

SUPPLEMENTARY INFORMATION FORM

1. Site details

Site Name	Heathrow Car Park	Site Address	Heathrow Terminal 2, Hayes, Hillingdon, London, UB3 5AP
NGR	507488/175960		
Site Ref Number	55972	Site Type ¹	Macro - Rooftop

2. Pre Application Check list

Site selection

Was an LPA mast register used to check for suitable sites by the operator or the LPA?		No
Hillingdon Council does not have a mast register – however relevant site history was checked.		
Was the industry site database checked for suitable sites by the operator?	Yes	
if no explain why – n/a		

Annual roll out consultation with LPA

Date of last annual rollout information/ submission	Autumn 2018
Name of contact	Chief Planning Officer
Summary of outcome/Main issues raised	
n/a	

Pre-application consultation with LPA

Date of written offer of pre-application consultation	25/07/2019
Was there pre-application contact	No
Date of pre-application contact	
Name of contact	
Summary of outcome/Main issues raised	
A letter was sent to the Local Planning Authority on 25 th July 2019 to inform them of the proposal. No responses were received.	

¹ Macro or micro

10 Commitments Consultation

Rating of Site under Traffic Light Model		Green	
Summary of outcome/Main issues raised.			
n/a			

School/College

Location of site in relation to school/college (include name of school/college)
No schools in proximity. Additionally, upgrade is for a cabinet swap only.
Outline of consultation carried out with school/college (if relevant). (include evidence of consultation)
n/a
Summary of outcome/Main issues raised
n/a

Civil Aviation Authority/Secretary of State for the Defence/Aerodrome Operator consultation
(only required for an application for prior approval)

Will the structure be within 3km of an aerodrome or airfield?	Yes
Has the Civil Aviation Authority/Secretary of State for Defence/Aerodrome Operator been notified	Yes – notice sent 10/10/2019
Details of response: No response received to date. Any response received after the submission of this application will be forwarded to the Local Planning Authority.	

Developer's Notice
(only required for an application for prior approval)

Copy of Developer's Notice enclosed	Yes
Date served	Served on 17/10/2019 – delivered by Special Delivery reference AF270723425GB on 18/10/2019

3.0 Proposed Development

The proposed site:
Heathrow Car Park, Heathrow Terminal 2, Hayes, Hillingdon, London, UB3 5AP
The removal and replacement of 4No. existing antennas with 12No. upgraded antennas located on new support poles to be fixed to the existing 'pigpen' steelwork, the removal and replacement of 4No. existing equipment cabinets with 8No. upgraded equipment cabinets located on the plant room rooftop, and ancillary development thereto.

Enclose map showing the cell centre and existing sites within the cell and adjoining cells
Not applicable, upgrade of an existing site.

Type of Structure (e.g. tower, mast, etc):	
Antennas and cabinets on rooftop	
Overall Height: approx. 25.48 metres	
Height of existing building (where applicable)	Approx. 20.25 metres
Equipment Housing (WxDxH)	
MK 5 Link AC	1200 x 600 x 1500mm
3G & PSU	770 x 770 x 2100mm
Unilateral H3G (3x cabs to be installed)	770 x 770 x 2100mm
Unilateral EE (3x cabs to be installed)	770 x 770 x 2100mm
Materials (as applicable)	
Tower/mast etc – type of material and external colour	STEEL - GREY
Equipment housing – type of material and external colour	STEEL – GREY

Reasons for choice of Design
Upgrade of an existing site. Replacement antennas and cabinets will be located on the rooftop alongside the existing equipment.

4.0 Technical information

ICNIRP Declaration attached		
ICNIRP public compliance is determined by mathematical calculation and implemented by careful location of antennas, access restrictions and/or barriers and signage as necessary. Members of the public cannot unknowingly enter areas close to the antennas where exposure may exceed the relevant guidelines.	YES	
When determining compliance the emissions from all		

cellular operators on the site are taken into account.		
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Frequency	GSM 1865.5-1846.5 MHz
Modulation characteristics ²	GMSK & UMTS
Power output (expressed in EIRP in dBW per carrier)	56 dBm
Height of antenna (m above ground level)	24.38 to centre of antennas

5.0 Technical Justification

Enclose predictive coverage plots.

Reason(s) why site required e.g. coverage, upgrade, capacity (map attached if required)
Upgrade of an existing site.

² The modulation method employed in GSM is GMSK (Gaussian Minimum Shift Keying) which is a form of Phase Modulation.

The modulation method employed in UMTS is QPSK (Quad Phase Shift Keying) which is another form of Phase Modulation.

SITE SELECTION PROCESS – ALTERNATIVE SITES CONSIDERED AND NOT CHOSEN

Site ³	Site Name and address	NGR	Reason for not choosing ⁴
N/a upgrade			

If no alternative site options have been investigated, please explain why
n/a upgrade of an existing site

³ ETS - Existing Telecomm site, ES - Existing Structure, RT - Roof Top, GF - Greenfield

⁴ SP - Site Provider, RD - Redevelopment Not Possible, T - Technical Difficulties, P – Planning
O – Other

Additional relevant information

Contact Details

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Address	Norfolk House 7 Norfolk Street Manchester M2 1DW	Email address	victoria.parsons@avisonyoung.com
Signed	<i>V. Parsons</i>	Date	21st October 2019
Position	Planner	Company	Avison Young For and on behalf of Hutchison 3G UK Limited (H3G) & EE Limited