

Time	Event	SOUTH / H090 / LEFT “H090”	NORTH / H091 / RIGHT (“H091”)	References	Comments
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### FBU's CHRONOLOGY OF LIFT USE

c.12:52 or soon after.	The Neda family in the south lift from GF to Floor 23	Floor 23		§10.148 Neda Day 61	
00:56:38	Miguel and Fatima Alves, Ishmael Boaitey and John Beadle enter the south lift at GF to go up to Floor 4	GF to Floor 4		§10.136 & Annex A (Vol.3/488) Fatima Alves - Day 52/91:3, 93/18-19 {IWS00000443} p1-3 Miguel Alves - Day 53/10/14-21 {IWS00000876}	They all exited GT soon thereafter except John Beadle who exited at 01:46:21
00:57:24	Left lift at Floor 4	Floor 4		{INQ00000395}	
Start of period when 2 residents left the lift					
01:01:18	Saleh Yusuf (Floor 5) Got into the lift at unknown floor, probably floor 5, at 01:01:18.	Floor 5 to GF		§10.288 & Annex A {RHO00000003_0224} §603.2 He left “the lift” at GF at 01:01:50 {MET00016072}	§10.288: finding that by 01:15, 2 people had left the tower via the lifts.
01:01:35	CM Secrett tried unsuccessfully to operate the fire control switch	GF		{BLAS0000033_0039, §L5.1.1} {INQ00000138}	He left the key in the FC switch {RHO00000003_0218} §579
01:01:49	CM Secrett & other Ffs enter lift	GF		{INQ00000101} (Source: CCTV)	
The south lift is now blocked for resident use by the firefighters taking de facto control.					
01:02:15	CM Secrett and Ff Badillo in lift	South		{INQ00000101} (Source: CCTV)	
				{LFB00032988_0013}	
01:02:31	Ff O'Beirne goes to the lift and hands a firefighting branch to Ff Dorgu in the lift (Source: CCTV: Cameras 5 and 18).	South due to CCTV		{LFB00032988_0014}	
01:02:43	CM Secrett and team travel from ground floor to 2 <sup>nd</sup> floor	South		{LFB00032988_0013} (Source: CCTV C18)	
01:02:59	Left lift on Floor 2	South		{INQ00000113} (Source: CCTV)	And block doors from 01:02:59 to take de facto control of this lift => S lift shows as OOS thereafter.
01:03:08	Ffs keep control of one lift by blocking doors:	South		{BLAS0000033_0043} (Source: Figure L.23: CCTV)	

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	Image of hose reel in lift doors.				
01:06:52	Farshid Kaficheraghi, with Rhea in Ft.91, he left ahead of her, to move his car for the Ffs, and took the lift to the GF.		North (i.e. the south lift was under Ffs’ control)	{RHO00000003_0224} §603.2 Annex A	§10.288 Exited GT 01:06:23
01:15	<i>Event log 190 (LOST LDG PUSH FEED) on lift H090 ... at position 11 (the 10th floor). The landing push feed fuses on both controllers were blown...</i>	South		WSP report {RHO00000004_0130}	(timings unconfirmed, see RHO§623)
After 01:10	Farhad Neda noticed the “south lift which contained the camera” had “stopped working”	South		§10.150 Neda Day 61/29/16-22: (during his call to the TMO’s out of hours service, Pinnacle PSG)	
01:15	“Before that time 26 people had left the tower using the stairs, and a further two using the lift”			§10.288	§10.288 2 people had left the tower via the lifts (Salah Yusuf and Mr Kaficheraghi)
Start of the period when 7 residents left: between 01:15-01:31, a further seven left the Tower using the lift. They were Daniel Griffin, Maria Jafari, Fatima Jafari, Emma O’Connor, Luke Towner, Rhea Rojo, Nadia Jafari: §10.288 §603.3 {RHO00000003_0224}.					
01:15-01:17	“One lift was showing as out of service”. Naomi Li was on Floor 22.	Probably the South lift – i.e. doors blocked open		§10.274 {Naomi Li Day 62/133/13-136/9}	
c. 01:15 or earlier	Daniel Griffin took the “lift” from Floor 6 to Ground Floor Ft.31 (having called it, presumably from GF)		North, i.e. Ffs had taken de facto control of the South lift.	§10.163 & Annex A Griffin {IWS00000173} Pages 1, 6-8, 13 {RHO00000003_0224}§603.4	The north lift is left at GF after Mr Griffin exited GT at 01:16:04

