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Exhibit SJH1



Deployments to Grenfell Tower
by NPAS Aircraft
on 14th June 2017

Inspector Simon Hepworth
NPAS Operations Centre Manager
3rd October 2017

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The attached document contains screenshots from Corvus of the eleven separate deployments made to Grenfell Tower on 14th June 2017. These were from the first request at approx. 0130hrs till we were stood down at 1605hrs that day. There is also a summary of actions undertaken by the MPS staff who work as local despatchers to a control room at NPAS Lippitts Hill. These actions are as agreed with the national Ops Centre at NPAS HQ, Wakefield. Lippitts Hill staff are responsible for receiving calls by phone, incident log (on Met CAD), assessing these for Threat, Harm and Risk, and then deploying an aircraft from the Lippitts Hill base. If there is no aircraft available to respond from Lippitts Hill in a timely manner, the request is referred to the Ops Centre which will attempt to provide an NPAS aircraft from another base. For London, these are at Benson (Oxford), Boreham (Essex) and Redhill (Surrey). Exceptionally, an aircraft will be despatched from further afield; in this case Deployment 10 saw NPAS51 attend from Birmingham as it was the nearest aircraft available with the specific camera required at that time.

Specific questions have been asked in the first instance by IPCC:

1. *Confirmation of the nature of the requests made to NPAS in relation to this operation.* The 'Related supplemental data' field at the foot of each entry gives a concise summary of the nature of the tasking. These show:
 - Deployment 1 0144-0244hrs: Overview for command and control.
 - Deployment 2 0255-0432hrs: Downlink provided to Metpol Incident Control and LFB. Persons noted trapped on upper floors.
 - Deployment 3 0430-0610hrs: Scene overview.
 - Deployment 4 0612-0735hrs: Downlink provided and search of all aspects for survivors. Occupant of floor 8 observed awaiting 'fire rescue attempt'.
 - Deployment 5 0735-0836hrs: No summary.
 - Deployment 6 0831-0944hrs: Downlink requested and provided.
 - Deployment 7 0943-1108hrs: No summary.
 - Deployment 8 1109-1224hrs: Downlink and overview provided.
 - Deployment 9 1223-1407hrs: Tasked to provide overview; downlink provided to MPS Control Room (GT).
 - Deployment 10 1408-1533hrs: Footage downlinked to police and fire service.
 - Deployment 11 1550-1605hrs: Still photographs.
2. *The process involved in the deployment of NPAS helicopters.*
 - The supported force (MPS in this case) contacts NPAS, gives an overview of the requirement and indicates the level of threat, harm and risk.
 - The despatcher, whether at Lippitts Hill or the Ops Centre, decides whether or not the level of THR justifies the deployment of an air asset. In this case, it was clear cut; a major critical incident with lives immediately at risk.
 - The despatcher decides whether the task is suitable for air support, i.e. can the aircraft and crew contribute usefully to the overall police response. The crew will agree this directly with the incident commander via an agreed Airwave talkgroup. The tactical options available at incidents such as Grenfell Tower include video and/or thermal imaging downlink to the incident commander, recording of video evidence, monitoring by the crew and verbal information passed to the incident commander and stills photography. Other options might also be available, e.g. use of high intensity light or a loudhailer.

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- The aircraft, once deployed, is tasked directly by the supported force via local talkgroups. NPAS Ops Centre is not involved in the tactical process; we continue provide air support for as long as possible. Ops Centre provides Flight Following service as required by CAA, i.e. periodic comms checks to ensure aircraft and crew are accounted for.

3. *The identities of staff and officers on board any helicopters utilised during this operation.*

