- could we go to the witness Question: So you would know who they were and you 8 would speak to either the foreman or the engineer for 8 statement, paragraph 15; it's on C24110. 9 9 I don't know the Chinese page, of course. But in that particular area where you had a problem? 10 Answer: Correct. 10 paragraph 15, you are referring to Mr Chu's statement 11 and you are giving your comment regarding a green 11 Question: Once you had notified them, how quickly 12 grinding/cutting machine, and you say this was a very 12 would they be able to clear the concrete residue? 13 13 common hand tool to be used on the project for Answer: They would do it very quickly, within 14 14 legitimate purposes; is that right? That's what you a day. 15 15 Question: Okay. The picture I've got, Mr Cheung, say? 16 A. Yes, correct. 16 is that if you've inspected -- if you have a long line 17 17 COMMISSIONER HANSFORD: Now, I can understand what a cutting of couplers in a number of different rows of couplers, 18 tool is used for, and we've seen examples of cutting 18 you would say to Leighton or the foreman ... 'Look, in 19 19 this area, along this stretch, I think there are just tools, battery-operated hand-saws. We have seen those. 20 20 But I don't know what a grinding machine would be two or three couplers with concrete residue; could you 21 commonly used for, so can you help me by telling me what 21 come and fix it'? 22 22 a grinding machine would be used for on site, for Answer: There would not be two or three couplers. 23 23 legitimate purposes? Question: How many? Just one? 24 24 Answer: How should I put it? After the hydro-jet A. There are several uses for the grinder. If the grinding 2.5 25 blasts opened the couplers, the caps were gone, and plate is put on, the disc is put on, it could be for

1 2	Page 17		Page 19
2	grinding the concrete, but if it's a cutter disc, then	1	MR CHANG: So we have Mr Chan.
	it's for cutting tie bows or for the smaller	2	Good morning, Mr Chan. Please put your headphones
3	50 millimetre diameter bars, and so on. So it could be	3	on and please take a seat.
4	used for those purposes.	4	We will be asking you questions in English, so
5	COMMISSIONER HANSFORD: So when would you use a grinder as	5	please wait for the interpretation through your
6	opposed to using a cutter? When would you use	6	headphones.
7	a grinder?	7	A. (Via interpreter) Understood.
8	I can understand that the cutting machine was quite	8	MR CHANG: For the record, can you state your full name to
9	common, but sometimes, you're saying, you would use	9	the Commission?
10	a grinder. So when would you need to use a grinder	10	WITNESS: (Via interpreter) Chan Chi Ip.
11	rather than a cutter?	11	MR CHANG: Thank you. May the witness be shown bundle C27
12	A. For grinders, maybe for some concrete, maybe there's	12	If Mr Chan can first take the affirmation.
13	a cutting edge, so we would need to smooth out the	13	MR CHAN CHI IP (affirmed in Punti)
14	cutting edge and that's when we would need a grinder.	14	(All answers given via simultaneous interpreter
15	COMMISSIONER HANSFORD: So are you telling me that a grinder	15	except where otherwise specified)
16	is for grinding concrete, whereas a cutter is for	16	Examination-in-chief by MR CHANG
17	cutting steel and maybe other materials? Is that what	17	Q. C27/20667. The English version starts from 20670.
18	you are telling me; a grinder is primarily for concrete?	18	Mr Chan, before you is what we can see, Chan
19	A. Correct.	19	Chi Ip's first witness statement. You can either look
20	COMMISSIONER HANSFORD: Okay. That's useful. Thank you.	20	at the screen or look at the hard copy.
21	CHAIRMAN: Good. Thank you very much indeed, Mr So. Your	21	A. Yes.
22	evidence is completed now. You can go. Thank you.	22	Q. If you go all the way to C20669, there is a signature.
23	WITNESS: (In English) Thank you.	23	Can you confirm whether that's your signature?
24	(The witness was released)	24	A. Yes, it is.
25	MR CHANG: Chairman and Professor, the next witness will be	25	Q. Is this your first witness statement for the purpose of
	Page 18		Page 20
1	Mr Chan Chi Ip.	1	this Inquiry?
2	Before he takes the stand, it might be useful to	2	A. Yes.
3	show the Commission this document, the organisation	3	Q. If we can go to bundle C32/24057. The English version
	chart, so as to put Mr Chan on site as such.		`
4		4	starts from 24065.
5	If we can produce bundle C7, page 5535.	5	
			starts from 24065.
5	If we can produce bundle C7, page 5535.	5	starts from 24065. Before you, you should see this document titled,
5 6	If we can produce bundle C7, page 5535. COMMISSIONER HANSFORD: What is the date of this one?	5	starts from 24065. Before you, you should see this document titled, "Second witness statement of Chan Chi Ip", and if the witness could be shown the same bundle, C32, page 24064, again we can see a signature. On the top, under the
5 6 7	If we can produce bundle C7, page 5535. COMMISSIONER HANSFORD: What is the date of this one? MR CHANG: This is as of 14 May 2015, as we can see from the top-left corner. COMMISSIONER HANSFORD: I can't yet, but okay, thank you.	5 6 7	starts from 24065. Before you, you should see this document titled, "Second witness statement of Chan Chi Ip", and if the witness could be shown the same bundle, C32, page 24064,
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5 6 7 8 9 10 11 12	If we can produce bundle C7, page 5535. COMMISSIONER HANSFORD: What is the date of this one? MR CHANG: This is as of 14 May 2015, as we can see from the top-left corner. COMMISSIONER HANSFORD: I can't yet, but okay, thank you. MR CHANG: In fact this chart was put to Mr So yesterday, when Mr Chow asked him questions. If we can go to the left side of the chart, under "Site manager", and if we can blow it up a bit, we can see "Mr Gabriel So, general superintendent", and under	5 6 7 8 9 10 11 12 13 14	starts from 24065. Before you, you should see this document titled, "Second witness statement of Chan Chi Ip", and if the witness could be shown the same bundle, C32, page 24064, again we can see a signature. On the top, under the date, can you confirm whether that's your signature? A. Yes. Q. Do you confirm this to be your second witness statement for this Inquiry? A. Yes. Q. Do you confirm both witness statements, the contents to
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Page 21

- 1 Q. As you have just been told, I'm one of the counsel to
- 2 the Commission and I'm going to ask you a few questions,
- 3 and then others may have some questions after that.
- 4 Also, the chairman and the professor may also have some
- 5 questions, and when we've all finished, if your counsel
- 6 feels it necessary or appropriate, they will ask some
- 7 further questions, if they think it's necessary.
- 8 Mr Chan, thank you very much, first of all, for
- 9 coming to give evidence this morning.
- My understanding is you were a site supervisor on 10
- 11 the project from 2014 right through to July 2017; is
- 12 that correct?
- 13 A. Correct.
- 14 Q. You were specifically responsible, as I understand it,
- 15 for supervising areas C1, C2 and C3; is that correct?
- 16
- Q. That is in relation both to the EWL slab and the NSL 17
- 18 slab; is that right?
- 19 A. Right.
- 20 Q. As a site supervisor, as I understand it, you, broadly
- 21 speaking, apart from breaks and lunch hours and so
- 22 forth, would essentially be on site all day?

engineering team; is that correct?

and Man Sze Ho; is that right?

23 A. Yes.

A. Correct.

A. Correct.

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- 24 Q. You tell us that you were not involved in any formal
- 25 inspection of the works, and as I understand it you

would have left the formal inspections to the

Q. And that engineering team, broadly speaking, comprised,

Q. So far as routine inspections are concerned or routine

A. Every morning, after the morning drill, then I would go

out to the site and my supervisor would have arranged

the workers of the sub-contractors to do which part of

every morning I would just watch over my areas. I would

the task, and then we follow the progress, and then

see whether the sub-contractors have assigned the

Q. But apart from identifying whether or not the right

number of workers were there for the sub-contractors,

did you actually watch them installing the rebar? Did

to couplers, for example? Did you actually see that

A. When I get to that spot, if workers are working on

rebars, like screwing bars into couplers, as you

you get close to them, watch them screwing in the rebar

required number of workers to do the work.

going on at close quarters?

is this right, Mr Andy Ip, Mr Joe Leung, Mr Edward Mok

- 1 mentioned, then I see them doing that, but I wouldn't be
- 2 standing there for a long period of time. I see that
- 3 there are workers doing the work and then I would
- 4 continue to move on to another area or check another
- 5 sub-contractor. So I would continue with my round of
- 6 inspections.
- 7 Q. Yes. I appreciate there were perhaps at any one time
- 8 a number of sub-contractors working in any one area, and
- 9 you had to keep your eye on all of them. What sort of
- 10 percentage of time, approximately, do you think you
 - would spend watching over/supervising the Fang Sheung -
- 12 the rebar fixers?

11

- 13 A. On the basis of a day, on the basis of a full day?
- 14 Q. Yes, just an ordinary day.
- 15 A. How should I put it? At a location, I might stay 15 or
- 16 20 minutes, and if there are problems to be resolved for
- 17 the workers or if there are safety issues that warrant
- 18 attention, I might stay longer. So I might stay one or
- 19 two hours, in that case.
- 20 So, over the course of a day, I would at least stay
- 21 there for one or two hours.
- 22 Q. Right. So that's, what, 15-20 per cent of a day, of
- 23 that order?
- 24 A. The 15 to 20 per cent applies to the hour rather than
 - the whole day. So it's just an average figure and

Page 22

- I would not go back and forth for the inspections. 1
 - 2 Q. All right. So am I right or am I wrong: given
 - 3 an ordinary day, working from 8 o'clock to 6 o'clock,
 - 4 you've got a number of sub-contractors working in
 - 5 a particular area, and you might spend, am I right or
 - 6 wrong, about 20 per cent of that day looking at the
 - 7 rebar work, and the rest of the day looking at other
 - 8 matters?
- 9 supervision is concerned, what did you actually do in A. Yes, I would at least spend that amount of time, and if terms of supervising the installation of the rebar?
 - 10 necessary I would spend even longer. So I would
 - 11 distribute my time among all the contractors in my area.
 - 12 Q. All right. Now, in area C1/C2/C3, where you were
 - 13 supervising the sub-contractors' works, were you the
 - 14 only supervisor in that area or were there more? From
 - 15 Leightons, I mean.
 - 16 A. No.
 - 17 Q. Let me put it again: were you the only supervisor in
 - areas C1, C2 and C3? 18
 - 19
 - 20 Q. How many were there?
 - 21 A. What I meant was in my areas there would be other
 - 22 supervisors, so I'm not the only one.
 - 23 Q. Right. How many supervisors were there in areas C1, C2
 - 24 and C3?
 - A. I can't remember how many supervisors there were. What

25

A. No.

Page 28

Page 25

- 1 I meant was, for certain processes, they would be
- 2 monitored by supervisors, and for other works, there
- 3 would be other supervisors. So, in my areas, there
- 4 would be other supervisors.
- 5 Q. All right. If a sub-contractor such as Fang Sheung was
- 6 required to work overtime, that is after 6 o'clock in
- 7 the evening, would you or any other supervisor stay
- 8 on site to supervise them and watch over them?
- 9 A. We would tell our superiors and they would make
- 10 arrangements. So a supervisor from my areas or from
- 11 another process would stay behind.
- 12 Q. Right. So I think the answer to my question is "yes",
- 13 that if a sub-contractor was required to do overtime,
- 14 and work, say, until 10 o'clock at night, doing the
- 15 rebar fixing, Leightons would ensure there was
- 16 a supervisor on site during that period?
- 17 A. Correct.

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- 18 Q. Do you recall that you yourself supervised late into the
- 19 evening sometimes?
- 20 A. Yes, there were such occurrences.
- 21 Q. All right. Did it happen frequently?
- 22 A. I cannot quite remember. It did happen, and it occurred
- 23 quite frequently at times.
- 24 Q. Okay. Mr Chan, are you familiar with a document called

A. I never saw it before. I never saw the document you

Q. Right. What about the quality supervision plan for --

CHAIRMAN: Sorry, I do apologise. The answer was slightly

ambiguous. I think I know what he means. But "are you

aware", "I don't know" -- I think he means, "No, I'm not

aware of it", but I would rather that was made clear.

There's a document, Mr Chan, called a quality

supervision plan, and there is such a document that

specifically relates to the installation of couplers and

rebar. Is that a document that you are familiar with?

Q. There's a first time for everything, Mr Chan. Could

At 4539, Mr Chan, is a document, a letter dated

3 August 2015, and I appreciate that it's not a letter

you will have seen before. It's from the MTR to the

I ask you, please, to be shown first of all the site

supervision plan, which is at H10/4539.

Buildings Department; do you see that?

MR PENNICOTT: Yes. Let me put it again.

A. I never dealt with this document.

specifically in relation to couplers and the

installation of rebar? Is that something you're

25 the site supervision plan?

mentioned.

familiar with?

Q. Right. I'd like to --

A. I don't know.

1 A. Yes, I see that, but I have not seen it before.

- 2 Q. No, I appreciate that.
- 3 If you go down towards the bottom of the page, what
- 4 the MTR is submitting to the Buildings Department is,
- 5 amongst other things, a duly completed and signed site
- 6 supervision plan; do you see that?
- 7 A. Sorry, I -- if you tell me, then I would know, but my
- 8 English is bad so I don't understand it.
- 9 Q. Right. I hope this is being interpreted and translated
- 10 to you.

14

- COMMISSIONER HANSFORD: It's the written copy. 11
- MR PENNICOTT: I'm sorry. But all of that will be 12
- 13 interpreted to you.
 - The first box, under "Document", it says, "Duly
- 15 completed and signed site supervision plan", take it
- 16 from me. All right? Do you understand?
- 17 A. (In English) Okay.
- 18 Q. All right. Then if you would be good enough to go back
- 19 to 4539, at 4539, just under the first box, just over
- 20 halfway down the page, it says:
- 21 "The design of the excavation and lateral support
- 22 for area C3 ..."
- 23 Do you see that, area C3, so one of the areas you
- 24 were responsible for; do you see that?
- 25 A. Yes, I see that.

Page 26

- 1 Q. Then if you go to 4543, we see the front sheet of the
- 2 site supervision plan; do you see that?
- 3 A. Yes, I see that.
- 4 Q. It's in various parts, and I only need to trouble you
- 5 with part 3 which is on 4548, where we can see at the
- 6 top of the page, "Part III -- supervision plan of the
- 7 registered contractor"; do you see that?
- A. I see that.
- Q. That's Leighton, the registered contractor? 9
- 10 A. Yes.
- 11 Q. If you look in the box below, we see, three entries up
- 12 from the bottom, "T1 (alternative)" and then your name;
- 13 is that correct?
- 14 A. Correct.
- 15 Q. If you would be good enough, please, to go to
- 16 page 4555 -- this is an annex to the supervision plan,
- 17 as you can see in the top-right -- and again, three
- 18 entries up from the bottom, we see your name and your
- 19 signature; do you see that?
- 20 A. I see that.
- 21 Q. So you would have been asked to sign this document
- 22 presumably, Mr Chan, back in -- sometime in July/August
- 23 2015; do you recall?
- 24 A. It was a long time ago. It was definitely my signature,
- 25 but I can't remember the day when I signed it.

