

**INFORMATION TO ACCOMPANY AN
APPLICATION FOR PRIOR APPROVAL
DETERMINATION UNDER PART 24 OF THE GPDO
IN RESPECT OF PERMITTED DEVELOPMENT BY
TELECOMMUNICATIONS CODE SYSTEM
OPERATOR**

1. PRE-APPLICATION CONSULTATION WITH LOCAL PLANNING AUTHORITY

(i) Licence notification i.e. pre rollout of network Date 28/1/02

Name of LPA contact HEAD OF PLANNING

(ii) On sites in specific cell(s) Date 21/02/02, 27/02/02,
04/03/02, 07/03/02,
11/03/02, 18/03/02,

Name of LPA contact PETER UDY

2A. NAME AND ADDRESS OF APPLICANT

Name AIRWAVE MM02

Address C/O AGENT

Postcode Tel

Contact

2B. AGENT'S NAME, ADDRESS AND CONTACT

Name SMITH WOOLLEY TELECOM

Address CONQUEROR HOUSE, VISION PARK, HISTON, CAMBRIDGE

Postcode CB4 9ZR Tel 01223 209700

Contact GENEVIEVE WYKES

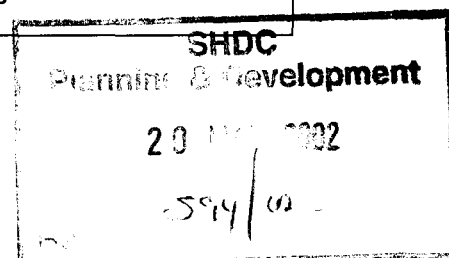
2C. LOCATION OF PROPOSAL

Location FRUITEX STORAGE & DISTRIBUTION, STATION YARD, SPALDING, LINCS,
PE11 4HQ

2D. O.S. SHEET/GRID REFERENCE

Sheet and six figure grid reference of proposed development

Sheet EXPLORER 249 Grid reference 520273, 334965



3. PURPOSE OF DEVELOPMENT

TELECOMMUNICATIONS BASE STATION FOR THE EMERGENCY SERVICES

4. THE PROPOSED STRUCTURE

(i) Type of structure

(e.g. tower, mast etc) **MONOPOLE**

overall height 15 metres

height of existing building/mast N/A metres

(ii) Equipment housing

length 2.74 metres width 2.74 metres height 2.79 metres

(iii) Materials (as applicable)

tower/mast etc:- type of material and external colour

GALVANISED STEEL - GREY

equipment housing:- type of material and external colour

GALVANISED STEEL - GREY

(vi) Location of and distance to nearest residential or commercial property (where applicable):-

THE NEAREST RESIDENTIAL PROPERTY IS APPROXIMATELY 320M AWAY FROM THE PROPOSED SITE LOCATION

5. DISTANCE FROM AIRFIELD OR AERODROME

Please tick as appropriate

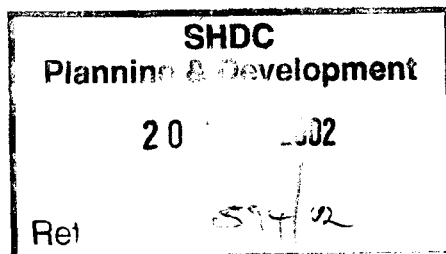
Will the structure be within 3km of an aerodrome or airfield? YES ☐ NO ☒

Has the Civil Aviation Authority or Secretary of State for Defence (as appropriate) been notified? YES ☐ NO ☒

Signed **SMITH WOOLLEY TELECOM**

Date **17 MAY 2002**

On behalf of **AIRWAVE MM02**



Supporting Statement

Airwave mm02 planning application number LIN008
Airwave Service for Lincolnshire Police

This statement aims to assist the Local Planning Authority in considering the enclosed planning application. The application is for the proposed installation of a 15 metre mast, 3 no. "4 stack folded di-pole" antennae, equipment cabin and ancillary development at Fruitex Storage & Distribution, Station Yard, Spalding, Lincs, PE11 4HQ (NGR: 520273, 334965)

For further information please contact:

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2 Background Information

The Airwave service is a modern, dedicated, fully integrated, state-of-the-art, national, digital, mobile radio communications service designed to serve the needs of the police and other public safety organisations. It has been commissioned by the Home Office for all the police forces in England, Wales and Scotland, and will enable police forces to communicate with each other, which is not possible with the current systems in use. It can be used both in-car and on the beat, and offers a large number of significant benefits to its users including:

- digital voice quality, with background noise filtered out
- much faster call connection
- terminals capable of offering simultaneous radio, mobile telephony and data services
- real-time access for officers in the field to local and national databases of information
- encryption, enabling secure communications which cannot be easily scanned or monitored
- more effective use of control room resources when dealing with complex incidents.
- automatic person and vehicle location capability
- simple, one-touch help button to summon immediate assistance
- better coverage, including previously hard to reach spots.

A brochure about the Airwave service is enclosed for information.

3 Proposed Development and Surroundings

The proposed development is a site approximately 1km south of the village of Donnington, which itself is 6km north of Spalding. The proposed development consists of a compound of approximately 10 x 8m in which a 15m monopole together with an equipment cabin of 2.7 x 2.7 x 2.8m high is located. There are two existing telecommunication structures, however

significant development would be required on these structures, after extensive discussions with the Local Planning Officer it was not thought feasible to locate our antennas onto the existing masts. As an increase in the height of the mast would be visually intrusive, therefore it was thought preferable to take advantage of a location where the principal of telecommunications development has already been established. The proposed location is not overlooked by housing and is not in close proximity to residential properties. The site is to be located behind a large warehouse at the back of a storage and distribution truck yard, therefore this site will be screened by the warehouse. General landscape clutter that is in the area, trees and shrubbery. We are not aware of any special land designations affecting this site.