<u>Deployment</u>	<u>On scene</u>	<u>Base</u>	<u>Pilot</u>	<u>TFO 1</u>	<u>TFO 2</u>	<u>TFO 3</u>
Deployment 1	0144-0244hrs	Lippitts Hill	Capt Stuart Bainbridge	PC Lotte Wookey	PC Colin Barker	PC Bradley Franklin
Deployment 2	0255-0432hrs	Boreham	Capt David Crisall	PC Nicholas Spencer	PC Scott Glasscock	
Deployment 3	0430-0610hrs	Lippitts Hill	Capt Roshan Jaypalan	PC Michelle Pearce	PC Colin Barker	
Deployment 4	0612-0735hrs	Boreham	Capt Lee Holmes	PC Nicholas Spencer	PC Scott Glasscock	
Deployment 5	0735-0836hrs	Benson	Capt James John	Mr Graham Barrell	PC Lucy Creed	
Deployment 6	0831-0944hrs	Redhill	Capt Clive Samuels	PS Paul Sochon	PC Gavin Holmes	
Deployment 7	0943-1108hrs:	Boreham	Capt Lee Holmes	PC Paul Roberts	PC Tony Johnson	
Deployment 8	1109-1224hrs	Redhill	Capt Clive Samuels	PS Paul Sochon	PC Gavin Holmes	
Deployment 9	1223-1407hrs	Boreham	Capt Lee Holmes	PC Paul Roberts	PC Tony Johnson	
Deployment 10	1408-1533hrs	Birmingham	Capt Trevor Tiller	PC Lynne Callaghan	PC Matthew Holder	
Deployment 11	1550-1605hrs	Lippitts Hill	Capt Stuart Bainbridge	PC Lotte Wookey	PC Bradley Franklin	

4. *The role of staff on board the aircraft in any decision making process relating to deployment.*

The deployment decision is made by either the Lippitts Hill or the Ops Centre despatcher (see point 2 above). The staff aboard the aircraft (referred to as crew) can elect not to deploy, on specified grounds of safety or because to do so would breach civil aviation law or regulations, e.g. pertaining to flight duty hours, aircraft flying hours, weather, airspace restrictions or others, as per the NPAS Operations Manual.


NPAS crews can deploy to a different task, should they come across one (for example seeing a fleeing vehicle or major incident, hearing of an incident on the police radio or being contacted by a police force via radio). However, they must ask the Ops Centre for authorisation, which is done verbally to avoid unnecessary delay.

Whilst undertaking a deployment, the crew may be asked to carry out a range of tactics by the local force and will tell the force whether or not the request is something that they can assist with. This is a direct conversation with the local force and does not pass through the Ops Centre. Therefore such tactics will not generally appear in the NPAS Incident Log.





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Deployment 1: NPAS44 on scene 0144-0244hrs

LINKS	Resource Callsign	Aircraft Registration	Base	Crew	Enroute Time	On Scene Time	Off Scene Time	Cleared Time	Time On Task	Total Flight Time	RWD
	NPAS44	G-DCPB	LIPPIITS	(PILOT) 727755, (TFO1) 864MT, (TFO2) 5467MT, (TFO3) 0253MT	14 Jun 2017 0134	14 Jun 2017 0144	14 Jun 2017 0244	14 Jun 2017 0252	01:00:09	01:18:18	No


Related Resources (Officer):

LINKS	Employee Number	Officer Name	Resource Callsign	Enroute Time	On Scene Time	Off Scene Time	Cleared Time	Time On Task	RWD	Position
	727755	BAINBRIDGE STUART	NPAS44	14 Jun 2017 0134	14 Jun 2017 0144	14 Jun 2017 0244	14 Jun 2017 0252	01:00:09	No	PILOT
	864MT	WOOKEY LOTTE	NPAS44	14 Jun 2017 0134	14 Jun 2017 0144	14 Jun 2017 0244	14 Jun 2017 0252	01:00:09	No	TFO1
	5467MT	Barker Colin	NPAS44	14 Jun 2017 0134	14 Jun 2017 0144	14 Jun 2017 0244	14 Jun 2017 0252	01:00:09	No	TFO2
	0253MT	Franklin Bradley	NPAS44	14 Jun 2017 0134	14 Jun 2017 0144	14 Jun 2017 0244	14 Jun 2017 0252	01:00:09	No	TFO3




Related Supplemental Data:

LINKS	Summary Comment
	major FIRE OF TOWER BLOCK 27 FLOORS, OVERVIEW AND COMAND 7 CONTROL TASK ABANDON DUE TO TAIL ROTOR CHIP CAPTION ON AIRCRAFT.