Commission of Inquiry into the Diaphragm Wall and Platform Slab Construction Page 29 Page 31 Q. All right. And you don't remember being shown the whole 1 "Quality control supervisors (RC) and quality 2 2 of this document and having it explained to you or control supervisors (MTRC) will be the quality control 3 3 anything like that; would that be right? supervisors. Quality control supervisors will supervise" -- and I miss out some words -- "the 4 A. It was a long time ago, so I do not remember whether it 4 5 was explained to me, but in any case it was my signature 5 installation of the steel reinforcing bars to the 6 couplers." 6 but I can't remember the date. 7 Q. Right. So you have no recollection of this document 7 Do you see that? 8 8 being translated to you and explained to you? A. Yes, I see it. 9 9 A. Correct. Q. Then if we go to page 4269, the next page, please, under 10 10 Q. If we could then go to the quality supervision plan, for the heading, "Supervision on site works", it says this: 11 which these purposes we need H9, and if you could please 11 "Beside the site supervision system as stipulated in 12 12 the Code of Practice for Site Supervision, the following be shown page 4265. 13 13 Mr Chan, you can see here a document entitled, additional inspection will be carried out." 14 14 "Quality supervision plan on enhanced site supervision Do you see that? 15 and independent audit checking ... for installation of 15 A. Yes, I see it. 16 couplers"; do you see that? 16 Q. Then it says: 17 A. Yes, I see it. 17 "Supervision and inspection by RC on site --18 Q. Is it a document you have seen before? 18 installation works. 19 A. No. 19 Quality control supervisors (registered contractor) 20 Q. Let's see how far I can take this with you, Mr Chan. If 20 will [be] responsible to carry out full-time and 21 you go, please, to page 4267, towards the bottom, you 21 continuous supervision of the splicing assemblies 22 will see it says: 22 on site." 23 23 "The quality supervision is in addition to: Mr Chan, was there full-time and continuous 24 1. The site supervision plan 2009 submitted by the 24 supervision of the installation of the steel reinforcing 25 25 registered contractor ..." bars to the couplers on site in areas C1, C2 and C3? Page 30 Page 32 A. Every day I would conduct inspection and also watch Do you see that? 1 2 2 A. Yes, I see it. their work, yes. So there was. 3 3 Q. Then over the page, at 4268, it says at the top, under Q. All right. So you regard approximately 20 per cent of 4 the "Assignment of quality control supervisors personnel 4 your time spent as fulfilling the requirement of 5 (from MTR [and the registered contractor])": 5 full-time and continuous supervision; is that your 6 "The same technically competent persons (TCPs) 6 position?

- 7 proposed in the site supervision plan of the works, that
- 8 submitted to Buildings Department ... will be
 - responsible for the quality control of the work."
- 10 Do you see that?
- 11 A. Yes, I see it.

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- 12 Q. And as you've seen, you were one of those technically
- 13 competent persons, ie a T1; do you recall?
- 14 A. You mean now, what we are reading out, I'm included
- 15 here -- what you are reading out and I'm included here,
- 16 is that what you are saying?
- 17 Q. What we read out before in the site supervision plan had
- 18 you listed as a T1; yes?
- 19 A. Yes.
- 20 Q. All I'm suggesting to you is this says the same
- 21 technically competent persons -- ie the T5, K4 and you,
- 22 T1 -- are to be responsible for the quality control of
- 23 the coupler work.
- 24 A. Yes.
- Q. It goes on to say:

- 7 A. I said "yes" just now.
- 8 Q. All right. Then it says, at (ii):
 - "Supervision and inspection will be recorded in the
- 10 record sheet (appendix C) ..."
- 11 Sir, I interpose. That's a typo. It should be
- 12 appendix B, which we may or may not look at.
- 13 CHAIRMAN: Okay.

- 14 MR PENNICOTT: "Supervision and inspection will be recorded
- 15 in the record sheet ..."
- 16 Did you record, Mr Chan, your supervision and
- 17 inspection on any record sheet so far as the
- 18 installation of steel reinforcing bars into the couplers
- 19 was concerned?
- 20 A. The sheet you referred to, can I please take a look at
- 21 it? What does it look like? Because I have no
- 22 recollection now.
- 23 Q. I believe, Mr Chan, it is the document at 4277. I'll
- 24 look at it with you, and do my best to try to explain my
- 25 understanding of it.

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that they were not placed in the wrong spot. So, in

that process, you could say that I have checked the

Q. All right. I understand your answer, but let me try to

put the question in a slightly different form.

Page 33 Page 35 A. Yes. 1 We know that the threaded rebar in certain areas 2 Q. All right. You've taken us to this. Is this a form, 2 needed to be screwed into the couplers; do you 3 something similar to this, that you've seen before? 3 understand? 4 4 A. Yes, I understand. 5 CHAIRMAN: Sorry, I don't mean to cut across you. 5 Q. We've had some evidence that when that process takes 6 MR PENNICOTT: Of course. 6 place, it is permitted to have perhaps one or two CHAIRMAN: Do you recall, on a daily basis, actually signing 7 threads showing, even when the bar has been screwed in; 8 some written record to confirm your supervision and 8 do you understand? 9 inspection that day? 9 A. Can you repeat your question, please? Q. I can. You've got a coupler and you're going to screw 10 A. No. 10 11 MR PENNICOTT: All right. Can we just go back to where 11 a piece of threaded rebar into it, or Fang Sheung are; 12 I was. I won't go through that form with you; perhaps 12 do you understand? 13 I will look at it with somebody else, in the light of --13 A. Yes. 14 CHAIRMAN: Sorry, I didn't mean to stop you. I was just --14 Q. We have seen some evidence, and there are documents, MR PENNICOTT: Not at all, sir. I don't think we are really 15 15 that permit perhaps one or two threads to be showing 16 going to get anywhere with that document with this 16 even after the threaded rebar has been screwed in; do 17 witness, but we may with others. 17 you understand? 18 CHAIRMAN: But sometimes you may just have a small notebook 18 A. Yes, I understand, but I have not heard that it's 19 you sign into and then that's translated into a more 19 permitted to leave one or two threads exposed, because 20 formal document later. 20 the MTRCL staff said that if we see threads then we 21 MR PENNICOTT: That's what I'm coming back to now, because 21 should ask the Fang Sheung workers to screw them in as 22 if you go back to (ii) on page 4269, I had read the 22 far as possible. 23 23 words "Supervision and inspection will be recorded in Q. All right. Now, did you concern yourself, you 24 the record sheet", and we are passing on that for the 24 personally concern yourself, on your supervision visits 25 moment. Then it says: 25 and your inspection visits, with whether or not threads Page 34 Page 36 1 were showing? Was that something you were interested 1 "... and write into the inspection logbook by 2 2 quality control supervisors." in? 3 3 A. Yes, yes, I would check that. Mr Chan, did you ever make a record of your 4 supervision and inspection in any form of logbook? 4 Q. You would? Good. But you weren't required by your 5 A. No, I have not done that. As for the engineers, I don't 5 supervisors, your superiors, to make any written record 6 of those inspections? 6 know if they did so. 7 7 A. No, they never asked me to. Q. But you haven't personally? 8 8 Q. Okay. I'll leave others to take that up with you if A. Correct. 9 9 they wish. Q. Then (iii) says: 10 10 Could we then put H9 away. Mr Chan, just on the "Checking includes length of thread and correct process of supervision and inspection, but not by 11 connection of 2 bars with couplers. Criteria are 11 12 provided in appendix D." 12 reference to any of those documents -- we've heard some 13 13 Again, Mr Chan, did you personally involve yourself evidence which suggests that when Fang Sheung had done 14 14 a layer of rebar, an inspection would take place of the in checking the length of the thread that was perhaps 15 15 connections of that rebar. Is that something you agree showing once the rebar had been screwed into the 16 16 17 17 A. When the rebars arrived at the spot where installation A. Are you referring to an inspection by themselves or by 18 18 was to take place, we would send our vehicles to help 19 haul the materials to the site. For every dimensions of 19 Q. By yourself or by the engineers or by MTRC; by somebody. 20 A. Yes. 20 rebar, we have to measure them properly to make sure

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Q. So I'm absolutely clear and there's no ambiguity, we

in the EWL slab; do you understand?

A. Yes, I understand.

know that there are five or six layers of bottom rebar

Q. There are five or six layers at the top of the EWL slab;

Page 37 do you understand?

2 A. I understand.

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- 3 Q. What I'm suggesting to you, my question is directed at
- 4 each -- just focus on the bottom five or six layers. My
- 5 question is directed at whether an inspection took place
- 6 of each layer within the bottom mat of rebar. Is your
- 7 answer yes, that there was such inspection of each
- 8 individual layer?
- 9 A. Yes.
- 10 Q. Could I ask you, please, to be shown the witness
- statement of Mr Kobe Wong of the MTRC, at B1/438.
- 12 CHAIRMAN: Sorry, could I just ask one thing. You said that
- 13 you would stay for a period of time, looking at the work
- of one particular sub-contractor, and then you would
- walk on to some other part of the site; is that right?
- 16 A. Correct.
- 17 CHAIRMAN: And you mentioned that there were other
- supervisors, but you didn't say how many, on site?
- 19 A. Yes
- 20 CHAIRMAN: Were these supervisors doing the same sort of
- 21 work as you?
- 22 A. They were not looking at the things I am looking at.
- 23 MR PENNICOTT: They weren't looking at the things you were
- looking at. What were they doing then? What was
- 25 different? What were they looking at?

1 sub-contractor.

- 2 Q. So how many foremen are there for areas C1, C2 and C3?
- 3 A. Two.
- 4 CHAIRMAN: And would these foremen under your supervision
- 5 have to sign a logbook at the end of each day to show
- 6 what they had done?
- 7 A. No.
- 8 CHAIRMAN: Was there any specific system that you and your
- 9 two foremen employed as to how you moved around the
- site, or was it just done on the basis of what was
- 11 happening, what was important and what was not? In
- other words, it was at your discretion?
- 13 A. We have no records. If I have to instruct my
- subordinates, we would either use the walkie-talkie or
- we would use a phone, and we would arrange work this
- way. There are no records.
- 17 CHAIRMAN: Okay. So you would decide during the course of
- the day who went where?
- 19 A. Yes, you can put it that way.
- 20 CHAIRMAN: All right. And you would be the one directing
- your two foremen where they should conduct their
- 22 supervision?
- 23 A. Yes.
- 24 MR PENNICOTT: Thank you, sir.
- 25 CHAIRMAN: Thank you.

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Page 40

- 1 A. I probably misunderstood your question. What I meant
- was, at the site, I was not the only supervisor. With
- 3 regards to my areas or Fang Sheung or other matters
- 4 within my areas, there would be foremen working under
- 5 me. That was what I meant.
- 6 Q. So you aren't talking about supervisors, if you like, at
- 7 your T1 level; you were talking about foremen working
- 8 for you? Is that right?
- 9 A. Yes, in my areas. I probably misunderstood your
- question. If you are asking about T1, I'm the only one.
- 11 Q. Right.
- 12 A. Is that what you meant?
- 13 Q. What we're driving at, I think, Mr Chan, is just trying
- to get a better understanding of the level of
- supervision in any particular area. Now, you are the
- site supervisor T1, areas C1, C2 and C3, and I think,
- from what you've just said, you were the only site
- supervisor for that area, and there would have been
- other site supervisors in other areas; is that right?
- 20 A. Yes.
- 21 Q. But there would be a number of foremen, part of your
- team, who you would perhaps also rely upon for the
- 23 purposes of watching and supervising the rebar work?
- 24 A. It was one of the things we would supervise, and there
- are other works we work in collaboration with the

- 1 COMMISSIONER HANSFORD: Sorry, just on that, did one of your
- 2 foremen look after rebar work full-time?
- 3 A. Like me, at this bar fixing site, they would stay for
- 4 a while and they would check if the work conducted is
- safe, and they would also check the access, and they
- 6 would walk along or around our work areas.
- 7 COMMISSIONER HANSFORD: Okay, in the same way that you did
- 8 that's what you're telling us?
- 9 A. Yes.
- 10 COMMISSIONER HANSFORD: Thank you.
- 11 MR PENNICOTT: Just to -- I was going to come back to the
- 12 layer-by-layer inspections a bit later, from a different
- angle, but I'm actually going to deal with it now. So
- park Mr Kobe Wong's witness statement for a couple of
- 15 minutes.
- 16 You explained to us, Mr Chan --
- 17 MR SHIEH: Excuse me, there was one small point of
- 18 translation. I think the witness actually said
- 19 "(Chinese spoken)". I wonder whether that can be
- 20 translated, "(Chinese spoken)". It was during the
- 21 course of his answer that is currently translated as
- 22 "they would walk along or around work areas", but my
- 23 suggestion is that he said something to the effect of
- they would continuously patrol and circulate around that
- area. I wonder whether that would be an acceptable form

Page 41 Page 43 1 of translation? A. Correct. 2 I don't know how that sort of thing would be 2 Q. Thank you. 3 resolved, because the Chinese is "(Chinese spoken)", 3 Right, back to Mr Kobe Wong and his witness 4 I remember. 4 statement. That's at B1/417. I understand, Mr Chan, 5 INTERPRETER: The Chinese is ...? 5 that this is a witness statement, Mr Kobe Wong's witness 6 CHAIRMAN: Yes, the Chinese is, as put forward by Mr Shieh? 6 statement, that you have seen and have had interpreted 7 COMMISSIONER HANSFORD: Perhaps Mr Shieh could say the 7 to you, because you make some comments on it in your 8 8 Chinese again. second witness statement. Do you understand? Do you 9 MR SHIEH: (Via interpreter) Kept circulating. 9 remember? 10 (In English) I wonder whether this witness can be 10 A. Yes. I understand and I remember that. 11 ask the same question and then he can re-put his answer, 11 Q. If we could first look, please, at page 438. At 12 12 page 438, Mr Kobe Wong of the MTRC deals with a number perhaps. 13 CHAIRMAN: All right. Did you say earlier that they would 13 of incidents relating to cut threaded rebar. Do you 14 walk around the site and keep circulating? 14 recall, Mr Chan? 15 A. Yes. 15 A. In his statement he mentioned that, and in my 16 CHAIRMAN: All right. Perhaps, if you wish -- they would 16 statement -- then I gave my statement, and that's what 17 walk around the site, they would circulate; would you 17 he said, yes. 18 give them specific instructions as to what in particular 18 O. What he does -- and I want to just look at the first and 19 19 they were to check on at any given time? the third incidents, because this is where he indicates 20 A. Yes. I would say to them, for example, for steel 20 that he spoke to you in relation to those incidents. 21 fixers -- you would have to watch them to see whether 21 Now, the first incident he deals with starting at 22 their work location or site is safe, and whether the 22 paragraph 68 of his witness statement. I'm not going to 23 23 bars are screwed in properly and whether there are loose trouble you by reading all that out, but he says that 24 objects at the site. If there are, they must be cleared 24 the first incident happened in or around August or 25 up, or else, as the fixing works continue, those objects 25 September 2015, and he concludes that that incident was Page 44 Page 42 might stack up." So this is the kind of supervision we 1 most likely to have taken place in area C1-1 or C1-2, 1 2 would provide. 2 and those are areas for which you were responsible, 3 MR PENNICOTT: I was going to go back to the question of the 3 Mr Chan; I think we agree on that? 4 layer-by-layer inspections that we discussed earlier, 4 A. Yes. 5 just a short while ago, Mr Chan. You agree with me that 5 Q. What Mr Wong says at paragraph 70 is: 6 inspections would take place on a layer-by-layer basis. 6 "During this first incident, I noticed one or two 7 Who would actually do those inspections? 7 non-compliant threaded rebars ... on the ground, at 8 A. I often saw engineers on a daily basis, and together 8 a time when there were rebar fixing works in progress in 9 the area." with the MTRC's inspectors they would carry out periodic 9 10 inspections. The time was not fixed. They would carry 10 Then he describes what he saw, and at paragraph 71 11 out inspections of the steel fixing works, and after 11 he says this: 12 that they would look at something else, and I believe at 12 "I immediately contacted Leighton's site supervisor, 13 that time they were doing the layer-by-layer inspection. 13 Mr Chan Chi Yip ..." 14 They would not stay here for long time looking at the 14 Now, I appreciate there's a typo there because 15 fixing works, they would check whether the bars were 15 I don't think your name has a Y in its English spelling. 16 screwed in and then they would move on to another area 16 "... and asked what was the deal with the threaded 17 or another aspect. After the bars are fixed, another 17 rebars. Mr Chan Chi Ip assured me that he would resolve 18 layer might be installed or a third layer might be 18 the problem immediately." 19 installed, and the inspectors would come back after some 19 Mr Chan, do you have any recollection of that 20 time to see whether the third layer is installed. 20 conversation with Mr Wong? 21 21 So this is our approach. A. I don't remember that, because every day I would have 22 Q. Right. That's very helpful. So you actually witnessed 22 phone conversations with Mr Kobe Wong or I would come 23 what you understood to be this layer-by-layer inspection 23 across him on site many times every day. So if you ask 24 process by Leighton's engineers and the MTRC inspector 24 me to confirm the date, I said in my statement 25 of works? 25 I honestly cannot be sure. Definitely he contacted me,

