

SUPPLEMENTARY INFORMATION

1. Site details

Site Name	Junction of Westergate Street and Meadow Way	Site Address	Junction of Westergate Street and Meadow Way, Westergate PO20 3QT
NGR	493850, 104870		
Site Ref Number	55830	Site Type	Macro

2. Pre Application Check list

Site selection

Was the mast register of the authority responsible for planning used to check for suitable sites by the operator or the authority?	Yes	
If no explain why -		
Was the industry site database checked for suitable sites by the operator?	Yes	
If no explain why -		

Annual roll out consultation with the authority responsible for planning

Date of last annual rollout information/ submission	October 2006
Name of contact	The Chief Planning Officer
Summary of outcome/Main issues raised None	

Pre-application consultation with the authority responsible for planning

Date of written offer of pre-application consultation	12 March 2007
Was there pre-application contact	No
Date of pre-application contact	N.A
Name of contact	N.A
Summary of outcome/Main issues raised - None raised	

Ten Commitments Consultation

Rating of Site under Traffic Light Model	Green		
Outline Consultation carried out - Local Planning Authority and Aldingbourne Primary School on Westergate Street			
Summary of outcome/Main issues raised - None Raised			

School/College

Location of site in relation to school/college - Less than 150m
Outline of consultation carried out with school/college. - Yes preapplication consultation letter, drawings
Summary of outcome/Main issues raised - None raised

**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 -		

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

Copy of Developer's Notice enclosed	Yes	
Date served	10 th April 2007	

3.0 Proposed Development

The proposed site

Enclose map showing the cell centre and adjoining cells	
A map is enclosed showing the location if the cell, and alternative locations considered. Please see enclosed map	
Type of Structure (e.g. tower, mast, etc):	
Description	
The proposal is for a 12m replica telegraph pole type mast and associated equipment cabinets.	
Overall Height: 12m	
Height of existing building (where applicable)	N/A
Equipment Housing	
	1355x665x1610mm
	1128x570x1330mm
	655x350x1125mm
Materials (as applicable)	
Tower/mast etc – type of material and external colour	Steel covered in plastic brown coating to reflect a telegraph pole
Equipment housing – type of material and external colour	Steel, two are eric green and one is grey
Reasons for choice of design	
To minimise visual impact on the area.	

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. When determining compliance the emissions from all mobile phone network operators on the site are taken into account.	Yes	
Frequency	GSM 1800MHz UMTS 2100 MHz	
Modulation characteristics	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.	

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 operates its network in such a way that radio frequency power outputs are kept to the lowest levels commensurate with effective service provision.	56 dBm
As part of T-Mobile's network, the radio base station that is the subject of this application will be configured to operate in this way.	
Height of antenna (m above ground level)	

5.0 Technical Justification

See enclosed predictive coverage plots.

Reason(s) why site required e.g. coverage, upgrade, capacity
GSM Coverage <i>A mobile phone transmitter is designed to cover a specific area and links its coverage to the next site in the network, creating a patchwork of overlapping coverage 'cells' across the county. So, if a person is on the move, the network will transfer their calls from one site to the next. However, in certain areas there will be gaps between these cells, resulting in a loss of coverage. This can be for a variety of reasons, the most common being topography or buildings which block the path of the signal. The distances between transmitter sites will depend on many factors, including the geography of the area, the number of buildings, the number of people living in the area and the growing demand for mobile services. As a result, the distance between sites can range from less than 1 kilometre in large urban areas to 8 kilometres in rural areas.</i> <i>There is currently inadequate provision of T-Mobile service in this area. In order to rectify this situation and deliver improved coverage to existing customers this new site has been selected to provide the adequate level of service.</i>

6.0 Site selection process – alternative sites considered and not chosen
Enclose map highlighting all alternatives that have been considered by the operator.

Site ⁴	Site Name and address	NGR	Reason for not choosing
GF	Power Tools Factories, Fontwell Avenue (A29) PO20 3RR	494345, 105990	This site was considered for a ground based option however it was discounted as the landlord was not willing to accommodate telecommunications at the premises. It was also out of the coverage area.
GF	SRC Recycling, Fontwell Avenue	494560, 105685	This site was considered for a ground based mast however it was too far north of the preferred coverage area, and therefore was discounted.
RT	The Wilkshead Public House, Nyton Road, PO20 3UG	493900, 105575	This site was considered for a rooftop installation however the roof was found to be unsuitable for the antennae and there was no space for the equipment cabinets associated with the development at ground level. It was also out of the preferred search area.
RT	Westergate Community School, Lime Avenue, PO20 3UE		This school was considered for a rooftop option. The site is in the preferred coverage area, however from our surveys it was determined that a mast of approximately 6m would be needed on the roof of this building to meet the coverage needs. Therefore it was discounted as it was felt that this would be visually intrusive. Although not a material planning reason it was also discounted on the basis that it may cause community concerns.
GF	Nyton House Residential Home, Nyton Road, PO20 3UE	493425, 105630	This site was considered for a ground based mast however it was too far north of the preferred coverage area. The site is also surrounded by tall trees which would inhibit the signal.
GF	Lees Yard, Lidseys Road A29, PO20 3SU	493842, 104115	This site was considered for a ground based option however it was too far south of the preferred coverage area and was therefore discounted.

RT	The Prince of Wales Public House, Lidsey Road, Woodgate, PO20 3ST	493665, 104275	This site was considered for a rooftop option, however it was out of the coverage area.
GF	Nyton Road, Eastergate, PO20 3UN	494045, 105603	This road was considered for a street works type installation but it was too far out of the coverage area and was therefore discounted.
GF	Hill View Farm, Fontwell Avenue, Eastergate, PO20 3UW	494230, 103670	This site was considered for a ground based option however it was too far north of the preferred coverage area and was therefore discounted.

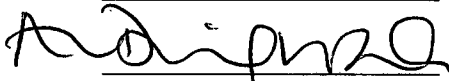
If no alternative site options have been investigated, please explain why

⁴ ETS - Existing Telecomm site, ES - Existing Structure, RT - Roof Top, GF - Greenfield

Additional relevant information

In terms of the justification of the need for the mast, the relevant information has been enclosed in the form of predictive coverage plots for the area based on the installation of this proposal. Further justification can be provided upon request.

Contact Details

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