Deployment 2: NPAS13 on scene 0255-0432hrs

LINKS	Resource Callsign	Aircraft Registration	Base	Crew	Enroute Time	On Scene Time	Off Scene Time	Cleared Time	Time On Task	Total Flight Time	RWD
	NPAS13	G-POLF	BOREHAM	(PILOT) 726625, (TFO1) 0521SF, (TFO2) 1191MT	14 Jun 2017 0247	14 Jun 2017 0255	14 Jun 2017 0432	14 Jun 2017 0448	01:36:34	02:01:37	No


Related Resources (Officer):

LINKS	Employee Number	Officer Name	Resource Callsign	Enroute Time	On Scene Time	Off Scene Time	Cleared Time	Time On Task	RWD	Position
	726625	CRISALL DAVID	NPAS13	14 Jun 2017 0247	14 Jun 2017 0255	14 Jun 2017 0432	14 Jun 2017 0448	01:36:34	No	PILOT
	0521SF	SPENCER NICHOLAS	NPAS13	14 Jun 2017 0247	14 Jun 2017 0255	14 Jun 2017 0432	14 Jun 2017 0448	01:36:34	No	TFO1
	1191MT	GLASSCOCK SCOTT	NPAS13	14 Jun 2017 0247	14 Jun 2017 0255	14 Jun 2017 0432	14 Jun 2017 0448	01:36:34	No	TFO2




Related Supplemental Data:

LINKS	Summary Comment
	downlink provided of the fire at the flats to Metpol incident room and London fire brigade, including persons trapped on upper floors. nearby buildings checked and streets where persons were gathering. relieved by another aircraft and resumed to base

Deployment 3: NPAS64 on scene 0430-0610hrs

LINKS	Resource Callsign	Aircraft Registration	Base	Crew	Enroute Time	On Scene Time	Off Scene Time	Cleared Time	Time On Task	Total Flight Time	RWD
	NPAS64	G-EMID	LIPPIITS	(PILOT) 728403, (TFO1) 0468SX, (TFO2) 5467MT	14 Jun 2017 0424	14 Jun 2017 0430	14 Jun 2017 0610	14 Jun 2017 0619	01:40:06	01:55:47	No


Related Resources (Officer):

LINKS	Employee Number	Officer Name	Resource Callsign	Enroute Time	On Scene Time	Off Scene Time	Cleared Time	Time On Task	RWD	Position
	728403	JAYPALAN ROSHAN	NPAS64	14 Jun 2017 0424	14 Jun 2017 0430	14 Jun 2017 0610	14 Jun 2017 0619	01:40:06	No	PILOT
	0468SX	PEARCE MICHELLE	NPAS64	14 Jun 2017 0424	14 Jun 2017 0430	14 Jun 2017 0610	14 Jun 2017 0619	01:40:06	No	TFO1
	5467MT	Barker Colin	NPAS64	14 Jun 2017 0424	14 Jun 2017 0430	14 Jun 2017 0610	14 Jun 2017 0619	01:40:06	No	TFO2




Related Supplemental Data:

LINKS	Summary Comment
	Scene overview of 27 floor tower block fire, off scene and handed over to npas13

Deployment 4: NPAS13 on scene 0612-0735hrs

LINKS	Resource Callsign	Aircraft Registration	Base	Crew	Enroute Time	On Scene Time	Off Scene Time	Cleared Time	Time On Task	Total Flight Time	RWD
	NPAS13	G-POLF	BOREHAM	(PILOT) 727666, (TFO1) 0521SF, (TFO2) 1191MT	14 Jun 2017 0559	14 Jun 2017 0612	14 Jun 2017 0735	14 Jun 2017 0753	01:22:51	01:54:09	No

Related Resources (Officer):

LINKS	Employee Number	Officer Name	Resource Callsign	Enroute Time	On Scene Time	Off Scene Time	Cleared Time	Time On Task	RWD	Position
	727666	HOLMES LEE	NPAS13	14 Jun 2017 0559	14 Jun 2017 0612	14 Jun 2017 0735	14 Jun 2017 0753	01:22:51	No	PILOT
	0521SF	SPENCER NICHOLAS	NPAS13	14 Jun 2017 0559	14 Jun 2017 0612	14 Jun 2017 0735	14 Jun 2017 0753	01:22:51	No	TFO1
	1191MT	GLASSCOCK SCOTT	NPAS13	14 Jun 2017 0559	14 Jun 2017 0612	14 Jun 2017 0735	14 Jun 2017 0753	01:22:51	No	TFO2