Page 45 Page 47 1 but I couldn't be sure what date it was. 1 MR PENNICOTT: Yes, sir. Let me just finish this point, if 2 Q. Do you remember having a conversation with Mr Wong about 2 I may. 3 3 threaded rebars having been cut? CHAIRMAN: Of course. 4 A. I can't recall that, but in my recollection I heard --4 MR PENNICOTT: I'm halfway through it. 5 5 Mr Kobe Wong did approach me. That is, for the threaded He goes on to say in paragraph 81: 6 bars of Fang Sheung, they could not be screwed in 6 "I also asked Mr Wong ..." 7 completely, and he asked me to contact the supervisors 7 Now, I'm not sure whether he means "Mr Chan", but 8 8 of Fang Sheung to follow up. So I could recall that. I'm going to assume for the moment that's what he means. 9 But honestly, I do not recall the exact date, but I did 9 "I also asked Mr Chan" -- let's assume that's what 10 10 hear about such a case. he means -- "to remain on site and oversee the 11 Q. There are two separate issues here, Mr Chan. There's 11 rectification works." 12 12 a conversation about threaded rebar that had been cut, Do you have any recollection of being on site on 13 on the one hand, and as I understand your evidence 13 15 December 2015 and overseeing some rectification works 14 a conversation about threaded rebar that had not 14 15 15 properly been screwed into the couplers. MR BOULDING: Sir, I wonder why my learned friend is 16 You accept, as I understand it, that you had 16 suggesting that "Mr Wong" is a reference to Mr Chan, 17 a conversation about the second category, that is rebar 17 because if you look at the third incident which starts 18 having not been properly screwed in; is that right? 18 in paragraph 77, one can see that Mr Wong is referred to 19 19 several times, and of course Mr Kobe Wong is coming to 20 Q. But you have no recollection about a conversation 20 give evidence in due course, but it seems to follow, in 21 concerning threaded rebar that had been cut? 21 my submission, that asking Mr Wong to remain on site and 22 A. Correct. 22 oversee the rectification works would be a perfectly 23 Q. All right. 23 normal thing to do. 24 24 MR PENNICOTT: Sir, I hear what my learned friend says. All Then could I ask you, please, to be shown I've got to work with is paragraph 81. The two 25 25 paragraph 77 of Mr Wong's witness statement. Mr Chan, Page 48 Page 46 1 this third incident, as he calls it, is the one that 1 sentences, when read together: 2 2 many of us in this room are familiar with. It's the one "In the late afternoon, I phoned Leighton's Mr Chan 3 3 that gave rise to NCR157. and asked him to deal with the problem. I also 4 My understanding is, Mr Chan, you have no 4 asked ... to remain on site and oversee the 5 recollection or knowledge of being involved with NCR157; 5 rectification works." 6 is that right? 6 I just don't want to miss the opportunity --7 A. Correct. 7 Mr Boulding may well be right, but --8 Q. All right. But, however, Mr Wong, in his witness CHAIRMAN: Just to clarify, I'm happy. 9 MR PENNICOTT: I would ask the general question: Mr Chan, do statement, describes the circumstances in which he says 9 10 this third incident arose, and at paragraph 81 of his 10 you have any recollection of being on site on 11 witness statement he says: 11 15 December, overseeing or watching any remedial works 12 "In the late afternoon" -- and that is of to the rebar? 12 15 December 2015 -- "I phoned Leighton's Mr Chan Chi Ip 13 13 A. I don't remember that. 14 and asked him to deal with the problem." 14 MR PENNICOTT: All right. 15 Pausing there, do you recall having a conversation 15 Sir, I do have a few more questions, but perhaps 16 at around about this time with Mr Wong, when he informed 16 this would be an appropriate moment. 17 you of another problem with threaded rebar having been 17 CHAIRMAN: Good. 15 minutes. Thank you. 18 18 (11.42 am) 19 19 A. I don't remember. (A short adjournment) 20 Q. Do you deny having such a conversation, or is it 20 (12.01 pm)21 a question of you just can't remember? 21 MR PENNICOTT: Mr Chan, could I just begin asking you a few 22 22 A. I don't remember having this conversation. more questions. 23 Q. All right. Back to paragraph 81. 23 A. Of course. 24 CHAIRMAN: I'm just wondering, an opportune moment, when you 24 Q. I would like you, as it were, to spin forward in time to 25 are ready. 25 January 2017.

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- 1 In January 2017, I don't know whether you know this,
- 2 but a Mr Stephen Lumb, who I understand to be head of
- 3 engineering at Leighton -- do you know him?
- 4 A. No, I don't know him.
- 5 Q. He carried out a review and investigation into
- allegations of rebar having been cut. I don't know 6
- 7 whether you are aware of that?
- 8 A. No, I'm not aware of that.
- 9 Q. Can I assume, therefore, that Mr Lumb, during the course
- 10 of his review and investigation, did not interview you?
- 11 A. No, he did not.
- Q. Okay. Could I then ask you, please, to go to your 12
- 13 second witness statement, which is at C32/24057 in the
- 14 Chinese, 24065 in the English.
- 15 If you please could be shown paragraph 20, that's
- 16 certainly 24070 in the English, that's where, Mr Chan,
- 17 you deal with Mr Kobe Wong's statement that we were
- 18 discussing before the break. Do you understand?
- 19 A. Yes, I understand.

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- 20 Q. In paragraph 21 you say:
- 21 "In response to ... Mr Wong's statement regarding
- 22 the five incidents ... I note that", then you say:
- 23 "(a) I do not recall the five alleged incidents;
- 24 (b) I do not recall receiving complaints from Kobe
 - Wong regarding his identification of rebars with

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- shortened threaded ends as I communicated with a lot of people regularly every day".
- 2
- 3 And we've discussed those points already.
- 4 Then you say this:
- 5 "I recall that I received complaints from Kobe Wong
- 6 that he had identified damaged couplers and required me
- 7 to instruct Fang Sheung's workers to undertake
- 8 rectification work."
- 9 Pausing there. Mr Chan, did you yourself witness
- 10 damaged couplers?
- 11 A. No. It was Kobe Wong who told me that there were
- 12 damaged couplers. He asked me to get the person in
- 13 charge of Fang Sheung to rectify it.
- 14 Q. Before you -- and I'm coming to the question of
- 15 rectification in a moment -- took steps to have
- 16 rectification work carried out, did you yourself not go
- 17 and look at and inspect the damaged couplers that
- 18 Mr Wong had advised you of?
- 19 A. When he mentioned this case, now I cannot remember
- 20 whether I went to check. I can't remember. It was too
- 21 long ago.
- 22 Q. So you're not able to help us with the type of damage
- 23 that had been caused to the couplers; is that right?
- 24 A. Correct.
- Q. All right. You say -- as I read just now:

- "... and required me to instruct Fang Sheung's
- 2 workers to undertake rectification work."
 - Mr Chan, I'm slightly puzzled by that, because we
- 4 have heard evidence from certainly Fang Sheung that it
- 5 was not their responsibility to carry out rectification
- 6 works to damaged couplers. Their responsibility was
- 7 simply to fix and install the rebar, and it was for you,
- 8 Leighton, to carry out any required rectification works.
 - Do you agree with that?
- 10 A. I agree.
- 11 Q. So do you agree, therefore, that you would not have
- 12 instructed Fang Sheung to undertake rectification work,
- 13 and that that part of your statement is inaccurate?
- 14 A. When I gave this statement, what I had in mind was to
- 15 ask the person in charge of Fang Sheung to follow up.
- 16 Perhaps I didn't give so much details. What I wanted to 17
- say was to ask the person in charge of Fang Sheung to 18 follow up, in other words to ask them to screw the bars
- 19
- in further, to see if we could then complete the act of
- 20 screwing the bars into the coupler. That's what
- 21 I meant. But it was not as detailed in the witness
- 22 statement as I have just explained to you now.
- 23 CHAIRMAN: Sorry, were you not told the nature of the
- 24 damage? Were you not told the nature of the damage that
 - had been identified and that required rectification?

A. If the supervisor of MTRCL approached me and told me

- 1 2 what the circumstances were, then I would ask the person
- 3 in charge to do it, and if they still could not resolve
- 4 certain problems, they would come back to me again.
- 5 That's what I meant to say, Chairman.
- CHAIRMAN: Sorry, I have a little difficulty with that. Do 6
 - you have any actual memory of what you were told about
- 8 the damage to the couplers?
- 9 A. I thought they told me that the bars could be screwed in
- 10 completely, so they asked me to go back to Fang Sheung
- 11 and ask their people to follow up. So that's what
- 12 I thought it was about, and that's what I said in the
- 13 statement, that I would ask the Fang Sheung people to
- 14 follow up.
- 15 MR PENNICOTT: All right. Then at subparagraph (d), just
- pursuing this a little bit further, Mr Chan, you say 16
- 17 this:

- "I recall instructing the sub-contractors' workers to undertake the rectification work ..."
- 19 20 Pausing there, which sub-contractor or
- 21 sub-contractors are you referring to?
- 22 A. It should be that if we were to ask workers to hack out
- 23 the concrete and expose the couplers, then I would ask
- 24 those responsible for concrete hacking, the workers of
- 25 the sub-contractors to do that, so they could replace

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about the exact location.

A. Yes, probably.

type of rectification taking place?

Q. All right. Did you actually personally witness that

Q. Okay. Again, can I ask you, do you have any

Works at the Hung Hom Station Extension under the Shatin to Central Link Project Page 53 Page 55 1 the couplers. 1 recollection as to how often or how frequent that type 2 2 Q. So not Fang Sheung but somebody who was doing the of rectification work was required? 3 3 concrete breaking works? A. Not often. I'm sure about that. 4 A. Correct. Correct. For concrete hacking, we have 4 Q. Not often. Occasionally? 5 5 A. I can't remember the frequency. I can only say that, as a sub-contractor doing work for us, so it's not 6 I remember, those works were required. Fang Sheung who would do it. 6 7 Q. Right. Indeed you go on to say: 7 Q. Okay. As I understand your evidence, if that type of 8 8 "... including to use an electric concrete breaker rectification work was necessary, it would be the 9 9 engineering team that would take the decision about the to remove the concrete around the damaged couplers and 10 replace them with new couplers." 10 type of rectification work; is that right? 11 A. Our engineers would tell me and I would follow their 11 Mr Chan, do you have a recollection of that type of 12 12 rectification work taking place? instructions. 13 13 Q. Right. Do you know whether any record was kept of where A. Yes, this type of work was carried out, but at which 14 location and when, I can't recall exactly. 14 the dowel bar type of rectification work took place? 15 Q. Do you have any recollection of how often this type of 15 A. I don't, but I did not find out whether the engineers 16 rectification work would have taken place? 16 kept any record. 17 Q. Right. You personally are unaware of any record; is 17 A. If it's just about hacking out the concrete-exposed 18 coupler, there wouldn't be many of such processes. 18 that the position? 19 19 Q. So it would happen occasionally, is that right; is that A. Yes. 20 20 Q. Mr Chan, this is a slight stab in the dark, but could what you are telling us? 21 A. In my recollection, yes. 21 you please be shown C27/20368. If we could first of all 22 Q. All right. 22 focus on the top photograph, the two workers kneeling 23 23 down; do you see that? You say at subparagraph (e): 24 24 "Whenever I received complaints regarding defective Have you seen this photograph before, Mr Chan? 25 25 works, I always instructed the sub-contractor to perform There's no reason why you should have done, but have you Page 56 Page 54 seen it before? 1 the necessary rectification work." 1 2 In that subparagraph, are you limiting your evidence 2 A. No. 3 3 Q. Do you recognise either of the two workers in the to the rebar work or is it a much more general sort of 4 4 photograph? statement that you're making there? 5 A. I was referring to other complaints, so if there were 5 A. I can't see their faces. 6 Q. Okay. If we can focus on the bottom photograph, please. 6 other complaints, I would ask the sub-contractors or our 7 7 Again, it's difficult to see full faces, as it were, but hired workers to do the work. 8 is there anybody you recognise in this photograph? 8 Q. Mr Chan, let me ask you a rather more direct question: 9 9 A. For the person in green from the MTRC, it was Andy Wong. do you have any recollection of rectification works 10 taking place that involved drilling a hole into the 10 Q. So that's the person nearest to the camera? 11 diaphragm wall, perhaps nearby to a coupler, resin 11 A. Correct. 12 having been injected into the drilled hole, and a rebar 12 Q. Anybody else? 13 13 then placed into the hole, sometimes known as a dowel A. They were probably steel fixers. 14 bar? Do you have any recollection of that type of 14 Q. Right. There's nobody you can identify by name, apart 15 rectification work having taken place? 15 from Mr Wong? 16 16 A. In my recollection, yes, there was such work. The A. Correct. 17 MR PENNICOTT: Sir, I have no further questions. 17 engineers told me that, our engineers, that they did it. 18 Thank you very much, Mr Chan. Just wait there; 18 But we would ask the concrete hackers of the 19 sub-contractor to drill the hole and carry out the work. 19 somebody else may have some questions for you. 20 20 WITNESS: I understand. Yes, I remember it was done, but I could not be sure

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MR TO: No questions from China Technology.

MR CHOW: Good morning, Mr Chan.

Cross-examination by MR CHOW

CHAIRMAN: Thank you.

MR CHOW: Mr Chairman, I have a few questions for Mr Chan.

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- A. Good morning.
- 2 Q. I represent the government and I have a few questions
- 3 for you. In fact, a lot of my questions that I intended
- 4 to explore with you have been covered by my learned
- 5 friend Mr Pennicott, counsel acting for the Commission.
- 6 So what I intended to do is just to supplement a few
- 7 more questions in respect of a number of different
- 8 areas.
- 9 A. I understand.
- Q. If it may look a bit disorganised, please forgive me. 10
- 11 The first area I would like to ask is in relation to
- 12 the supervision of the actual installation of the
- 13 couplers by the steel fixers. This morning, you have
- 14 explained to us that, as a site supervisor, you have two
- 15 to three foremen working under you, responsible for the
- 16 inspection or the supervision of the steel fixing work.
- 17 Do you recall that?
- 18 A. They were involved in the work, and for other
- 19 sub-contract works and the site environment, those are
- 20 also within their ambit.

emphasis on that.

- 21 Q. Am I right to say that insofar as you, as a site
- 22 supervisor, and your foremen working under you, you were

Q. And when you carry out your supervision work on site,

am I right to say that your main focus would be on the

standards are about ensuring worker safety on site, so

Q. Other than you yourself and your foremen, was there any

other site supervisor who would monitor or supervise the

normal working hours, that is the overtime work, before

you -- now, I understand from the evidence of Mr So and

supervision team staying behind to monitor the overtime

progress and safety on site, rather than quality?

A. Yes, you can say that. Very often, the Leighton

steel fixing work in your area, C1 to C3?

A. No. We were the only ones in our areas.

safety is very important to us and we place much

Q. Regarding the supervision of works carried out after

also your evidence earlier, if there is any planned

overtime work, then the site supervision team would ensure that there would be someone from the site

- 23 not only looking after the steel fixing work but a lot
- 24 of other works as well; is that correct?
- 25 A. Correct.

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1 at 6 pm sharp?