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01:16		The penultimate log (194) on the faults recorded for south lift. lift at floor 10 according to computer log.  NB After item 195, no faults were logged for the south lift from 01:16 to 03:07 {RH000000004_0113} – despite being ‘out of service’ (see below)	[Any fault logs for the north lift have been lost because they were deleted by the numerous faults logged from 02:32 {RH000000004_0226 - _0228}]	{RHO000000003_0226} §617 and {RHO000000004_113} Pre-fire faults at floor 10 (= position 11) on South lift (H090). [This fault was not recorded over previous 10 days {RHO000000004_119-114}, albeit lots of others.]  But Fault 190 (Code 27) may indicate a poor connection (descriptors at {RHO000000004_0134} ⇒ May have been a fault at floor 10 before the fire.  Also, H090 Faults 77 & 80 “Under test control”.  Given the No. of faults over the 10 days before the fire, was this an unreliable lift?	Floor 10  {RHO000000003_0228} “Code 27 - The feed to the landing push has been lost - If the feed to the landing push-button is lost, which could be caused by a blown LPF fuse, the event is recorded, the lift will run in bus stop mode and respond only to car calls”
01:16	§10.261 Emma O'Connor and her partner Luke Towner. Emma notes “one of the lifts was not working” on Floor 20.  §10.262 “The couple took the other lift, which stopped first on Floor 11”.		North (i.e. Ffs using South)  So, North lift was called probably from GF to 20 <sup>th</sup> fl. Descended to GF, but stopped at floors 11 and 3.	§10.261 to §10.263 & Annex A Page 1,6 {IWS00000121}	FBU Smoke Flow: {IWS00000121} - Luke Towner and Emma O'Connor left flat approx 01:15 - no smoke in flat when left. Left via lift.
At c. 01:17	§10.263 Maria Jafari and Fatima Jafari got into the lift on Floor 11 and it stopped again at Floor 3 as Mahboubah Jamalvatan (Ft. 10, 3 <sup>rd</sup> fl) had called the lift but did not get in.		Travels from 11 <sup>th</sup> until stops at 3 <sup>rd</sup> fl. (at c.01:19) – no one gets in or out. Lift descends to GF by c. 01:20.	Annex A {IWS00000078}  Now 4 people in this lift: Emma & Luke (from floor 20) and Maria and Fatima (from floor 11). All exit at GF (see below).	Mahboubah Jamalvatan (disabled) exited GT at 01:24:20



