

**SUPPLEMENTARY INFORMATION**

**1. Site Details**

Site Name	<b>Blah Bar</b>	Site Location	<b>Blah Bar 1 Market Hill Barnsley S70 2PU</b>
NGR	<b>434410, 406436</b>		
Site Ref Number	<b>75956</b>	Site Type <sup>1</sup>	<b>Roof Top Upgrade</b>

**2. Pre Application Check list**

Was an LPA mast register used to check for suitable sites by the operator or the LPA?	Yes	
If no explain why		
N/A		
Was the industry site database checked for suitable sites by the operator?	Yes	
If no explain why		
N/A		

**Annual Rollout Consultation with LPA**

Date of last annual rollout information/submission	<b>19/10/05</b>
Name of Contact	<b>David Kennedy</b>
Summary of outcome/Main issues raised	
Not Known	

**Pre-application consultation with LPA**

Date of written offer of pre-application consultation	<b>11/06/08</b>
Was there pre-application contact	Yes
Date of pre-application contact	<b>17/608</b>
Name of Contact	<b>Rachel Pall</b>
Summary of outcome/Main issues raised	
Site is situated with the town Conservation Area but the building is not a Listed Structure.	

<sup>1</sup>Macro or Micro

## Ten Commitments Consultation

Rating of Site under Traffic Light Model	Green		
Outline Consultation carried out			
LPA has been notified.			
Summary of outcome/Main issues raised			
N/A			

## School/College

Location of site in relation to school/college (include name of school/college)	
<b>Nearest primary schools</b>	
	<b>Miles</b>
Hull Collegiate School *	0.11 miles
Kirk Ella St Andrew's Community Primary School	0.68 miles
Hessle Mount School *	0.74 miles
Springhead Primary School	1.07 miles
Anlaby Infant School	1.11 miles
<b>Nearest secondary schools</b>	
	<b>Miles</b>
Hull Collegiate School *	0.11 miles
Wolfeaton School	0.52 miles
Hessle High School	1.10 miles
Sydney Smith School	1.13 miles
Pickering High School Sports College	1.87 miles
<b>Nearest sixth forms</b>	
	<b>Miles</b>
Hull Collegiate School *	0.11 miles
Wolfeaton School	0.52 miles
Hessle High School	1.10 miles
Wyke Sixth Form College	2.99 miles
Cottingham High School	3.40 miles
Outline of consultation carried out with school/college. (include evidence of consultation)	
N/A	
Summary of outcome/Main issues raised	
N/A	

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

Will the structure be within 3km of an aerodrome or airfield?		No
Has the Civil Aviation Authority/Secretary of State for Defence/Aerodrome Operator been notified		No
Details of response		N/A


**Developer's Notice**

Copy of the developer's notice enclosed	Yes	
Date Served	23/06/08	

**3. Proposed Development**

The proposed site

In 2006 Barnsley Council dealt with the planning application to place a replica flag pole on the roof for T Mobile which was approved (Application Number 2005/2124). The site has now been built and in terms of its effectiveness and visual impact it has been a great success. The site now needs to be upgraded so that it can incorporate Hutchinson 3G as well as T Mobile. This will involve the addition of a new small cabinet and a new replica flag pole which is the same height as the one that already exists. Visually from street level there will be no alteration to the site.





Enclose map showing the cell centre and adjoining cells  
Radio coverage points can be emailed to LPA on request.

Type of Structure (e.g. tower, mast, etc)	
Proposed telecommunications upgrade antennae and associated works in the form of a mock flag pole.	
Overall Height	19m
Height of existing building (where applicable)	14m
Equipment Housing	
Length	1300mm & 600mm & 492mm
Width	710mm & 500mm & 560mm
Height	1642mm & 1240mm & 1000mm
Materials (as applicable)	
Tower/mast etc – type of material and external colour	Steel; White
Equipment housing – type of material and external colour	Steel; Grey

Reasons for choice of design
T Mobile have utilised a mock flag pole design which minimises the impact of placing telecommunication equipment on the roof of a sensitive building. The photomontages supplied with this application illustrate how the facility will look and how it blends in with the building surroundings. There are a number of buildings within the Market Hill area of Barnsley Town Centre that have flag poles on the roofs this adds to the validity of T Mobile using this design on Blah Bar

### Technical Information

ICNIRP Declaration attached	Yes	
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.  When determining compliance the emissions from all mobile phone network operators on site are taken into account.		