- 2 A. I would not leave the site at 6 pm sharp. The time we
- 3 leave would depend on whether there were remaining
- 4 workers in our areas. For other teams or other areas,
- 5 I'm not sure whether they would work overtime. I cannot
- 6 guarantee or ensure that there was no single person at
- 7 the site by the time we got off.
- 8 CHAIRMAN: Could I ask this: what would happen if, when
- 9 6 o'clock came, you were aware of three or four men from
- 10 one of the sub-contractors still working? What would
- 11
- 12 A. I would tell them that I did not receive any order for
- 13 overtime work and I ...
- INTERPRETER: The final part was not clear. 14
- 15 CHAIRMAN: So you would tell them that you had not received
- 16 any order for overtime work, and what else would you do,
- 17 if anything?
- 18 A. I would ask why there would still be workers there, and
- 19 for overtime work they would have to inform our
- 20 environmental team and they could only work after they
- 21 make an application.
- 22 CHAIRMAN: All right. So effectively you would tell them
- 23 that they would have to finish their work?
- 24 A. Yes, I would tell them. Now, if their person in charge
 - cannot come up with reasonable notice, then I would ask

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- Page 60 them, "You should talk to your person in charge. If
- 2 there is no such arrangement, you don't need to work
- 3 here."
- 4 MR CHOW: Mr Chan, so these workers staying behind without
- 5 proper authorisation beforehand, has it ever really
- 6 happened before? Have you come across an actual
- 7 situation like that?
- 8 A. For my areas, I honestly could not remember, but I can
- 9 tell you that for the site as a whole, when I walked
- 10 back to my office to finish off, there may be no
- 11 overtime work for my areas, but there could still be
 - people there but I cannot tell you exactly the location
- 13 of those workers.
- 14 So what I'm trying to tell you is this. When
- 15 I finish up work, in my areas, if there's no one
- 16 there -- but there could still be people walking around
- 17 the site. It could happen. That's what I'm trying to
- 18
- 19 Q. The next area I would like to further explore with you
- 20 is in relation to the inspection of the steel fixing
- 21 work by the engineer from the engineering team.
- 22 This morning, you also mentioned that there would be
- 23 engineers carrying out inspection of the coupling works,
- 24
- together with inspectors from MTRC; do you recall that?
- 25 A. Yes, I remember that.

20 A. I remember.

work; do you recall that?

- 21 Q. But on those days when there was no planned overtime
- 22 work, before you get off work, would you have a habit of
- 23 going out to have a look at the area for which you are
- 24 responsible, to make sure that all the workers from the
- 25 sub-contractor have left, or would you just leave site

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- 1 Q. On the basis of your -- now, we know that you yourself
- 2 and members of your team basically work outside the site
- 3 office. You watch the works being carried out by
- 4 various sub-contractors and workers; right?
- 5 A. Correct.
- 6 Q. From your recollection, your colleagues, the engineers
- 7 from the engineering team, would they spend, like you,
- 8 most of the time going around different areas of the
- 9 site, inspecting the quality of the work, or would they
- 10 spend a lot more time inside the site office?
- 11 A. Now, off site, on the site, where there is need, they
- 12 would go out there. As for how long or how much time
- 13 they spend on site and how much time they spend at the
- 14 office, I honestly cannot tell you because I can't do
- 15 the calculation for you, no.
- 16 Q. But are you able to give us an approximate -- do you
- 17 have a general impression as to as compared with your
- 18 team, would your colleague from the engineering team
- 19 spend less time outside the site office? Would you be
- 20 able to give a general impression or an estimate on the
- 21 basis of your general impression?
- 22 A. You are referring to the engineers, how much time they
- 23 spend outside, on the site, approximately?
- 24 Q. Correct.

1

25 A. Very often, after 8.30 or 9 am, we would see the

2 Your answer was:

"I often saw engineers on a daily basis, and

Who would actually do those inspections?"

4 together with the MTRC's inspectors they would carry out

5 periodic inspections. The time was not fixed. They

6 would carry out inspections of the steel fixing works,

7 and after that they would look at something else, and

I believe at that time they were doing the

9 layer-by-layer inspection. They would not stay here for

10 long time looking at the fixing works, they would check

11 whether the bars were screwed in and then they would

12 move on to another area or another aspect. After the

13 bars are fixed, another layer might be installed or

14 a third layer might be installed, and the inspectors

15 would come back after some time to see whether the third

16 layer is installed.

So this is our approach."

18 Do you recall that?

19 A. Yes, I remember.

20 Q. My understanding of your answer is that the engineer

21 doing his inspection of the quality of, for example, the

22 coupling works, they did not stay there and look at how

23 various rebar was screwed into the couplers. They would

24 wait until certain quantity of the threaded rebar had

been screwed into the couplers, then they would come

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back to look at the product. Was that the position?

2 A. Yes, correct. If, during their stay, for that layer of

3 threaded bars, if they haven't completed screwing the

4 bars, they would go and look at something else, and then

5 they would come back again later and see whether all the

6 bars were screwed in, and then they would do a proper

7 inspection on all the couplers, before the second layer

8 of work starts.

9 Q. So am I right to say that on a hypothetical situation,

10 if the threaded part of a reinforcement had been cut

11 short, the engineer would not be able to pick this up

during their inspection? Would you agree with me?

13 A. Well, if it's hypothetical, I honestly don't know how to

14 answer that question.

15 Q. Okay.

12

CHAIRMAN: Well, let me pursue that a little bit, if I may. 16

17 I am a steel fixer. I may not look like it, but

18 I am for the purposes of the next few minutes; all

19 right? I'm in my Leighton's uniform or not -- I'm

20 bare-chested, we'll assume that. It's not a nice sight

21 but there we go.

22 I and the people I'm working with, we have some

23 difficulty screwing in a rebar to a coupler, because we

discover there is some concrete residue and maybe the

coupler is a little bit off-angle. Okay?

engineers out on the site. For my areas, if it's under

2 the charge, also stay there, they would see whether

3 there's anything to check or follow up on, or maybe they

4 have charged with MTR inspectors to check something,

5 then they would come on site. When they have completed

6 what they wanted to do, maybe around 11 am they would go

7 back to the office. Then in the afternoon, maybe after

8 2 or 3 pm, they would come out on site again, and it

9 would be until almost they finish work. So that's the

10 only estimate I could give you.

Q. On the question of whether the reinforcing bar has been 11

12 inspected layer by layer -- do you recall that part of

13 the discussion between you and Mr Pennicott this

14 morning?

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15 A. Yes, I remember.

16 Q. Perhaps it is appropriate for me to remind you of what

17 your answer was. In the transcript at [draft] 18 page 43 -- okay, I understand that that cannot be put on

19 the screen -- can I just read out the transcript of this

20 morning, starting at [draft] page 43, line 4, where the

21 question from Mr Pennicott was:

22 "I was going to go back to the question of the

layer-by-layer inspections that we discussed earlier,

just a short while ago, Mr Chan. You agree with me that inspections would take place on a layer-by-layer basis.

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Page 65 Page 67 A. You are asking me? 1 has raised -- of course, these guidelines are in 2 2 CHAIRMAN: No, I'm telling you at the moment. English, and it appears that Mr Chan is not conversant 3 3 Now, I decide that the best way of dealing with this or not able to read English, and of course it puts him 4 4 problem is to get a cutter and cut the threads of the at a disadvantage. 5 rebar short, so that I don't have to screw in all the 5 I'm not talking about now, I'm talking about at the 6 threads but just maybe one or two threads. That's what 6 time, were these documents in Chinese characters? 7 I decide to do. Okay? You just have to acknowledge 7 MR PENNICOTT: Sir, I thought but I will be correct me if 8 8 this at the moment. I am wrong -- I thought I did ask Mr Chan whether at any 9 A. Yes, I can follow that. 9 time these documents would have been translated to him, 10 CHAIRMAN: So I get a cutter and I cut the thread off one of 10 explained to him. 11 the reinforced steel bars. Then myself and whoever is 11 CHAIRMAN: You probably did and I have a short memory on 12 12 assisting me, we then screw in maybe just the two that. My apologies. 13 threads that are left, to make it look as if it's been 13 MR CHEUK: You did ask. MR PENNICOTT: I think I did ask, but I can't remember what 14 properly put in. Okay? 14 15 A. Yes, I follow that. 15 the answer was. 16 CHAIRMAN: Now, this happens, perhaps, in the middle of the 16 MR CHOW: Neither do I. 17 day, when the engineers are back in the office. 17 COMMISSIONER HANSFORD: But I think the supplemental 18 Thinking about that, do you think that what I have 18 question is: would these documents have been in Chinese 19 19 suggested to you would in fact have been possible, or on site? MR PENNICOTT: Would there have been Chinese versions? 20 are you of the view that you or one of your engineers or 20 21 one of your foremen would definitely have seen that and 21 COMMISSIONER HANSFORD: Yes. 22 stopped it? 22 MR PENNICOTT: That I certainly didn't ask, I confess. 23 23 Remembering how much site you have to cover, Perhaps Mr Chow would like to ask. 24 24 MR CHOW: Yes. remembering that you are walking around, would what 25 25 I have suggested been possible? Mr Chan, before I move on, can I ask you whether Page 66 Page 68 1 there is a Chinese version of the quality supervision 1 A. If we -- when we don't see them, I won't guarantee 2 2 whether this might happen, but if we see it, definitely plan on site, to enable the workers who are not 3 3 conversant in English to be able to know the content of we would stop them, and then we would approach their 4 person in charge, and I would also tell their superiors 4 this document? 5 about this case, definitely. 5 A. I'm not sure. 6 CHAIRMAN: Yes, I appreciate that. This is not in any way 6 Q. On site, have you ever seen documents related to quality 7 7 supervision? a question that is indicating that you weren't doing 8 your job. What I want to find out is do you think it A. No, not at the site. 9 9 would have been possible for me to wait until you had Q. Mr Chan, just now, when I intended to take you to 10 wandered off and maybe there was nobody else there and 10 page 4267, the relevant provisions that I intended to 11 show to you is paragraph 1(a) and (b). Perhaps I will 11 then to have cut the threads and said to my fellow 12 just read it out for the benefit of the Commission, 12 workmen, "Right, let's screw this in before anybody 13 13 comes back"? Would that have been possible? because the question that I'm going to ask would be 14 14 A. I believe it is possible, and there would be such related to that. 15 15 COMMISSIONER HANSFORD: Before you do, can I just check tha people. 16 Mr Chan can read this? Can you read these paragraphs CHAIRMAN: Thank you very much. 16 MR CHOW: Mr Chan, I would like to take you to a document 17 (a) and (b)? You can't? 17 18 which Mr Pennicott has already taken you to. It's the 18 A. I don't know English. 19 MR CHOW: Perhaps it's easier for me to read it out so it 19 quality supervision plan. Bundle H9, starting at 20 20 can be translated. page 4265, please. 21 21 COMMISSIONER HANSFORD: So you need to read it out? Okay. This morning, Mr Pennicott has taken you to some of 22 22 the provisions, and what I'm going to do is to take you Thank you. 23 23 to other provisions that may be relevant. MR CHOW: "Prior to the application of consent, a quality 24 24 Can I ask you to go to page 4267, please. supervision plan under the MTRC and registered CHAIRMAN: Could I ask -- it's a matter that Prof Hansford 25 contractor stream is required to be submitted to BD for

Page 69 Page 71 1 the commencement of the mechanical coupler works. The 1 grade supervisor? 2 2 A. Yes, there was a T3 grade staff from the engineering quality supervision plan should include the following 3 3 details: 4 (a) Assignment of quality control supervisors from 4 CHAIRMAN: All right. So that person was one of the 5 the MTRC and the registered contractor to supervise the 5 engineering team, it was not, obviously, you and nor 6 your two foremen? 6 manufacturing process of the connecting ends of the 7 steel reinforcing bars, and the installation of the A. Correct. 8 8 steel reinforcing bars to the couplers. CHAIRMAN: All right. 9 9 MR CHOW: Thank you, Mr Chairman. (b) The frequency of the quality supervision should 10 10 CHAIRMAN: So would you agree that your job was not related be full supervision by the registered contractor of the 11 and focused absolutely on the quality of the work, but mechanical couplers works, and by MTRC a supervision of 11 12 12 it was more to do -- but it was primarily safety, more than or equal to 20 per cent of the splicing 13 13 cleaning up the rubbish, housekeeping that is, and assemblies. 14 14 The minimum qualification and experience of the making sure the right materials got to the right place 15 15 quality control supervisors are to be the same as grade on site. That is logistics. Those were your primary 16 T3 (TCP), as stipulated in the Code of Practice for Site 16 jobs, in addition to which you had to keep a lookout, 17 Supervision." 17 for example, that the threads were being put in 18 Mr Chan, am I right, without disrespect, at the time 18 properly? 19 A. Chairman, we have to do all the tasks you mentioned, 19 of the construction of the EWL slab, you were proposed 20 20 by Leighton as a grade T1 supervisor? yes. 21 21 CHAIRMAN: All right. A. Yes. 22 Q. As far as I understand, a T3 grade supervisor would be 22 MR CHOW: Mr Chan, I would like to move on to another topic 23 Mr Jason Poon of China Technology has produced a few 23 more qualified and more experienced; am I correct? 24 24 photos to the Commission, and I would like to show you 25 one of them. Bundle D1, page 228, please. 25 Q. So you, at the time of the construction of the EWL slab, Page 72 Page 70 would not be the designated quality control supervisor 1 I would also like to show you another photo at 1 for the purpose of this quality supervision plan; 2 2 page 232. I wonder whether we can put the two photos 3 3 am I correct? side by side. 4 A. Yes. You talked about a T3 grade from the MTRC and 4 CHAIRMAN: I think if one of them has to be at an angle it 5 myself; is that what you meant? 5 doesn't matter. 6 Q. From reading the document, it appears to us that 6 MR CHOW: It doesn't matter then. 7 Leighton, as the main contractor, also has to designate 7 Mr Chan, this morning, Mr Gabriel So has been shown 8 a specific person with an appropriate qualification and 8 these two photos --COMMISSIONER HANSFORD: I think you need to wait until we've 9 9 experience equivalent to a T3 grade TCP, to fulfil the 10 requirement of -- inspection requirement by a quality 10 got the photos on the screen. 11 11 CHAIRMAN: Don't worry if one photograph is the wrong way control supervisor, and you were not that person at the 12 12 time, were you? up. We can still see what we're meant to see. 13 MR CHOW: If there's any problem putting two photos side by 13 A. Did you mean I was equivalent to a T3 grade staff? 14 Q. No, that's not what I meant. Perhaps I can put it 14 side, I'm happy with having one at a time. 15 another way around. Do you know there is a T3 -- or 15 CHAIRMAN: All right. Let's do that. COMMISSIONER HANSFORD: Let's have one at a time. 16 a TCP with a grade T3 qualification and experience 16 17 designated by Leighton to do the inspection or 17 CHAIRMAN: There we go. Well done. 18 supervision of the coupling works? 18 MR CHOW: Thank you. 19 19 CHAIRMAN: Sorry, I've got -- are you aware that there's Mr Chan, these are the two photos which have been 20 20 shown to various witnesses before, so all of us are very a direction that there should be a T3 person, or were 21 21 familiar with these two photos. you at the time aware of the fact that there was in fact 22 22 a T3 person on site working with you? At the bottom of the photos, you can see the time. 23 23 MR CHOW: The latter one, yes. At least it appears that these two photos were taken on 24 CHAIRMAN: Were you aware, when you were working on site as 24 22 September 2015; do you see that? 25 a supervisor, that there was, working with you, a T3 25 A. Yes, I see that.

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- Q. This morning, counsel for MTRC, Mr Boulding, produced
- 2 further document regarding the site diaries, and
- 3 Mr Boulding has established with Mr Gabriel So that as
- 4 at 22 September 2015, the only steel fixing work being
- 5 carried out would be in area C3-1.
- MR PENNICOTT: C1-4. 6
- COMMISSIONER HANSFORD: C1-4.
- 8 MR CHOW: C1, bay 4. Thank you.
- 9 Do you accept that?
- 10 CHAIRMAN: I rather like what Mr Boulding's expression is,
- 11 which is "you can take that from me", because he really
- 12 can't comment on his own memory, and then you can, on
- 13 that premise, advance.
- 14 MR CHOW: All right. Thank you.
- 15 So you can take it from me that on that day, the
- 16 only steel fixing work being carried out on site would
- 17 be in area C1-4. This morning Mr Boulding also showed
- a site diary indicating that there were overtime work 18
- 19 carried out by the steel fixers on that day.
- 20 A. Yes, I see that. I saw the site diary produced this
- 21 morning.
- 22 O. Am I right to say that on that basis, either you
- 23 yourself or your foremen would have stayed behind to
- 24 monitor the steel fixing work after 6 pm?
- 25 A. According to the document we saw this morning, probably,

- 2 A. I believe, for these photos, as the Chairman said in his
- 3 example, it was probably when the foremen were not
- 4 there, then they did something like this, and it's not

that point, would he have reported to you?