4 Technical Justification

The site required by Lincolnshire Police to help with their consistent coverage requirements across the country. The importance of the site is shown on the three enclosed radio coverage plots which demonstrate how the site will contribute towards full coverage of this area and the potential blackspots where coverage is at an unacceptable level or not achieved.

Any pixels coloured pink or green fall below the radio signal strength and are acceptable to the Lincolnshire Police. All motorways, primary routes Class A, Class B and Class C roads must have full radio coverage. Any green pixels located on the aforementioned roads are unacceptable to Lincolnshire Police due to the deficiencies in the radio coverage provided.

Lincolnshire Police have indicated that they require a minimum level of service within the circle of Donnington of hand-held street level coverage. Therefore the desired level of coverage within these areas should be cerise (pink). However due to the location of the site at Fruitex, coverage is improved to + 5 dB.

All known existing sites surrounding the Fruitex site have been assessed for RF coverage sufficient to provide the hand-held coverage in the areas of Donnington, however Fruitex provided the best technical solution.

The hand-held street level coverage in the areas of Donnington can only be achieved by the inclusion of the site within the immediate vicinity, the site being Fruitex Storage & Distribution.

5 Alternative Sites Analysis

Before selecting the application site, an extensive search for potential sites was conducted and informal discussions were held with planning officers to seek their advice and guidance on the various options. The feasibility of each potential sites was then assessed according to the following criteria:

- operational effectiveness
- build feasibility
- site provider interest
- other planning considerations including community impact and environment

It is as a result of this assessment that the site being applied for has been selected from the following options:

1. Site Share on Either The Existing Masts at Fruitex Storage & Distribution

There are two existing masts at the proposed location, a slimline monopole which would not hold the equipment required. Therefore the mast would require redevelopment into a lattice mast which would result in an increase in height. Similarly the second mast

which is at present a lattice design with two other licensed operators, again would require extensive development in height. Due to the redevelopment required to utilise the existing masts, it was anticipated that redevelopment would affect the visual amenity of the area. After extensive discussions with the Local Planning Officer it was concluded that a new slimline monopole located behind the existing mast would be less intrusive.

2. Mast Share with BT Cellnet Mast at High Street, Donnington

This site is an existing 15m monopole located behind residential dwellings. Following a discussion with the Local Planning Officer it was felt that the development of this site would be unfeasible as this would require the site to be redeveloped into a lattice structure of approximately 20m in height. Due to the exposed nature of the site and the proximity of residential dwellings and public footpaths, it was felt that it was an unfeasible option and the proposed site at Fruitex Storage & Distribution is taken into account.

3. Select Timber Build and Distribution Ltd, Mill Lane, Donnington

The mast was to be located at the rear of the commercial site. The proposed location would be slightly screened by trees and commercial units, however due to the screening available at the height of 8m, a 20m monopole which would have been required in this location for radio coverage reasons would face local opposition by residents as it was in close proximity to residential dwellings. Therefore due to the lack of screening and the close proximity of the village and residential properties in this location. It was felt that Fruitex Storage & Distribution would be more feasible.

4. Donnington Fire Station

We proposed to site the 15m monopole in the small car park, however due to the size of the car park and no existing drill tower to locate the antennas on, the close proximity to the village and the local residential properties it was anticipated that this option was not feasible in comparison to Fruitex Storage & Distribution

Taking all relevant factors into account we believe that the site being applied for is the most favourable option.

6 National Planning Guidance for Telecommunications

PPG8, 'Telecommunications' published in August 2001, is relevant in considering this application. It provides an up to date statement on the views of the Government on telecommunications development and how local planning authorities should deal with the issue of alleged health risks from electromagnetic radiation.

PPG8 (para 98 of the Appendix) states unequivocally the position of the Government that if an installation meets ICNIRP guidelines it should not be necessary for a local planning authority to consider the health aspects further. We confirm (see below) that the installation proposed in this application will comply fully with ICNIRP guidelines.

We enclose with this submission a leaflet providing additional information on the health and safety aspects.

7 Other Planning Guidance

It is our belief that the proposed development is unlikely to have an adverse effect on the surrounding area, but we would readily discuss measures to assist in minimising possible adverse effect.

8 Local Plan Policy

In relation to Paragraphs 8.21 and 8.24 inclusive of the adopted local plan and Police T6 it is felt that the requirements to explore for mast sharing with other operators have been fully explored due to the reasons stated above and the siting and appearance of the proposed installations has been minimised due to the affected views of screening on 3 sides including local mature trees around the large warehouse building. The benefits for improved Police communications and the local community, businesses, individuals and also for the Police themselves, far outweigh the negative impact of an additional installation in the locality.

Following a detailed survey of the site we have established an FEI traffic light rating of "green" for this application proposal (see attached).

9 Summary

As already mentioned, the Airwave Project is an essential service providing a new digital radio communications network, designed to meet the needs of the Police and under other Public Safety Organisations in the 21st century, and in particular to provide effective coverage to Lincolnshire Police throughout the country.

The site located at Fruitex Storage & Distribution Ltd is the preferred option, since it provides adequate coverage in this area. It is not thought that local objection would be a planning issue as it is the only site located further away from the village. Locating a mast here is not thought to adversely affect the visual amenity of the area.

Overall we consider that the proposed development achieves a commendable balance between the operational requirements of the development, and planning and other considerations. In addition, we believe that the potential environmental impact of the development will be far outweighed by the benefits of the proposal in terms of improved public safety, through improve communications for Lincolnshire Police. We therefore hope for a positive determination.