Related Supplemental Data:

LINKS	Summary Comment
	took scene over from npas64, downlink provided and search made of all aspects for possible surviving occupants. previously identified occupant from floor 8 on south aspect was monitored awaiting fire rescue attempt before npas16 took scene over and rlb




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Deployment 5: NPAS16 on scene 0735-0836hrs

LINKS	Resource Callsign	Aircraft Registration	Base	Crew	Enroute Time	On Scene Time	Off Scene Time	Cleared Time	Time On Task	Total Flight Time	RWD
	NPAS16	G-TVHB	BENSON	[PILOT] 727684, [TFO1] 727235, [TFO2] 4963TV	14 Jun 2017 0712	14 Jun 2017 0735	14 Jun 2017 0836	14 Jun 2017 0846	01:00:29	01:34:33	No


Related Resources (Officer):

LINKS	Employee Number	Officer Name	Resource Callsign	Enroute Time	On Scene Time	Off Scene Time	Cleared Time	Time On Task	RWD	Position
	727684	JOHN JAMES	NPAS16	14 Jun 2017 0712	14 Jun 2017 0735	14 Jun 2017 0836	14 Jun 2017 0846	01:00:29	No	PILOT
	727235	BARRELL GRAHAM	NPAS16	14 Jun 2017 0712	14 Jun 2017 0735	14 Jun 2017 0836	14 Jun 2017 0846	01:00:29	No	TFO1
	4963TV	CREED LUCY	NPAS16	14 Jun 2017 0712	14 Jun 2017 0735	14 Jun 2017 0836	14 Jun 2017 0846	01:00:29	No	TFO2




Related Supplemental Data:

LINKS	Summary Comment
	downlink provided

Deployment 6: NPAS64 on scene 0831-0944hrs

LINKS	Resource Callsign	Aircraft Registration	Base	Crew	Enroute Time	On Scene Time	Off Scene Time	Cleared Time	Time On Task	Total Flight Time	RWD
	NPAS64	C-EMD	REDHILL	[PILOT] 726628, [TFO1] 10110K, [TFO2] 0522SX	14 Jun 2017 0820	14 Jun 2017 0831	14 Jun 2017 0944	14 Jun 2017 0953	01:13:16	01:32:31	No


Related Resources (Officer):

LINKS	Employee Number	Officer Name	Resource Callsign	Enroute Time	On Scene Time	Off Scene Time	Cleared Time	Time On Task	RWD	Position
	726628	SAMUELS CLIVE	NPAS64	14 Jun 2017 0820	14 Jun 2017 0831	14 Jun 2017 0944	14 Jun 2017 0953	01:13:16	No	PILOT
	10110K	SOCHON PAUL	NPAS64	14 Jun 2017 0820	14 Jun 2017 0831	14 Jun 2017 0944	14 Jun 2017 0953	01:13:16	No	TFO1
	0522SX	HOLMES GAVIN	NPAS64	14 Jun 2017 0820	14 Jun 2017 0831	14 Jun 2017 0944	14 Jun 2017 0953	01:13:16	No	TFO2




Related Supplemental Data:

LINKS	Summary Comment
	NPAS64 were tasked to take over for continuous cover of large fire at Grenfell tower, London, w11. downlink provided and sweep of the main aspects of the building conducted. due to smoke, only the south and eastern aspect of the building could be done in full, partial check of the north and west aspect could be done but camera could not penetrate through dense smoke and thermal not viable due to the heat of the building, tasking from control was to provide downlink for 10 which was done.