- 5 surprising.
- 6 MR CHOW: Mr Chairman, I think this is a convenient moment
- 7 to have the lunch break.
- 8 CHAIRMAN: Yes, certainly. Thank you very much.
- 9 Mr Chan, we are going to have the lunch break now,
- 10 but you're still giving your evidence and you do have to
- 11 return after lunch. We are going to start again at
- 12 2.15; okay?
- 13 I tell everybody this, not just you: because you are
 - in the middle of giving your evidence, you are not
- 15 entitled to discuss your evidence with anybody else.
- 16 Okay? So if people want to go up and say, "How did it
- 17 go, what did you say?", you have to answer that, "Sorry,
- 18 I'm under strict instructions that I cannot discuss my
- 19 evidence in any way until it is completed", and
- 20 hopefully you will complete it this afternoon. Okay?
- 21 WITNESS: Understood. Clear. Thank you.
- 22 CHAIRMAN: Thank you.
- 23 (1.04 pm)
- 24 (The luncheon adjournment)
- 25 (2.16 pm)

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- 1 yes.
- 2 Q. So, by looking at the photos, would you be able to tell
- 3 us who these workers worked for at that time?
- 4 A. Looking at the photos, they seem to be bar fixers.
- Q. If you look at the photo at page 228 -- can we blow up
- 6 this photo, 228, please -- can you tell from the photo
- 7 what was that particular worker doing at the time?
- 8 A. Yes, if you blow it up.
- 9 Q. According to your experience, what was this worker doing
- 10 at the time?
- 11 A. He was cutting the threaded end.
- Q. The threaded part of the rebar; is that right?
- 13 A. Yes, from what I see in the photo.
- 14 Q. So do you know why he did that?
- 15 A. I'm not sure.
- 16 Q. Do you think that would be wrongful?
- 17 A. From the photo, yes.
- Q. Do you think, if you were there or your foremen were 18
- 19 there, they would have stopped this particular worker
- 20 from doing what it appears that he was doing; right?
- 21 A. I would tell him, definitely.
- 22 Q. Do you have any recollection of an incident like that
- 23 happening on that day?
- 24 A. No, I don't remember.
- Q. If it was your foremen who was supervising the work at

- MR CHOW: Good afternoon, Mr Chairman and Professor. 1
- 2 Good afternoon, Mr Chan.
- 3 A. Good afternoon.
- 4 Q. Can I ask you to look at another photo, at bundle C1,
- 5 page 40.
- 6 CHAIRMAN: Sorry, could I just say one thing very, very
- 7 quickly -- it's my habit to do it -- I was having coffee
- 8 with Prof Hansford, and Mr Coleman came by. We asked
- 9 how he was and we had a brief discussion in a public
- 10 area. All right? Just in case that should ever arise.
- 11 It was at our invitation. Nothing of course was said
- 12 about the Inquiry.
- 13 Yes, please continue.
- 14 MR CHOW: Mr Chan -- is the photo available? Yes. Can
- 15 I ask you to look at this photo.
- 16 A. Yes, I see it.
- 17 Q. Have you ever seen this electric cutter on site?
- 18
- 19 Q. Do you know who this cutter belongs to?
- 20 A. I guess it should be Fang Sheung's.
- 21 Q. You mentioned earlier that you have seen this cutter
- 22 before on site. From your recollection, what did
- 23 Fang Sheung, assuming Fang Sheung was the owner -- what
- 24 did Fang Sheung do with this cutter on site?
 - A. When they prepared to fix the bars, and when working on

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CHAIRMAN: I don't think it helps us particularly to know

whether this witness actually went out and actively made

Page 77 Page 79 1 1 the "sifu" bars which are thinner and they need the enquiries about that matter. 2 2 MR CHOW: Very well, Mr Chairman. Then I have no more exact dimension, they would use these cutters to cut 3 questions. Thank you. 3 them to the required length. So that's how the cutters 4 CHAIRMAN: Good. 4 were being used. 5 Q. So that's all that this particular cutter was put to use MR CHOW: Thank you for your patience, Mr Chan. MR CHANG: There is no re-examination. 6 at the time; right? 7 A. Yes, that's what I saw. 7 CHAIRMAN: Good. 8 8 Q. So you have never seen this cutter being used to cut the Thank you very much, Mr Chan. Your evidence is 9 9 completed. You can go now. Thank you for your help. threaded part of a rebar, have you? 10 10 WITNESS: Thank you. Thank you. A. Correct. 11 Q. Now I would like to move on to the last subject matter, 11 (The witness was released) 12 MR SHIEH: The next witness is Mr Joe Tam. 12 which is about the several incidents of bar cutting 13 For the Commission's information, if one wants to 13 between September and December of 2015. 14 look at the relevant organisation chart, it can be found 14 Your evidence earlier was that you have no 15 in bundle C7, page 5535. That is the organisation chart 15 recollection of any of those incidents; do you recall 16 16 that? as of 14 May 2015. If the Commission wants to look for 17 Mr Tam -- if one takes Mr Plummer as the midway point, 17 A. Yes, that's what I said in the witness statement. 18 Q. How about as of today: do you have any recollection of 18 he is somewhere to the right of Mr Plummer, and between 19 Mr Rawsthorne and Ms Emily Pin, if you move down, you 19 having been informed of any of these incidents that 20 20 will see Mr Joe Tam. happened back in 2015? 21 A. You showed me the photo and you blew it up, and there 21 At the next page, C7/5536 --COMMISSIONER HANSFORD: Sorry, just before you -- can we go 22 was the cutting of the threads, and I saw that photo. 22 23 back, please. With Mr Joe Tam reporting to? 23 Q. Mr Chan, back in 2015 and 2016, was there anyone who 24 24 Mr Rawsthorne. Thank you. requested you to tighten your control of supervision of 25 MR SHIEH: If we move to the next page, 5536, this time he 25 the steel fixing work on site? Page 78 Page 80 is actually -- if we take Mr Plummer as the midpoint, 1 A. I can't remember. 1 2 2 Q. How about asking you to watch out for unauthorised move down, we see Mr Rawsthorne and Ms Emily Pin, and if 3 3 we move to the right, further down to the right, we can cutting of the threaded part of rebar on site? Have you 4 received such request back in 2015 or early 2016? 4 also see Mr Joe Tam. 5 A. I can't remember. It was too long ago. That places Mr Tam on --6 Q. Mr Chan, obviously, at the time when you prepared your 6 MR PENNICOTT: That's the December one, is it? witness statements, you would have been informed of all 7 7 MR SHIEH: Yes. I've shown May 2015 and then December 2015 8 COMMISSIONER HANSFORD: Okay. these incidents; right? 9 9 MR SHIEH: Mr Tam --A. I learned from the media what happened, when I prepared 10 10 WITNESS: Yes. the witness statement. Q. You would agree with me that cutting of the threaded end 11 11 MR SHIEH: -- welcome and good afternoon. 12 MR TAM CHI MING, JOE (affirmed in Punti) 12 of a bar would be a very serious non-conformance; do you 13 (All answers given via simultaneous interpreter 13 agree? 14 14 A. Agree. except where otherwise specified) 15 Q. Having learned about this, have you made any enquiry 15 Examination-in-chief by MR SHIEH Q. Thank you, Mr Tam. Can you look at bundle C27, 16 with your colleagues in the engineering team as to why 16 17 the site supervision team was not notified at the time? 17 page 20611. 18 18 CHAIRMAN: Sorry, notified of ...? 19 MR CHOW: Of the bar cutting incidents. 19 Q. 20611 is the front page of your first witness statement. MR CHANG: It might be useful if the witness can be directed 20 20 Do you see that, Mr Tam? 21 at which time frame. Maybe if it was put to him as to 21 A. Yes, I see that. 22 Q. Then can you turn to page 20615. Can you see, above whether he made any enquiry, because there is no 2.2. 23 23 specific time frame highlighted in the question. your name, there appears to be a signature?

24

A. Yes.

Q. That is your signature; correct?

Commission of Inquiry into the Diaphragm Wall and Platform Slab Construction Page 81 Page 83 A. Yes. 1 Q. 2016? 2 Q. Can we now turn to bundle C34, page 25592. This is your 2 A. Yes. 3 second witness statement; correct? 3 Q. Because you say in your witness statement, at 4 4 paragraph 4, that you worked on the EWL slab and the NSL 5 5 Q. And you signed it at page 25593; do you see that? slab from April 2016 to July 2017. So you are now telling us that it was the end of April 2016 that you 6 A. Correct. 6 7 Q. Mr Tam, do you put forward the content of these two 7 switched; is that correct? 8 8 witness statements as your evidence in this Commission A. Yes. 9 9 Q. So, for one of the critical periods that we are of Inquiry? 10 10 A. Yes. interested in in the Inquiry, Mr Tam, that is from 11 Q. Thank you. Please remain seated. Lawyers for other 11 approximately August 2015 to December 2015, for that 12 parties will be asking you some questions and then 12 period, five-month period, you would not have been 13 involved with area B or area C; you would have still 13 the Commissioner and the Chairman may also have 14 questions for you. Do you understand? 14 been responsible for the SAT and the NAT, at that time, A. Understood. 15 during that period? 15 16 Q. Then, after all that, I may have some follow-up 16 A. Yes. Yes. 17 17 Q. Then, so far as the EWL and NSL slabs are concerned, you questions for you. 18 A. Understood. 18 were the construction manager for those areas up to July 19 2017? 19 Q. Can I remind you, when you give your answers, please 20 speak up and into the microphone, because we are 20 A. Yes. 21 recording everything into a written transcript, and 21 Q. Then I think you say you were transferred off to another 22 simply nodding or making a gesture will not be captured 22 23 23 A. Yes. by the transcript, so you have to speak out in words. 24 24 Q. Okay. Now, could I ask you, please, to look at Understand? 25 A. Understood. 25 paragraph 11 of your witness statement. Page 82 Page 84 MR SHIEH: Thank you. Please remain seated while you are 1 A. Yes. 1 2 questioned by other parties.

3 WITNESS: Yes, thank you. 4 Examination by MR PENNICOTT 5 MR PENNICOTT: Good afternoon, Mr Tam. 6 A. Good afternoon. 7 Q. My name is Pennicott, I'm one of the counsel to the 8 Commission, and I'll be asking you some questions first 9 and then others may follow, as Mr Shieh has just 10 explained. Thank you very much for coming to give 11 evidence this afternoon to the Commission. 12 Mr Tam, may I first of all just make sure 13 I understand the areas for which you were responsible at 14 each of the time periods that I'm interested in.

First of all, throughout your involvement with this

project, I understand that you were a construction

Q. You started work on the project on 5 January 2015?

Q. As I understand it, from 5 January 2015 to March 2016,

you were the construction manager responsible for the

South Approach Tunnel and the North Approach Tunnel; is

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manager?

that correct?

A. It should be the end of April.

A. Yes.

20 A. Yes.

Q. Where you say, under the heading "Allegations that the

3 threaded ends were cut off rebars":

"I learnt subsequently from reviewing an email dated

5 7 April 2016 ... of one occasion on 15 December 2015

6 when rebars with the threaded ends cut off were

identified in area C of the EWL slab."

8 Then you make reference to a non-conformance report.

Do you see that, Mr Tam?

10 A. Yes, I see it.

11 Q. You, as I understand it, from what we've just discussed,

had no personal knowledge or involvement with that NCR

which we know was dated in December 2015? 13

14 A. Yes.

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15 Q. You only came to hear about it during a process, as

16 I understand it, of a review that was carried out into

17 NCRs that had not been closed out; is that right?

18 A. Yes.

19 Q. Okay. In that case, I don't need to take you to the

email which explains all of that.

21 But can I ask you this general question: presumably,

22 you are familiar with Leighton's non-conformance report

process, in general terms?

24 A. I am aware of a little bit of it.

Q. And is it correct that when a non-conformance report is

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- 1 issued, there is a process by which Leighton requires it
- 2 to be closed out and finished; is that right?
- 3 A. Yes. Yes. We need to close the file after the matter
- 4 has been concluded.
- 5 Q. Yes. Who would normally be the person ultimately
- 6 responsible for closing out an NCR, or would it depend
- 7 upon who issued the NCR in the first place?
- 8 A. I think it depends on who was responsible for the work
- 9 or who is responsible for the area in question. So it's
- 10 not whoever issued the report would have to close out
- the report. That's not the case. 11
- 12 Q. Right. It's the person who is ultimately responsible
- 13 for the area in which the non-conformance -- to which
- 14 the non-conformance report relates?
- 15 A. Yes. Typically, that is the case.
- 16 Q. Thank you very much.
- 17 Could I then ask you, please, to look at
- 18 paragraphs 14 through to 18 of your witness statement,
- 19 where you are dealing with, as we can see from the
- 20 heading above paragraph 14, "Allegations by Joe Cheung
- 21 of Fang Sheung"; do you see that, Mr Tam?
- 22 A. Yes, I see it.
- 23 Q. You say:

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- 24 "I have been told that in the course of the MTRC
- 25 interview, part of its investigation into these matters,

- 1 thread and there's a bend, because the thread is longer,
- 2 the coupler could be inserted all the way
- 3 (demonstrating) and it can prevent the bend from moving.
- 4 So you don't have to move the bar; you can just
- 5 tighten the coupler and finish the work. So that is the
- 6 difference between the long thread and the short thread.
- 7 Do you follow my description?
- 8 Q. I think so. You're talking about the hook at, as it
- 9 were, the other end of the bar?
- 10 A. (In English) That other -- yeah, other end of the bar,
- 11 it's not talking about the thread.
- 12 Q. So the length of the thread may affect where that hook,
- 13 and the amount you screw it into the coupler may affect
- 14 where that hook ends up; is that the point?
- 15 CHAIRMAN: No, I think isn't it --
- 16 A. No.
- 17 CHAIRMAN: -- when you turn it, the hook at the end may hit
- 18 against something, and then you can't turn?
- 19
- 20 CHAIRMAN: So instead of Mohammed coming to the mountain,
- 21 it's the other way around, and then you have a situation
- 22 where: don't turn the bar, turn the coupler?
- 23 A. (In English) Yes. Exactly right.
- 24 COMMISSIONER HANSFORD: I don't follow that. I do
- 25 understand, Mr Tam, how type B couplers work. I do

thread of a type B bar and you don't have to then move

that type B bar. But I don't understand how it would

Can you just explain it again, just go through it

again for me. That would be helpful. Just use your

fingers again and explain to me how it really works.

A. The actual operation, it's not saying why I have to use

thread prevents the bend from moving. I'm not saying

that in that case we have to use a long or a short bar,

a long or short bar. I'm just explaining the longer

work in the situation you're talking about.

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understand about how you move the coupler onto the long

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- 1 Joe Cheung made comments which suggested that
- 2 Fang Sheung had cut part of the threaded ends off rebars
- 3 with longer threaded ends to fit them into couplers that 4 were designed for rebars with shorter threaded ends.
- 5 Joe Cheung never made any such comments or
 - allegations to me during our regular communication in
- 7 the course of carrying out the project.
 - Both the rebars with the longer threaded ends and
- 9 shorter threaded ends are the same diameter and can both
- 10 be screwed into the same type of couplers. The only
- 11 difference is that the threaded section is longer to
- 12 prevent the hook at the end of the rebar from hitting
- 13 the adjacent rebar when the latter rebar was being
- 14 screwed into the coupler."
- 17 quite follow it:
- 18 "... the threaded section is longer to prevent the
- 19 hook at the end of the rebar from hitting the adjacent
- 20 rebar ..."
- 21 Can you explain that, please?
- 22 A. Yes, I can do so. For example, let's say we have
- 23 a coupler here (demonstrating with fingers) and this is
- 24 a normal bar. When you screw it in (demonstrating), the 25 end also turns, but if we have the ones with a longer

- Now, Mr Tam, first of all, can you just explain what you mean by that last sentence? I'm afraid I just don't
- COMMISSIONER HANSFORD: I do, but I think it depends where 14 15

a type A or type B coupler.