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01:20:13 & 01:20:53	Maria Jafari, Fatima Jafari, Emma O'Connor and Luke Towner seen leaving the lift and the lift lobby on the ground floor. They soon leave the tower, noting “very loud noises, as though they were working overtime”.		North lift (i.e. nil on Cam. 18) now on GF	Annex A {RHO00000003_0224} §603.5 and §10.261 - §10.263  Image at MPS CCTV schedule {MET00016072}	Emma & Luke exited GT at 01:20:38 Fatima exited GT at 01:22:25 Maria exited GT at 01:26:07
After 01:20, & before 01:24	Rhea Rojo called the lift to floor 12 and entered. Someone was already in the lift “... a black guy in his twenties or thirties ...” The lift ascended to floor 18 where 2 ladies entered. There was smoke in stairwell. The lift doors closed and the lift descended. It stopped at floor 12, doors did not open. Continued descent. Thick smoke entered the lift which was stopping at every floor. Smoke v thick.		North  Ascends & stops at unknown floor (below 12), then stops at floor 12, then at floor 18. Then descends & stops at floors 12, 9/10, and every floor on the way to GF.	Rhea Rojo (Ft.91, on floor 12) §44 & ff of her statement: {IWS00000066_0005} [read into the record on Day 65 – not called]	On its descent to floor 12 (where it stopped but the doors did not open) the north lift was occupied by 4 people: Rhea, the black guy in his 20s/30s, and the 2 ladies who entered at floor 18.
Mean-while at 01:20	Maher Khoudair, having woken at 01:15, noted at about 01:20 the lifts were not working (Flat 64, 9 <sup>th</sup> fl) - “both lifts were out of service”	Both lifts “out of service”	Both lifts “out of service”.	§11.123 Maher Khoudair - Day 55/131:21	The North lift was on its descent (see Rhea’s account above)
& at about the same time	Natasha Elcock on Floor 11 “...the lobby was lit and one of the lifts, which had been working earlier, was by then out of service...”	“out of service”	“out of service”	§10.209 {IWS00000310} Page 2 Natasha Elcock {Day 70/27:19}	No mention of exact time (but before Nadia and her father got into the North lift on floor 11)

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After 01:20	<p>An unknown lady from the stairwell (“the stairwell lady”) called the lift to floor 11 where she, Nadia Jafari and Ali Yawar Jafari entered it to descend.</p> <p>On its descent from floor 11 it appears the north lift was occupied by 7 people: Rhea, the black guy in his 20s/30s, the 2 ladies who entered at floor 18, the stairwell lady, Nadia and her father who entered on floor 11.</p> <p>This is however inconsistent with the Chairman’s findings at §10.221 (likely 5 passengers from floor 11) of the Phase 1 report (see FBU written Opening Submissions for Module 3).</p>		<p>§10.221 confirms this was the north lift.</p> <p>Descends from floor 11.</p>	<p>§10.208: “... Nadia was originally uncertain how many people had already been in the lift but thought that there had been about six people in it once she, her father and the woman from the stairwell had entered. She was more confident that one of the occupants had been a ‘healthy and muscular man’... ”</p> <p>+ Nadia Jafari Day 54/43:11 &amp; ff</p>	<p>7 people being in the lift from floor 11 is broadly consistent with Nadia Jafari’s evidence of “about 6 people” given she could not be sure:</p> <p>Q. Thinking about it today, do you have a clearer idea of how many people were in the lift when you got into it?</p> <p>A. Well, I’m not sure because at that time I was very scared and panicked and -- but I remember there was a man in the lift when the lift came. I remember there was a man.</p> <p>[Day 54/44:23]</p> <p>&amp;</p> <p>Q. ... Was it quite crowded in the lift by the time you’d all got into it?</p> <p>A. Not crowded, but it was kind of, like, looked full to me. I can’t remember. Because the lift was quite huge and it had, like, capacity for 12 people.</p> <p>[Day 54/46:11]</p>
Mean while, at c.01:24,	<p>Mustafa Abdu of Ft.184 on floor 21 descended the stairs and called the lift from the floor 10 lobby, about halfway down, before continuing down the stairs.</p>		<p>North lift descended to floor 10 where it stopped and became stuck.</p>	<p>§10.220</p> <p>CCTV: Mustafa Abdu left the tower via the main entrance at 01:28:57 {MET00016072}</p> <p>Mr Abdu stated it took him about 7 minutes to descend the stairs [§17 of his witness statement {IWS00000307}, read into the record on Day 68/97:12].</p>	<p><i>RHO§611 The possible explanation for the lift stopping at floor 10 is at paragraph 10.220 of the Phase 1 report.</i></p>