Deployment 7: NPAS13 on scene 0943-1108hrs

LINKS	Resource Callsign	Aircraft Registration	Base	Crew	Enroute Time	On Scene Time	Off Scene Time	Cleared Time	Time On Task	Total Flight Time	RWD
	NPAS13	G-POLF	BOREHAM	[PILOT] 727666, [TFO1] 71740E, [TFO2] 12775F	14 Jun 2017 0927	14 Jun 2017 0943	14 Jun 2017 1108	14 Jun 2017 1117	01:25:35	01:49:57	No


Related Resources (Officer):

LINKS	Employee Number	Officer Name	Resource Callsign	Enroute Time	On Scene Time	Off Scene Time	Cleared Time	Time On Task	RWD	Position
	727666	HOLMES LEE	NPAS13	14 Jun 2017 0927	14 Jun 2017 0943	14 Jun 2017 1108	14 Jun 2017 1117	01:25:35	No	PILOT
	71740E	ROBERTS PAUL	NPAS13	14 Jun 2017 0927	14 Jun 2017 0943	14 Jun 2017 1108	14 Jun 2017 1117	01:25:35	No	TFO1
	12775F	JOHNSON TONY	NPAS13	14 Jun 2017 0927	14 Jun 2017 0943	14 Jun 2017 1108	14 Jun 2017 1117	01:25:35	No	TFO2




Related Supplemental Data:

LINKS	Summary Comment
	tasked to provide overview of major incident, images downlinked to CT + LFB

Deployment 8: NPAS64 on scene 1109-1224hrs

LINKS	Resource Callsign	Aircraft Registration	Base	Crew	Enroute Time	On Scene Time	Off Scene Time	Cleared Time	Time On Task	Total Flight Time	RWD
	NPAS64	G-CPAS	REDHILL	[PILOT] 726628, [TFO1] 10110K, [TFO2] 0522SX	14 Jun 2017 1057	14 Jun 2017 1109	14 Jun 2017 1224	14 Jun 2017 1234	01:15:10	01:36:58	No

Related Resources (Officer):

LINKS	Employee Number	Officer Name	Resource Callsign	Enroute Time	On Scene Time	Off Scene Time	Cleared Time	Time On Task	RWD	Position
	726628	SAMUELS CLIVE	NPAS64	14 Jun 2017 1057	14 Jun 2017 1109	14 Jun 2017 1224	14 Jun 2017 1234	01:15:10	No	PILOT
	10110K	SOCHON PAUL	NPAS64	14 Jun 2017 1057	14 Jun 2017 1109	14 Jun 2017 1224	14 Jun 2017 1234	01:15:10	No	TFO1
	0522SX	HOLMES GAVIN	NPAS64	14 Jun 2017 1057	14 Jun 2017 1109	14 Jun 2017 1224	14 Jun 2017 1234	01:15:10	No	TFO2


Related Supplemental Data:

LINKS	Summary Comment
	npas 64 continued the coverage of the large fire, Grenfell tower, London after taking over from npas13. downlink and over view provided, handed over to npas13.




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Deployment 9: NPAS13 on scene 1223-1407hrs

LINKS	Resource Callsign	Aircraft Registration	Base	Crew	Enroute Time	On Scene Time	Off Scene Time	Cleared Time	Time On Task	Total Flight Time	RWD
	NPAS13	G-POLF	BOREHAM	[PILOT] 727666, [TFO1] 71740E, [TFO2] 12775F	14 Jun 2017 1215	14 Jun 2017 1223	14 Jun 2017 1407	14 Jun 2017 1415	01:44:35	02:00:34	No


Related Resources (Officer):

LINKS	Employee Number	Officer Name	Resource Callsign	Enroute Time	On Scene Time	Off Scene Time	Cleared Time	Time On Task	RWD	Position
	727666	HOLMES LEE	NPAS13	14 Jun 2017 1215	14 Jun 2017 1223	14 Jun 2017 1407	14 Jun 2017 1415	01:44:35	No	PILOT
	71740E	ROBERTS PAUL	NPAS13	14 Jun 2017 1215	14 Jun 2017 1223	14 Jun 2017 1407	14 Jun 2017 1415	01:44:35	No	TFO1
	12775F	JOHNSON TONY	NPAS13	14 Jun 2017 1215	14 Jun 2017 1223	14 Jun 2017 1407	14 Jun 2017 1415	01:44:35	No	TFO2




Related Supplemental Data:

LINKS	Summary Comment
	tasked to provide overview of major incident. images downlinked to GT + LFS