- the coupling is made. Maybe I'll just hold that thought
- 16 and see if it comes up later. It's not straightforward.
- 17 MR PENNICOTT: No. I think I understand the point but we'll
- 18 have another look at it, Mr Tam, if we need to.

Do you follow my description?

- 19 COMMISSIONER HANSFORD: Okay.
- 20 MR PENNICOTT: However, I want to go on to paragraph 17 of
- 21 your witness statement --
- 22 A. Yes.
- 23 Q. -- which raises what might be regarded as a new sort of
- 24 point. You say this:
- 25 "If a rebar with longer threaded ends was screwed

Page 89 Page 91 1 MR PENNICOTT: The collar is identical, sir. 1 into a coupler, the only issue is that it would have 2 COMMISSIONER HANSFORD: But I think in your question you a more of the threaded end exposed out of the coupler." 3 3 We understand that. 4 MR PENNICOTT: Sorry, I said type A. It should be type A or 4 "This would make it look like it was not properly 5 screwed into the couplers. However", you say, "in that 5 type B coupler. COMMISSIONER HANSFORD: In fact they are the same thing? 6 situation, the sub-contractor could simply notify 7 Leighton that it was using a rebar with longer threaded MR PENNICOTT: Yes, they are the same thing. 8 8 COMMISSIONER HANSFORD: Now I understand. ends, so that Leighton knew more of the threads would 9 9 MR PENNICOTT: Of course, if it was -- that's right. You've stick out of the coupler when it was fully connected." 10 10 I guess the question on that, Mr Tam, is this. understood. Would Leighton, and perhaps more importantly the MTRC, 11 11 COMMISSIONER HANSFORD: I have understood. MR PENNICOTT: So, Mr Tam, that is your answer, as 12 have allowed the sub-contractor to get away with what 12 13 I understand it, to Mr Cheung's scenario about cutting 13 you describe in your paragraph 17? 14 the type B threaded rebar, that you could have just used 14 A. Let me explain paragraph 17. The purpose of writing 15 15 that is to explain the differences between type A/type B the type B and had a greater length of thread showing, 16 couplers. Since we have type B, it has a longer thread, 16 provided that was something that was communicated to 17 that means when you finish the work, actually you will 17 Leighton? 18 still have threads being exposed. So that is 18 A. Yes. 19 Q. All right. 19 acceptable, essentially, because once it's connected, 20 it's connected. Whether there's a hook at the end, it's 20 Could I ask you this question, please, Mr Tam. 21 21 Could you please be shown an email at C12/7923. still connected. 22 22 Do you see that email, Mr Tam? Do you follow my ... 23 A. Yes, I see it. 23 Q. I follow you, but I don't quite understand what you mean 24 24 Q. You refer to it in your witness statement. It's by paragraph 17. You are addressing Mr Joe Cheung's 25 an email that we've looked at a number of times over the 25 scenario where a type B thread is shortened, essentially Page 90 Page 92 1 to convert it into a type A thread. That's the scenario 1 last few weeks, sent by Mr Poon of China Technology to 2 2 you're addressing? Mr Zervaas and copied to you? 3 A. (In English) Yes. 3 A. Yes. 4 (Via interpreter) Yes. 4 Q. Indeed, it says copied to you, but in fact it starts, 5 Q. What you seem to be saying is that it would be 5 "Dear Joe"; do you see that? 6 permissible not to cut the type B thread but to use the 6 A. Yes, I see it. 7 type B threaded rebar into a type A coupler, which 7 Q. The only question I really want to ask you about, 8 necessarily would mean you had quite a large amount of 8 Mr Tam, is: how come you got involved in this? What's 9 thread showing, and that that would have been acceptable 9 the background to your involvement in this email? Why 10 to Leighton, had they been told by Fang Sheung that it 10 would Mr Poon be sending it to you, or at least copying 11 would have been done -- that had been done. Is that 11 it to you? 12 what you're saying to us? 12 A. As you said, I started working on HUH at the end of 13 A. Yes. 13 April 2016, and after that I got more contact with 14 Q. And do you think that would have been acceptable to the 14 Mr Poon. So, because of this, he would cc me on this MTRC? 15 15 email, mainly because of this. Is there any other 16 A. Yes. 16 reason? I don't know. 17 O. Right. 17 Q. Were you having a significant amount of contact with 18 COMMISSIONER HANSFORD: Sorry, Mr Pennicott, the reason I'm 18 Mr Poon, Mr Tam, in the lead-up to this email? 19 looking quizzically at you, which I know the transcript 19 A. Yes. Yes. 20 can't pick up, is I'm very clear about what's the 20 Q. Were you involved in the commercial negotiations that 21 difference between a type A bar and a type B bar, but 21 preceded this email, back in December? 22 I'm not clear about the difference between a type A 22 A. No. 23 coupler and a type B coupler, because in my 23 Q. What was the nature of your involvement -- discussion 24 understanding, the actual coupler part, the collar, is 24 with Mr Poon in, let's say, the last quarter of 2016? 25 identical. A. Progress of works, manpower, and I had to assess the

Page 93 Page 95 1 payment sometimes. So he asked me about the progress of 1 2 2 the payment too. "I would talk to Jason Poon every day or every two 3 Q. Okay. So that would explain, at least in part, why you 3 days." 4 were copied in on this email? 4 Do you talk to him on the phone, in person, or how 5 5 A. Yes, perhaps so. do you communicate with him? 6 Q. But, as I understand it, what you say is that having 6 A. Well, different channels: by phone, face to face, and 7 seen, no doubt, this email, you left it to Mr Zervaas to 7 WhatsApp. 8 follow it up? 8 Q. In terms of WhatsApp, telephone or face to face, how 9 A. Yes. 9 often is face to face? 10 Q. And you had no subsequent involvement in any further 10 A. I don't know how to quantify how often. 11 commercial discussions with Mr Poon? 11 O. On site? 12 A. Yes. 12 A. Yes. Sometimes on site, sometimes in the office. 13 MR PENNICOTT: Sir, I have no further questions. I don't 13 Q. Okay. Another question, on paragraph 21. In your 14 know if anyone else does. 14 statement -- I will just read it out to you, Mr Tam: 15 CHAIRMAN: Good. Thank you very much. 15 "I recall Stephen Lumb (head of engineering) and his 16 The next -- has there been an agreed order? 16 team coming to site to conduct an investigation, but 17 MR TO: Chairman and Commissioner, I just have a few 17 I do not recall the results." 18 questions to ask, if that's okay. 18 I am going to ask you two questions. Have you seen 19 CHAIRMAN: Certainly. 19 Mr Stephen Lumb's two reports? If you haven't, I can 20 20 Cross-examination by MR TO show them to you. 21 MR TO: Mr Tam, I represent China Technology. My name is 21 A. No, I haven't seen those reports. 22 Christopher To. 22 Q. I will not show you the reports then. 23 23 Can I take you to your witness statement, C20611. The second question is: were you involved in any way 24 or form in terms of the investigations leading to these In particular, Mr Tam, can I take you to paragraph 7. 24 25 Mr Tam, one of your duties is to walk around the 25 reports? Page 94 Page 96 site with MTRC colleagues. Were there any other 1 A. No. 1 2 COMMISSIONER HANSFORD: Sorry, Mr To, I'm a little bit 2 sub-contractors walking around at the same time? 3 confused. The transcript says, "Have you seen these 3 A. What do you mean -- what site walks are you talking 4 about? Are you talking about site walk together with 4 reports? If not, I can show them to you", and he said, 5 Aidan or who? I'm not very clear about your question. 5 "No", and you said, "In that case I will not show them 6 Q. If you look at paragraph 7, Mr Tam, you have site walks 6 to you." MR TO: Okay. Maybe I will rephrase the question, 7 on Mondays and Thursdays. 8 8 Mr Commissioner. Thank you. A. Yes, correct. 9 9 COMMISSIONER HANSFORD: Or have I misunderstood what you Q. So on Mondays or Thursdays, do you walk with Mr Aidan 10 Rooney plus other sub-contractors, or you just walk with 10 said? 11 MR TO: I was going to show him the reports, but I was going 11 Mr Aidan Rooney alone? 12 to ask him whether he has actually seen the reports. 12 A. It depends. Sometimes, Aidan would ask for designated 13 COMMISSIONER HANSFORD: Right. I'll leave it to you. I was 13 sub-contractors to join in the site walks. As for 14 TM Lee's walks, very often the E&M sub-contractors would 14 just confused by the transcript. 15 join the walk. If my memory serves me right, no civil 15 MR TO: Mr Tam, have you seen Mr Stephen Lumb's reports, two 16 16 sub-contractors will join TM Lee's walk. reports? 17 Q. In terms of Jason Poon, did he walk on Mondays? 17 A. No. 18 A. Yes, he did appear. He did appear. 18 Q. Thank you. 19 19 Q. Often or a few times? My last question, Mr Tam, is -- there's a document 20 called non-conformance reports. Are you familiar with 20 A. In the initial stage, when I first joined, that is April 21 21 those, NCRs? 2016, he appeared more often, but after that he did 22 A. I know of such kind of report. 22 not -- he was not there. But was he there every time or 23 23 how many times did he actually appear? I cannot recall. Q. In your time during -- in the construction site of this 24 24 Q. I understand. Can I move you to paragraph 9 of your project, how many NCRs have been issued?

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A. No, no calculations made.

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witness statement, Mr Tam. The first line, Mr Tam, it

Page 99 Page 97 Q. Are you familiar with 157, NCR157? 1 on other occasions? Are you talking about the latter? 2 A. I heard about it a lot recently. 2 Q. Let's talk about these site walks first. 3 Q. Have you seen the report yourself? A. Okay. Sometimes, we would have people from Fang Sheung 4 A. Recently, I have seen it. 4 and also China Technology. 5 Q. But not after it was released, in December? 5 Q. Thank you. 6 A. Yes. 6 Then, in paragraph 7, you also talked about some 7 Q. Did you see it in December? 7 occasional non-scheduled inspection site walks with MTR COMMISSIONER HANSFORD: Sorry, which December are we -8 inspectors. Can you tell us more about these MR TO: December 2015. non-scheduled site walks? 10 A. As I said earlier, it was issued in December 2015. It 10 A. I think the occasional non-scheduled walk means it 11 was not under my portfolio so I didn't read it. But 11 wasn't on a regular schedule. Sometimes we might have 12 12 recently, because we have been retrieving a lot of some urgent matters and we would go out together to see 13 records, so I've come across it and saw it. 13 how we should arrange the works or how we should arrange 14 Q. "Recently" means October/November of this year? 14 the priority of the works, and so on. A. Yes, this year. 15 15 Q. So those were sort of ad hoc site walks, to deal with 16 MR TO: Okay. Mr Tam, thank you very much. 16 particular problems which arose at a particular point in 17 Cross-examination by MR KHAW 17 time; is that right? 18 MR KHAW: Mr Tam, I'm acting for the government and I have 18 A. Yes, you can put it that way. 19 a few questions for you. 19 Q. So, again, in relation to these ad hoc site walks, apart 20 Earlier on, in response to Mr Pennicott's question, 20 from you yourself, were you accompanied by other people from Leighton to attend these ad hoc site walks? 21 you told us that you started to work in respect of the 21 22 EWL slab and NSL slab from April 2016. Do you remember 22 A. Well, I think it would depend on the circumstances. If 23 that? 23 the problem could be resolved or if I knew the context, 24 A. Yes, end of April. 24 then I could deal with it myself, but if I need Q. So you took over the work from Mr Gary Chow; is that 25 colleagues' assistance I would invite other colleagues. Page 98 Page 100 correct? 1 1 So there is no set way. I cannot say "yes" or "no" 2 A. Yes. 2 either way. 3 3 Q. If I can take you to have a look at your witness Q. Were you ever, in any of these site walks, whether 4 statement, paragraph 7. Again, I would like to know 4 scheduled or non-scheduled, aware of any difficulties in 5 more about the site walks that you mentioned there. 5 the coupling works? 6 You talk about the site walks carried out by you and A. No, I was not. 6 7 7 sometimes with Mr Aidan Rooney, with Mr TM Lee, Q. Thank you. 8 8 et cetera. I understand that since you are an engineer, you 9 9 First of all, I would like to know, in respect of worked for the construction engineering team of 10 each of these site walks, apart from you yourself, who 10 Leighton? 11 else from Leighton took part in these site walks. 11 A. Yes. 12 A. Ian, PD, and sometimes OM, and I'm one of the 12 Q. We tried to understand the difference between inspection 13 13 construction managers and there would be other and supervision carried out by different teams, 14 colleagues, and they would also take part. 14 yesterday and also today. You confirm that supervision 15 15 work in general was carried out by the site supervision Q. Sorry, what is an OM? 16 A. (In English) Operations. 16 team, not your team; is that correct? 17 17 Q. Oh, operations manager. Thank you. A. Yes. Q. So your team would be responsible for inspection after 18 What did these site walks cover? What did you do, 18 19 in general, during these site walks? 19 certain works were done at certain hold points; would 20 A. We would inspect the progress, we would see if there 20 that be correct? 21 were any difficulties that were encountered, and 21 A. Yes. 22 sometimes we would look into solutions to the problems 22 Q. As a construction manager, just as a matter of common 23 23 sense, I would take it that your main duty was to ensure and also look into the work arrangements. 24 Q. Did you ever attend any site walk with Fang Sheung? 24 that all construction and installation activities were A. Are you referring to this particular walk or other walks 25 carried out in accordance with the required

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- 1 specifications and plans?
- 2 A. Yes.
- 3 Q. And the other main duty of your job was to identify any
- 4 defects or problems that could be found on site; would
- 5 you agree?
- A. I don't understand "difficulty". When you say 6
- 7 "defects", what do you mean?
- 8 O. Maybe we can just focus on defects.
- 9 A. I don't understand what you mean by "defects" -- "to
- 10 identify defects"?
- Q. Fair enough. Just in general, one of your main job 11
- activities was to identify whether there were any 12
- 13 defects that would be found on site; is that correct?
- 14 Through the inspection process.
- 15 A. I'm sorry, I still don't fully comprehend your question.
- 16 Are you saying am I responsible for all defects, or
- 17 during my inspection, if I see defects, I have to raise
- 18 these? Are you talking about the latter?
- 19 Q. Yes. As a construction engineer, you would be
- 20 responsible --
- 21 A. Yes.

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- 22 Q. -- for carrying out inspection of the construction
- 23 works; do you agree?
- 24 A. I'm not responsible for all. I'm sorry, I'm a bit
 - confused.

1 A. Well, I think before it was issued or during the time

- 2 that it was going to be issued, we would be notified,
- 3 under normal circumstances.
- 4 Q. May I ask whether, at the time when you were working in
- 5 respect of the EWL slab and NSL slab, ie from April 2016
- 6 to July 2017, during that period were you aware of the
- 7 requirements under the QSP?
- 8 A. I'm not familiar.
- 9 Q. Did anyone ever mention QSP to you?
- 10 A. I have no recollection.
- Q. Shall we take a look? It's H9/4249. If we can take 11
- 12 a look at 4269.

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- 13 This is one part of the QSP in relation to the
 - installation of couplers. You can see from paragraph 5
- 15 that this is a heading in relation to "Supervision on
- 16 site works", and paragraph 1 deals with "Supervision and
- 17 inspection by RC [ie Leighton] on site -- installation
- 18 works", and then paragraph 2 deals with "Supervision and
- 19 inspection by MTRC on site -- installation works", and
- 20 you can see from paragraph 1(i) that there's
- 21 a requirement that quality control supervisors will be
- 22 responsible to carry out full-time and continuous
- 23 supervision of the splicing assemblies on site.
- 24 Were you ever referred to this particular document?
 - A. I don't know.