Frequency	Transmit – 1816.5 – 1846.5 Mhz Received 1721.5 – 1751.5 Mhz
Modulation characteristics <sup>2</sup>	GMSK/QPSK
Power output (expressed in EIRP in dBW per carrier) In order to minimise interference within its own network and with other radio networks, (T Mobile UK Ltd) operates its network in such a way that radio frequency power outputs are kept to the lowest levels commensurate with effective service provision. As part of (T Mobile UK Ltd) network, the radio base station	62dBm

that is the subject of this application will be configured to operate in this way.	
Height of antenna (m above ground level)	19m

#### 4. Technical Justification

Enclose predictive coverage plots.

Reason(s) why site required e.g. coverage, upgrade, capacity (map attached if required)
<b>This site is an upgrade for the existing installation at Blah Bar.</b>

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

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

#### 5. Site selection process – alternative sites considered and not chosen

This is a site share application, thus in line with PPG8 and its emphasis on utilising existing structures and site sharing we have employed the sequential approach and nominated Blah Blah. T Mobile and Hutchinson 3G have not looked to build an additional new site in the area to accommodate the new operator. The sites below where however, discounted as part of the initial process back in 2006 when the site was first submitted to the Council for consideration.

1. Barnsley Technology College – site on Sadler Gate 434390 406560 or site on Eastgate 434400 406720. Several proposals have been put to the college however no response has been received to date.
2. Building adjacent to Central Offices formerly known as CEAG Lighting on Kendray Street and now partly occupied by Barnsley MBC – this forms part of redevelopment – NGR 434760
3. Block of retail units on corner of Eldon St, Queens St which includes McDonalds, Halifax and Burtons – owned by Prudential who is not interested NGR 434500 406360
4. John Rideal House – Social Security Building on Shambles Street– owned by Trillium who are unwilling to permit telecoms on its buildings NGR 434180 406420
5. TEC building adjacent to Central Offices building on Kendray Street. Although the LPA has confirmed that this building does not form part of Barnsley MBC's redevelopment plans confirmation of ownership has not yet been confirmed, the building has been vacant for a number of years and its future remains uncertain. Whilst investigations continue as to its ownership, it is extremely unlikely that a investor/developer will take on the added complication of a telecoms operator until such time as its future is determined. NGR 434690 406390

6. 18 Regent Street – proposal has been made to Barnsley MBC however no response as yet, however there is some uncertainty as to whether Barnsley MBC still owns this building.

7. Sitieshare on Vodafone mast on Interchange Way NGR 434740 406720. Initial feedback from Vodafone is that any application is unlikely to proceed as the land owner is Network Rail, which is not currently dealing with any of the telecom operators. This is an industry wide problem as all of the operators have sites on Network Rail land.

**If no alternative site options have been investigated, please explain why**

**N/A**

Additional Relevant Information

**Please refer to covering letter.**

Contact Details

Name	<b>Damian Hosker</b>	Telephone	<b>0113 275 6854</b>
Operator	T-Mobile (UK) Ltd	Fax No	<b>0113 275 6854</b>
Address	Hatfield Business Park, Hertfordshire, AL10 9BW	Email Address	Caraspace-consulting@tiscali.co.uk
Signed		Date	23/06/08
Position	Planning Consultant	CaraSpace Consulting	T-Mobile (UK) Ltd

<sup>3</sup> ETS - Existing Telecoms site, ES – Existing Structure, RT – Roof Top, GF – Greenfield

<sup>4</sup> SP- Site Provider, RD – Redevelopment Not Possible, T – Technical Difficulties, P- Planning

O - Other