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Before 01:25	The north lift descended from floor 11, but stopped unexpectedly at Floor 10 and got stuck. The lights went out and smoke began coming in at the edges of the doors. When they opened there was a rapid inward rush of smoke. The smoke was " <i>dark and with a strong and bitter chemical smell</i> ". Nadia Jafari was unable to breathe and had to close her eyes. She was coughing and felt like vomiting. She heard others in the lift shouting and coughing badly. There was panic: a man was banging against the doors with his legs, someone else went to the floor and someone was holding on to Nadia Jafari's leg. The lobby area of floor 10 was dark and full of smoke.		Lift was stuck at floor 10	§10.215 + [Day 54/46:22 & ff]  Q. What physical effect did that smoke have on you? A. I couldn't ... breathe up and I couldn't ... see, so I closed my eyes, and I was coughing and I feel like to vomit. Q. How quickly did that happen? A. After 1/2 minutes. Q. Did you hear what effect it was having on others in the lift? A. Yes. They were shouting and coughing badly. And one -- I think it was a man, I'm not sure, but someone went to the ground, he was on the floor... [Day 54/48:17]	Precisely who left, and who remained in, the lift at floor 10 is unknown.  Probably all left except Rhea and Nadia for whom visibility was nil and conditions were extremely hostile.  (see FBU written Opening Submissions for Module 3).
Before 01:26	The lift doors closed and the lift continued down. It was dark inside the lift, which was " <i>packed with smoke</i> ". The smoke lessened as the lift descended and Nadia Jafari was able to breathe. The lift door next opened on the ground floor and she ran out.			§10.215	At least 2 people, Rhea Rojo and Nadia Jafari, were in the lift on its final descent to the GF. It is likely no-one else was in the lift. Rhea recalls the lift stopping at every floor but the doors not opening until it reached the GF.





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	BA Team 5 (Secrett, Badillo & Dorgu) seen in lift lobby	(camera 18 evidenced)			
01:36	BA Team Five: CM Secrett, Firefighter Badillo and Firefighter Dorgu, get into the lift on the second floor and press the buttons to proceed to the 20th floor (Source: CCTV: Camera C18).	South (as camera 18) (2 <sup>nd</sup> to 28 <sup>th</sup> )		{LFB00032988_0077} (Source: CCTV: Camera 18)	
01:37:12	<i>BA Team 5 exit the lift at this time, probably on floor 8. Unexpected as they think they are going to floor 20. Thick black smoke enters the lift. They leave the lobby, make their way to the stairs and start to climb to floor 20.</i>	South lift left on floor 8 full of smoke.		§11.11  {LFB00032988_0080} (Source: CCTV: Camera 18)  {BLAS0000033_0046} Fig L.28: Conditions inside the (south) lift at 01:37	There is no evidence of anyone using this (South) lift again that night.  Ffs deployed on S&R missions used the stairs.
c. 02:28	The bodies of Mohamednur Tuccu and Khadija Khalloufi were recovered by firefighters from the lobby on floor 10 and carried down the stairs and out of the tower at 02:28.			§10.224 & Annex A  ORRv7 {LFB00032988_0186}  Mr Tuccu was carried down the stairs entering the GF at 02:29: ORRv7.	Took c. 4 mins to carry him down 4 floors.
02:31-02:33	There are 195 entries showing errors for the North lift stuck at level 10. These shifted out any earlier fault logs.		North	{RHO00000003_0226} §617	NB, there were no faults logged after 02:33 – why not?
02:50:48	02:50:48 CRO Howson at Brigade Control told a caller on floor 12 not to use the lifts.			ORRv7 {LFB00032988_0238}	LFB could not use the lifts for evacuation.
03:07		The last fault (item 194) logged for South lift CODE 51		{RHO00000003_0226} §617	
03:33	Ali Yawar Jafari, deceased, was carried out of GT			Annex A	

Martin Seaward, counsel for the FBU - 3 February 2021