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- Q. I understand that you would not be responsible for
- 1 2 everything. I totally understand that. You would be
- 3 working with your team members -- you would be working
- 4 as a team to do the inspection. That I perfectly
- 5 understand. I'm not saying that all responsibilities
- 6 fall on you yourself.
- 7 A. Okay. I understand.
- 8 Q. So, when your team --
- 9 A. Yes.
- 10 Q. -- was trying to discharge did its duties, one of the
- 11 main responsibilities of your team was to identify
- 12 whether there were any defects in the construction works
- 13 or activities; would you agree?
- 14 A. Yes.
- 15 Q. If there were defects found or if there were what we
- 16 call non-conformance issues, then would your team be
- 17 responsible for mapping out rectification works that
- 18 would be required?
- 19 A. Yes.
- 20 Q. Am I correct in saying that whenever there was an NCR
- 21 which would need to be issued, presumably your team
- 22 would be notified of that NCR?
- 23 A. Yes.
- 24 Q. Your team would normally be notified of an NCR when it
- 25 was issued; is that right?

- Q. Thank you.
- CHAIRMAN: Sorry, what is a splicing assembly?
- 3 A. It's like coupling (demonstrating).
- 4 CHAIRMAN: Thank you.
- 5 MR KHAW: Were you aware of any guidelines or notes which
- 6 were issued to engineers or your team members in
- 7 relation to the requirements for supervision and
- 8 inspection in relation to coupler installation?
- 9 A. Not clear.
- 10 Q. Were you aware of any record sheet, or any kind of
- 11 record, which would record the inspection work in
- 12 relation to coupling works?
- 13 A. (Chinese spoken).
- 14 Q. Sorry?
- 15 A. When we inspect the rebars, we will also take a look at
- 16 the couplers as well. So would that be considered as
- 17 a record, as you referred to?
- 18 CHAIRMAN: No. I think a record means, having conducted
- 19 an inspection, do you write that down somewhere, so that
- 20 you and others have a record of what has been done?
- 21 A. Can you repeat the question, please?
- 22 CHAIRMAN: Having conducted an inspection, was there
- 23 somewhere where you were meant to write down that you
- 24 had done so, put it into a book or a logbook?
- A. Not clear.

Page 105 Page 107 1 CHAIRMAN: Sorry, do you mean you don't understand the 1 A. No. 2 2 Q. So are you telling us that, as a construction manager, question or you're not clear whether there was in fact 3 3 a book? you can't even tell us approximately what was the 4 A. I don't understand what you mean by a logbook. We have 4 percentage of the couplers which would be checked by 5 an inspection form for inspecting the rebars. We have 5 your team; is that your evidence? 6 pre-pour check and post-pour check and these are all 6 A. I can't give you a definite percentage, but I can put it 7 part of the records. 7 this way. The team members spent a lot of time doing 8 8 As for the couplers in particular, I have to check inspections on the site, but as to the exact percentage 9 into whether there is a particular logbook for the 9 of the couplers having been inspected, then I don't 10 10 couplers. I have to check. know. CHAIRMAN: No, fine. That answers the question. Thank you 11 CHAIRMAN: Sorry, were you ever aware of directions that you 11 12 MR KHAW: Mr Tam, I presume that you yourself had actually 12 should inspect a certain percentage of any of the 13 taken part in the inspection process of the installation 13 matters relevant to the construction, for example 14 14 of couplers; is that correct? a certain percentage of couplers or a certain percentage 15 15 A. Do you mean formal inspection or general inspection? of bend bars or whatever else may have been necessary to 16 Q. So you mean there was in fact a general inspection and 16 check? 17 a formal inspection? 17 A. No. No. I can't recall. 18 A. You talked about the inspection of the MTRC, but I was 18 MR KHAW: If we can take a look at paragraph 11 of your 19 19 first witness statement, C27/20613. You said you learnt not involved in those inspections. But then, when 20 I walked past the site and when together with MTRC and 20 subsequently, from reviewing an email dated 7 April 21 sub-contractors, do you consider those as inspection? 21 2016, of one occasion on 15 December 2015 when rebars 22 If it is, then I did take part. But if these are not 22 with the threaded ends cut off were identified. Then 23 23 considered inspections by yourself, then I didn't take you said you understand from the non-conformance report 24 24 that there were five defective rebars rectified, 25 Q. My question was simply this, Mr Tam. You yourself 25 et cetera Page 106 Page 108 actually took part in the inspection of couplers during 1 1 Then you went on to say: 2 the course of your work, whether you are talking about 2 "I did not have any direct involvement in this 3 3 formal site walks or non-formal site walks. My question matter." 4 was simply whether you yourself took part in the 4 I'm just a bit curious as to why, Mr Tam, you as 5 inspection process of coupler installation, as simple as 5 a construction manager were not involved in this 6 that 6 particular NCR? Can you tell us why? 7 A. I saw. I saw that. 7 MR PENNICOTT: Sir, we know the answer to that. This 8 COMMISSIONER HANSFORD: Sorry, I'm confused with that 8 gentleman was working on the NAT and the SAT up until 9 9 answer, because I'm not sure whether you saw other April 2016. This all arose, we know, in C1-4. That's 10 people inspecting or whether you actually inspected 10 been established. So it's a pretty obvious answer, with 11 vourself. Which is it? 11 respect. Indeed I'm a bit more concerned about some of 12 A. In my earlier answer -- well, inspections can be formal 12 the more general questions that were asked earlier about 13 inspections or we would walk past the coupler 13 the inspections, because again, apart from the period 14 installations works when we walked past the site, and 14 from April 2016 onwards, where we know the NSL was 15 these are all considered inspections. 15 certainly being constructed for a few months after April 16 If we are talking about the latter case, I saw 16 2016, any other questions could only possibly be related 17 people actually screwing the bars into the couplers or 17 to the SAT and the NAT, where this gentleman was 18 the rebars being screwed into the couplers already. So 18 working. 19 this is my answer. 19 I'm not sure about the position on the NAT. 20 MR KHAW: When you were doing the site walk, when you were 20 I accept that there may have been some coupler 21 carrying out your duties, when you saw couplers having 21 installations on the SAT, but fairly limited, to my 22 22 been installed, were you aware of whether your team understanding. So I think one needs to be a bit careful 23 members would check each installation of the coupler or 23 about the scope of the evidence and the generality of 24 what percentage of the couplers that they would check 24 questions that are being put to this witness. 25 during the inspection process? Do you know? 25 CHAIRMAN: Yes.

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- 1 MR KHAW: Thank you. I will move on.
- 2 You told us that when you were first aware of this
- 3 NCR, it was around April 2016?
- 4 A. Well, one of the emails was sent to me.
- 5 Q. That was an email dated 7 April 2016.
- Now, when you received that NCR, did you have
- 7 a chance to look at the contents of that NCR?
- 8 A. There were a number of NCRs related to that email.
- 9 I was not responsible for that area at that time, so
- 10 I didn't read in detail the area which was not connected
- to me. So I focused on what was relevant to me.
- 12 Q. Regardless of the contents of the NCR, when were you
- 13 first aware of the incident that cut threaded rebar were
- 14 found on site? When were you first notified of such
- 15 an incident?
- 16 A. "Notify" -- what do you mean by "notify"? Notify of the 16
- incident of rebar cutting or what?
- 18 Q. As a construction manager, when were you first notified
- of the incident where threaded rebars were cut?
- 20 A. End of 2016, there was an email from Jason. Sorry, it
- should be an email in early 2017.
- 22 Q. Right. So you were only aware of the bar cutting
- incident when you received Jason Poon's email dated
- 24 6 January?
- 25 A. (In English) Yes.

- $1\ \ Q.$ What was the reason that he wanted to speak to you on
- 2 that occasion?
- 3 A. I didn't know what the reason was.
- 4 Q. But then you told us that you asked Jason Poon when he
- 5 would "finish playing the game", and by that you meant
- 6 making allegations to the media against Leighton in
- 7 relation to the project; right?
- 8 A. Yes.

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- 9 Q. So, when you said this to Jason Poon, were you aware of
- any result in relation to the bar cutting incident? Any
 - result in relation to the investigation of the bar
- 12 cutting incident?
- 13 A. I don't understand what you mean by the result of the
- investigation of the bar cutting.
- 15 Q. I'll try to go through that step by step. You told us
- that Mr Stephen Lumb came to the site, apparently to
- 17 carry out an investigation of the bar cutting incident,
- or the allegation regarding bar cutting. Do you
- remember that?
- 20 A. Yes.
- 21 Q. In your paragraph 21, you told us that you could not
- recall the results of that investigation; is that right?
- 23 A. Yes.

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- 24 Q. My question was very simple. My question was, in June
- 25 2018, when you told Jason Poon -- or when you asked him

Page 110

- Q. And before that, you were not aware of what the NCR was
- 2 all about?

- 3 A. Correct.
- 4 Q. So, when you received Jason Poon's email dated 6 January
- 5 2017, were you then told about the NCR incident which
- 6 happened in December 2015?
- 7 A. I can't remember.
- 8 Q. At the time when you received Jason Poon's email in
- 9 January 2017, were you aware of any investigation
- 10 carried out by Leighton in respect of the bar cutting
- 11 incident?
- 12 A. I saw Stephen Lumb arrive at the construction site.
- 13 Q. And in your witness statement you told us that you could
- not recall the result of such investigation; is that
- 15 correct?
- 16 A. Yes.
- 17 Q. If I can then take you to the last paragraph of your
- 18 first witness statement. You told us about a WhatsApp
- message from Alex Ngai on 12 June 2018.
- 20 A. Yes.
- 21 Q. Then you said the WhatsApp message asked for a call to
- speak about certain scaffolding issues, et cetera, and
- 23 it also said that Jason Poon would like to find a reason
- 24 to speak to you. You saw that?
- 25 A. Yes.

- when he would "finish playing the game", ie making
- 2 allegations to the media, were you aware of any result
- 3 of the investigation carried out by about Mr Lumb?
- 4 A. I don't know. I didn't know.
- 5 Q. So you had no idea at that time whether the bar cutting
 - allegation could be substantiated or not; am I right?
- 7 A. Yes, you can say so.
- 8 Q. And, at that time, you were not aware of any previous
 - bar cutting incident which happened on site; is that
- 10 correct?
- 11 A. Sorry, could you repeat the question?
- 12 Q. At the time when you talked to Mr Jason Poon in June,
- when you asked him when he would "finish playing the
- game", ie, according to you, "playing the game" means making allegations about bar cutting -- my question was
- making allegations about bar cutting -- my question was, before your conversation with Mr Jason Poon in June
- 2018, were you aware of any previous bar cutting
- 2016, were you aware of any previous bar cutting
- incidents which happened on site, including the one
- 19 covered under the NCR?
- A. Are you asking whether I was aware there were bar cutting incidents that were before 12 June 2018? Well,
- at that time, there was widespread media reporting.
- That's where I got my information.
- 24 Q. I'm not talking about the media reports. I'm talking
- about whether you, as a construction manager of

	Page 113		Page 115
1	Leighton	1	there would be these types of confrontation, friction.
1	A. No, I didn't know.	2	COMMISSIONER HANSFORD: In your experience, is that natural,
2	Q. After December 2015, were you aware of any instruction	3	is that usual? On the construction sites you have been
3		4	involved in, is that sort of level of friction between
4	or guideline given by Leighton which would prevent or	5	
5	which sought to prevent bar cutting incidents on site?		sub-contractors usual, or is this unusual or abnormal?
6	Were you aware of any such instruction or guideline?	6	A. It would depend on the division of labour. Then we
7	A. I'm not sure. I would have to look up my references.	7	could discuss whether it's normal or not. Because the
8	Q. Can I just clarify one more thing with you: when were	8	nature of the work and the construction site, they are
9	you first aware of the NCR bar cutting incident; can	9	all different. This site, there's much more interaction
10	I just clarify that with you?	10	between the parties and there's a lot more interface,
11	A. Very recently, I would think.	11	and when we work under the podium it's more complex. So
12	Q. So you meant what you are saying is that despite the	12	whether it's normal well, compared to my older sites,
13	NCR issued in December 2015, since then you have never	13	you can say it's not as normal. There's more friction.
14	been told or you have never been or you have never	14	COMMISSIONER HANSFORD: Okay. Thank you.
15	discussed with anyone on the site regarding the	15	CHAIRMAN: Nothing arising? Good.
16	discovery of particular bar cutting incidents on site;	16	Thank you very much indeed, Mr Tam. Your evidence
17	is that correct?	17	is now completed. Thank you for your assistance.
18	A. I did not discuss. I've been told from the email.	18	(The witness was released)
19	MR KHAW: I have no further questions.	19	MR PENNICOTT: 15 minutes, sir?
20	MR BOULDING: No questions from the MTR, sir.	20	CHAIRMAN: Yes, thank you.
21	CHAIRMAN: Thank you.	21	(3.43 pm)
22	Ms Chong?	22	(A short adjournment)
23	MS CHONG: No questions from Fang Sheung.	23	(4.05 pm)
24	CHAIRMAN: Any re-examination?	24	MR SHIEH: Mr Chairman and Mr Commissioner, we now have Gary
25	MR SHIEH: No re-examination.	25	Chow.
	Page 114		Page 116
1	CHAIRMAN: Good.	1	Just to place him on the corporate chart, could
2	Questioning by THE COMMISSIONERS	2	I ask the Commission to look at C7, first of all 5535,
3	COMMISSIONER HANSFORD: I just have one question.	3	which is the corporate chart, as of 14 May 2015.
4	Mr Tam, you talk about friction between	4	COMMISSIONER HANSFORD: It's not up yet.
5	sub-contractors. What do you mean by "friction" and	5	MR SHIEH: C7/5535.
6	could you just expand on the nature of the relationship	6	COMMISSIONER HANSFORD: Yes.
7	between sub-contractors? This is your paragraph 9 in	7	MR SHIEH: If we take the MTRC name in the middle as the
8	your first witness statement.	8	starting point, and then Mr Plummer's photo, Mr Gary
9	A. Yes, Commissioner. I participated in the HUH project,	9	Chow is immediately below Mr Plummer on the corporate
10	and China Technology, they are in the middle, and there	10	chart.
11	are other larger/smaller sub-contractors and	11	CHAIRMAN: I've got it.
12	contractors. So, to a certain extent, there's a bit of	12	COMMISSIONER HANSFORD: In a parallel position to Mr Joe Tan
13	interfacing between them. Because the station, China	13	who we've just seen?
14	Technology covers a large area of the station, and a lot	14	MR SHIEH: Yes, that's right.
15	of times there is some friction or there are some	15	Then, for the other corporate chart, which is the
16	work/personnel/material/logistics/deployment, and there	16	next page, 5536, as of 28 December 2015, if we take
ì	work/personner/material/logistics/deployment, and there		
17	are some friction sometimes.	17	Mr Plummer again, under the MTRC name, Mr Gary Chow
17 18			Mr Plummer again, under the MTRC name, Mr Gary Chow would be about 4 o'clock from Mr Plummer.
	are some friction sometimes.		
18	are some friction sometimes. COMMISSIONER HANSFORD: Just expand on the word "friction"	. 18	would be about 4 o'clock from Mr Plummer.
18 19	are some friction sometimes. COMMISSIONER HANSFORD: Just expand on the word "friction" What was the nature of that friction?	. 18 19	would be about 4 o'clock from Mr Plummer. CHAIRMAN: Yes. Thank you.
18 19 20	are some friction sometimes. COMMISSIONER HANSFORD: Just expand on the word "friction" What was the nature of that friction? A. Sometimes, there would be arguments, small arguments.	. 18 19 20	would be about 4 o'clock from Mr Plummer. CHAIRMAN: Yes. Thank you. COMMISSIONER HANSFORD: Sorry, hold on.
18 19 20 21	are some friction sometimes. COMMISSIONER HANSFORD: Just expand on the word "friction" What was the nature of that friction? A. Sometimes, there would be arguments, small arguments. COMMISSIONER HANSFORD: Small arguments?	. 18 19 20 21	would be about 4 o'clock from Mr Plummer. CHAIRMAN: Yes. Thank you. COMMISSIONER HANSFORD: Sorry, hold on. MR SHIEH: 4 o'clock from Mr Plummer.
18 19 20 21 22	are some friction sometimes. COMMISSIONER HANSFORD: Just expand on the word "friction" What was the nature of that friction? A. Sometimes, there would be arguments, small arguments. COMMISSIONER HANSFORD: Small arguments? A. Yes, small arguments, because the material that they use	. 18 19 20 21 22	would be about 4 o'clock from Mr Plummer. CHAIRMAN: Yes. Thank you. COMMISSIONER HANSFORD: Sorry, hold on. MR SHIEH: 4 o'clock from Mr Plummer. COMMISSIONER HANSFORD: I'm just trying to work out my
18 19 20 21 22 23	are some friction sometimes. COMMISSIONER HANSFORD: Just expand on the word "friction" What was the nature of that friction? A. Sometimes, there would be arguments, small arguments. COMMISSIONER HANSFORD: Small arguments? A. Yes, small arguments, because the material that they use is similar. They are almost doing the same work.	. 18 19 20 21 22 23	would be about 4 o'clock from Mr Plummer. CHAIRMAN: Yes. Thank you. COMMISSIONER HANSFORD: Sorry, hold on. MR SHIEH: 4 o'clock from Mr Plummer. COMMISSIONER HANSFORD: I'm just trying to work out my 4 o'clock.