Deployment 10: NPAS51 on scene 1408-1533hrs

LINKS	Resource Callsign	Aircraft Registration	Base	Crew	Enroute Time	On Scene Time	Off Scene Time	Cleared Time	Time On Task	Total Flight Time	RWD
	NPAS51	G-POLD	BIRMINGHAM	[PILOT] 726810, [TFO1] 5588YF, [TFO2] 1366ML	14 Jun 2017 1406	14 Jun 2017 1408	14 Jun 2017 1533	14 Jun 2017 1533	01:24:57	01:27:00	No


Related Resources (Officer):

LINKS	Employee Number	Officer Name	Resource Callsign	Enroute Time	On Scene Time	Off Scene Time	Cleared Time	Time On Task	RWD	Position
	726810	TILLER TREVOR	NPAS51	14 Jun 2017 1406	14 Jun 2017 1408	14 Jun 2017 1533	14 Jun 2017 1533	01:24:57	No	PILOT
	5588YF	CALLACHAN LYNNE	NPAS51	14 Jun 2017 1406	14 Jun 2017 1408	14 Jun 2017 1533	14 Jun 2017 1533	01:24:57	No	TFO1
	1366ML	HOLDER MATTHEW	NPAS51	14 Jun 2017 1406	14 Jun 2017 1408	14 Jun 2017 1533	14 Jun 2017 1533	01:24:57	No	TFO2




Related Supplemental Data:

LINKS	Summary Comment
	footage of large flat fire in London. footage downlinked to fire and police.


Deployment 11: NPAS44 on scene 1550-1605hrs

LINKS	Resource Callsign	Aircraft Registration	Base	Crew	Enroute Time	On Scene Time	Off Scene Time	Cleared Time	Time On Task	Total Flight Time	RWD
	NPAS44	G-DCPB	LIPPITTS	[PILOT] 727755, [TFO1] 864MT, [TFO2] 0253MT	14 Jun 2017 1540	14 Jun 2017 1550	14 Jun 2017 1605	14 Jun 2017 1606	00:15:04	00:26:21	No

Related Resources (Officer):

LINKS	Employee Number	Officer Name	Resource Callsign	Enroute Time	On Scene Time	Off Scene Time	Cleared Time	Time On Task	RWD	Position
	727755	BAINBRIDGE STUART	NPAS44	14 Jun 2017 1540	14 Jun 2017 1550	14 Jun 2017 1605	14 Jun 2017 1606	00:15:04	No	PILOT
	864MT	WOOKEY LOTTE	NPAS44	14 Jun 2017 1540	14 Jun 2017 1550	14 Jun 2017 1605	14 Jun 2017 1606	00:15:04	No	TFO1
	0253MT	Franklin Bradley	NPAS44	14 Jun 2017 1540	14 Jun 2017 1550	14 Jun 2017 1605	14 Jun 2017 1606	00:15:04	No	TFO2

Related Supplemental Data:

LINKS	Summary Comment
	Still photographs of scene of major fire

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Actions Undertaken by MPS Control Room Staff attached to NPAS Lippitts Hill

Grenfell Tower Fire - 14th June

Matt Cowley was working when the request for air support was requested by the MPS.

LH Control Room did the following:

- Deployed NPAS London directly to the scene.
- Arranged Benson to provide constant cover.
- Arranged Redhill to cover once NPAS London's aircraft went unserviceable due to technical issues.
- Arranged a TFO from Lippitts to assist Redhill as they were single crewed providing a full complement of crew and local MPS knowledge.
- Liaised with London Fire Brigade in regards to downlink capability and definable quality of product therefore benefiting their decision making process.
- Implemented and managed the Emergency Restriction of Flying.
- Acted as a SPOC for ALL NPAS enquiries (internal and external) linked to the incident.
- Acted as a SPOC for the command team ensuring constant air cover etc.
- Flight following via MPSA2G1 (Due to other radios being in use to control the actual incident).
- Liaised with NPAS Birmingham in order to have better quality imagery produced by the Wescam MX-10 (Spotter) once the pilot of NPAS Boreham had utilised their flying hours.
- Ensured that the welfare of visiting crews and refuelling was conducted.

Sgt David Howell
Base Manager
NPAS Lippitts Hill,

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