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- 1 corporate organisation charts.
- 2 Mr Chow, good afternoon. Welcome to this hearing.
- 3 MR CHOW MING YIN, GARY (affirmed in Punti)
- 4 (All answers given via simultaneous interpreter
- 5 except where otherwise specified)
- 6 Examination-in-chief by MR SHIEH
- 7 Q. Mr Chow, can you look at bundle C27, page 20713. You
- 8 see this is your first witness statement; can you see
- 9 that?
- 10 A. Yes.
- 11 Q. Can you turn to 20716. Is that your signature on that
- 12 page?
- 13 A. Yes.
- 14 Q. Can you then look at bundle C33, page 24777. That is
- 15 your second witness statement; do you see that?
- 16 A. Yes.
- 17 Q. Can you look at 24778. Is that your signature?
- 18 A. Yes.
- 19 Q. Do you confirm the content of these two witness
- statements and put these forward as your evidence in
- 21 this Commission of Inquiry?
- 22 A. Yes.
- 23 MR SHIEH: Thank you. Please remain seated because lawyers 23
- 24 for other parties may ask you questions. The Commission
- 25 may also --

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25

- MR PENNICOTT: There's a third statement.
- 2 MR SHIEH: Sorry, yes. There's a third statement also.
- 3 That is in bundle C35, page 26676. This is your third
- 4 witness statement, Mr Chow; correct?
- 5 A. Yes.
- 6 Q. Turn to the next page, please. That is your signature
- 7 there?
- 8 A. Yes.
- 9 Q. Do you confirm the contents of this witness statement
- and put this forward as your evidence in this Commission
- 11 of Inquiry?
- 12 A. Yes.
- 13 Q. Please remain seated because lawyers for other parties
- as well as the Commission may have some questions for
- you, and then I may have some questions for you by way
- of rounding-up. Do you understand?
- 17 A. Understand.
- 18 Q. And also, when you give your answers, can I ask you to
- speak out and not simply nod or make a gesture, because
- 20 these cannot be captured by the recording system or
- 21 turned into the form of a written transcript. Do you
- 22 understand?
- 23 A. I understand.
- 24 MR SHIEH: Thank you very much. Please remain seated for
- 25 questioning.

- Examination by MR PENNICOTT
- 2 MR PENNICOTT: Mr Chow, good afternoon. My name is
 - Pennicott, I'm one of the counsel for the Commission,
- 4 and I get to ask you some questions first, and as
- 5 Mr Shieh has explained, others may do so after me.
- 6 Thank you very much for coming along to give
- 7 evidence to the Commission this afternoon.
- 8 I've just got a couple of topics I want to cover
- 9 with you, Mr Chow, and I doubt if I'll be very long.
- 10 Mr Chow, first of all, were you following Mr Shieh's
- explanation of the organisation charts a few minutes
- 12 ago?
- 13 A. I understand.
- 14 Q. That seemed to show you, as at May 2015, under the
- general heading of "HUH"; do you remember that?
- 16 A. Yes
- 17 Q. But, by December 2015, it had become area B, area C and
- 18 HKC; do you remember that?
- 19 A. Yes
- 20 Q. What was the difference? What was the change and when
- 21 did it happen?
- 22 A. I think roughly between May and June another colleague
 - was deployed to the Hung Hom site, and at the time SAT
- and area A were divided to be handled by this new
 - colleague.

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- 1 Q. I see. But, in any event, can we just establish that
- 2 from paragraph 4 of your witness statement -- that's at
- 3 20713, that's your first statement -- that from about,
- 4 you say, late March 2015 to April 2016, you worked as
- 5 the construction manager on areas B, C1, C2 and C3 and
- 6 HKC, both in relation to the EWL slab and the NSL slab,
- 7 and that that is accurate?
- 8 A. Yes.
- 9 Q. Thank you very much.
- Mr Chow, you refer in paragraph 12 of your witness
- statement at 20715 to an incident that occurred on
- 12 15 December 2015. On that day, you say, correctly
- 13 I think, that you were copied in on an email sent by
- 14 Kobe Wong of the MTRC to a number of people at
- 15 Leightons. Do you recall that?
- 16 A. Yes, I recall that.
- 17 Q. I'm obliged. You say that you have no recollection of
 - receiving or acting on this email at that time. Is that
- 19 correct?

18

- 20 A. In the first statement, yes.
- 21 Q. Have you in recent times reviewed NCR157?
- 22 A. NCR157, I've seen it once, and that was in July this
 - year, I had assisted the MTR investigation and my
- colleague showed me the document, and I've seen it once.
- 5 Q. Right. Have you not reviewed it for the purpose of

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- 1 coming to give evidence today?
- 2 A. No.
- 3 Q. Okay. Could I ask you, please, to be shown NCR157.
- 4 First of all, let's look at the email. If you
- 5 please could be shown C12/8127. That's the email from
- 6 Mr Kobe Wong which I just mentioned to you; do you see
- 7 that, Mr Chow?
- 8 A. Yes, I see that.
- 9 Q. And we can see that you were copied in.
- Then if you would be good enough, please, to go to 10
- 11 C12/8134, this is the NCR, 157. We can see that
- 12 Mr Rawsthorne signed it, and on this page it is dated
- 13 18 December 2015; do you see that?
- 14 A. I see that.
- Q. If we go right to the bottom of the page, under the 15
- 16 copyright note it says, "Prepared by: Andy Ip"; do you
- 17 see that?
- 18 A. Yes, I see that.
- 19 Q. If we go over the page, please, to page 8135 -- and this
- 20 is the second page, as I understand it, of the NCR,
- 21 Mr Chow -- if we could go to the bottom of the page,
- 22 please, this time, under the copyright, it says,
- 23 "Andy Ip", and it also has your name; do you see that?
- 24 A. I see that.
- 25 Q. So why does this NCR have, on its face, your name?
 - Page 122
 - A. I believe because Andy was in my team, and the usual
- 2 procedure was that he prepared it and he would show it
- 3 to me. Then I found that it was okay and put in
- 4 an initial there, before it was submitted to somebody
- 5

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- Q. Right. That was my next question. The initials at the 6
- 7 bottom, one of those initials is yours; is that correct?
- 8 A. I haven't signed it.
- Q. Are either of -- I don't know whether it's one or two 9
- 10 initials -- but is the initial or initials at the bottom
- 11 yours or not?
- 12 A. I didn't sign it. It was not the form of my initial
- 13
- 14 Q. All right. So perhaps they are Mr Ip's initials. Do
- 15 you recognise them?
- 16 A. I guess so.
- 17 Q. All right. But, in any event, you simply have no
- recollection whatsoever of this NCR; is that correct? 18
- 19 A. I've not seen it. It was only when I assisted in the
- 20 MTRC's investigation did I see it for the first time.
- 21 Q. You were the construction manager for the relevant area,
- 22 which we know to be C1-4, in December 2015; that's
- 23 right, isn't it?
- 24 A. Just C1 to C3, without C4.
- 25 Q. C1 hyphen 4 is what I meant.

- 1 A. Yes, correct.
- 2 Q. Mr Chow, we know that this is, on Leighton's evidence,
- 3 particularly the evidence of Mr Edward Mok, the third of
- 4 three incidents of threaded rebar cutting that had
- 5 happened between about September and December 2015.
- 6 Were you aware of that?
- 7 A. No, I didn't know.
- 8 Q. So is it your evidence, Mr Chow, that at no time between
- 9 September and December 2015, nobody informed you of any
- 10 bar cutting incident?
- 11
- Q. You would agree, I assume, with all the witnesses who 12
- 13 have given evidence on this point so far that cutting
- 14 threaded rebar is something that should not be done; do
- 15 you agree?
- 16 A. Correct.
- 17 Q. It is a serious malpractice; would you agree?
- 18 A. Agree.
- 19 Q. Are you surprised, given that you were the construction
- 20 manager at the time for the relevant areas, looking back
- 21 on things, that you were not informed at the time?
- 22 A. Yes.

25

- 23 Q. Having recently, relatively recently, acquired knowledge
- 24 of this bar cutting incident and perhaps others have you
 - made any enquiries as to why you were not informed at

- the time?
- 2 A. I left Leighton already so I didn't have any contact 3 with the relevant colleagues.
- 4 Q. All right. You left in April 2016, I think, to be fair
- 5
- 6 A. I was redeployed to another site, and then earlier this
- 7 vear I left Leighton.
- MR PENNICOTT: Right. Thank you very much, Mr Chow. I have
- 9 no further questions.
- 10 MR TO: Chairman and Commissioner, I just have a few
- 11 questions.
- 12 CHAIRMAN: Yes.
- Cross-examination by MR TO 13
- 14 MR TO: Good afternoon, Mr Chow. I represent China
- 15 Technology. I'm Christopher To. I'm just going to ask
- 16 you two or three questions, if that's okay.
- 17 The first question is -- Mr Pennicott asked you some
- 18 questions about NCR, non-conformance reports; you
- recollect? 19
- 20 A. Yes, I do.
- 21 Q. During your time, how many NCR forms were issued?
- 22 A. I don't know.
- 23 Q. Are you familiar with a Stephen Lumb, L-U-M-B?
- 24 A. I don't know him.
- 25 Q. So are you familiar with a report or two reports done by

1	Page 125		Page 127
	Leighton relating to the incidents of rebar cutting?	1	insofar as we can avoid it
2	A. Well, I saw that in the newspapers in the last couple of	2	CHAIRMAN: Yes, of course.
3	days.	3	MR PENNICOTT: in terms of putting things to the
4	Q. My last question is: were you involved in any way or	4	witnesses time and time again.
5	form in terms of assisting in compiling these reports or	5	HOUSEKEEPING
6	being interviewed in relation to these reports?	6	Could I raise, however, another administrative
7	A. No.	7	matter which I haven't had a chance to raise with you
8	MR TO: Thank you, Mr Chow. I have no further questions.	8	before.
9	Cross-examination by MR KHAW	9	It really relates to tomorrow. We will obviously
10	MR KHAW: Just one question, Mr Chow. I'm acting for the	10	start with Mr Leung first thing in the morning, and he
11	government. While you were working for this particular	11	will be followed by Mr Andy Ip. I'm reasonably
12	project, were you aware of any requirements in relation	12	confident, subject to anybody behind me telling me I'm
13	to inspection and supervision as set out under the QSP?	13	wrong, that we will complete the evidence of Mr Leung
14	A. I haven't read that QSP but, generally, for every site,	14	and Mr Ip during the course of tomorrow.
15	there are different acceptance procedures.	15	Sir, the problem then arises the next witness is
16	MR KHAW: I have no further questions.	16	Mr Edward Mok. I anticipate, but I may be wrong, that
17	MR BOULDING: No questions from MTR, sir.	17	Mr Edward Mok could be in the witness box rather longer
18	MS CHONG: No question from Fang Sheung.	18	than some of the other Leighton witnesses that we've had
19	CHAIRMAN: Peter?	19	to date, for reasons which obviously everybody is aware.
20	COMMISSIONER HANSFORD: I have nothing.	20	Sir, I've had a brief discussion with Mr Shieh and
21	CHAIRMAN: I have nothing.	21	Mr Wilken, and I think we all agree that it would be
22	MR SHIEH: No re-examination.	22	inappropriate to have a witness in purdah when we break
23	CHAIRMAN: Good. Thank you very much indeed. That was	23	tomorrow evening and for a week off.
24	short, sharp and sweet for you, I hope. Thank you very	24	So what I'm suggesting, I think, so that everybody
25	much for coming to the Commission to assist us. Your	25	is aware and obviously you may have views is that
	Page 126		Page 128
1	evidence is now finished.	1	tomorrow the business is Mr Leung and Mr Ip, and we can
2	WITNESS: Thank you, Chairman.	2	probably stand down Mr Mok tomorrow, because even if we
3	(The witness was released)	3	start him, there's simply no chance we are going to
4	MR SHIEH: Mr Chairman and Mr Commissioner, the next witnes	s 4	finish him. That would be my take on the situation,
_	in line is supposed to be Mr Joe Leung, but we have	5	
5		ر	unless anybody else has any contrary views.
6	miscalculated the time that everyone would take, and	6	CHAIRMAN: Does any counsel disagree with that assessment?
	therefore Mr Joe Leung is not on standby today.	6 7	CHAIRMAN: Does any counsel disagree with that assessment? MR SHIEH: We would endorse that, Chairman.
6 7 8	therefore Mr Joe Leung is not on standby today. CHAIRMAN: That's all right.	6 7 8	CHAIRMAN: Does any counsel disagree with that assessment? MR SHIEH: We would endorse that, Chairman. COMMISSIONER HANSFORD: Can I just ask a question there
6 7 8 9	therefore Mr Joe Leung is not on standby today. CHAIRMAN: That's all right. MR SHIEH: If we may ask for the matter to be adjourned	6 7 8 9	CHAIRMAN: Does any counsel disagree with that assessment? MR SHIEH: We would endorse that, Chairman. COMMISSIONER HANSFORD: Can I just ask a question there may be logical reasons why this wouldn't be the case
6 7 8 9 10	therefore Mr Joe Leung is not on standby today. CHAIRMAN: That's all right. MR SHIEH: If we may ask for the matter to be adjourned slightly earlier today and then for Mr Joe Leung to be	6 7 8 9 10	CHAIRMAN: Does any counsel disagree with that assessment? MR SHIEH: We would endorse that, Chairman. COMMISSIONER HANSFORD: Can I just ask a question there may be logical reasons why this wouldn't be the case but would it be possible to skip over Mr Mok and go to
6 7 8 9 10 11	therefore Mr Joe Leung is not on standby today. CHAIRMAN: That's all right. MR SHIEH: If we may ask for the matter to be adjourned slightly earlier today and then for Mr Joe Leung to be called first thing tomorrow morning.	6 7 8 9 10 11	CHAIRMAN: Does any counsel disagree with that assessment? MR SHIEH: We would endorse that, Chairman. COMMISSIONER HANSFORD: Can I just ask a question there may be logical reasons why this wouldn't be the case but would it be possible to skip over Mr Mok and go to Mr Man?
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1	from 10.00 in the morning through until 4.00 in the	
2	afternoon on the Saturdays when we return. That's not	
3	a definite, I'm not saying it will happen, but we do	
4	need to have a better idea of the evidence and the	
5	amount that we need to get through.	
6	MR PENNICOTT: Yes, sir.	
7	CHAIRMAN: Good. Anything more?	
8	MR PENNICOTT: No, sir. Thank you very much.	
9	CHAIRMAN: Thank you very much.	
10	(4.31 pm)	
11	(The hearing adjourned until 10.00 am the following day)	
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