

## Heathrow Radio Approval Application Completion Notification

|                    |                                                                  |                         |                           |
|--------------------|------------------------------------------------------------------|-------------------------|---------------------------|
| Approval Manager:  |                                                                  | Approval Manager Ref.:  |                           |
| ECAP ref.:         | 3505                                                             | RAN Version:            | 1                         |
| Applicant details: | Eleanor Jacques / Waldon Telecom                                 | Owner/operator details: | Telefonica                |
| Airport:           | Heathrow                                                         | Site:                   | Hilton Garden Hotel       |
| Freq. (range):     | 800 + 900 + 1800 + 2100 + 2300 + 3400                            | No. channels:           | 1 + 2 + 2 + 1 + 1 + 2 + 2 |
| Technology:        | LTE800 + LTE900 + UMTS900 + LTE1800 + LTE2100 + LTE2300 + NR3400 | No. antennas:           | 3                         |

### Documents Submitted for Approval:

CTIL\_240257, TEF\_84788 Drawings 10.06.20.pdf  
TEF84788 ECAP Equipment Form v4\_4 Part I - Cellular Installation 020620.....xlsx

### Comments on Application:

### Conditions Attached to Radio Approval:

Heathrow Radio Approvals have no objection to the implementation of your proposal for testing and commissioning purposes only, subject to the following conditions:

- Each antenna shall be labelled clearly and permanently with a unique identifier as follows:

**Antenna 1 with O2-ECAP3505-A1**

**Antenna 2 with O2-ECAP3505-A2**

**Antenna 3 with O2-ECAP3505-A3**

- If the equipment interferes with other systems at the airport then it shall be switched off until the interference has been remedied
- All antennas must be mounted at a height sufficient to ensure that the General Public Level ICNIRP exclusion zone is at least 2m above the roof level for the hotel.
- Heathrow reserves the use of the 2.4GHz ISM band for the use of Common Infrastructure WLAN. Should Heathrow's Common Infrastructure WLAN system be extended to the East Base location, the LTE2300 service must be disabled
- Permanent safety signage shall be mounted as described in Mobile Operators Association document "Radio Frequency Safety Signage At Cellular Base Station".
- A Radio Approvals Notice - Approval for Use of Radiating Equipment must be obtained before this system can be put into operational use. This Notice will be issued once all the Sign-Off requirements stated below have been completed to the satisfaction of Heathrow Radio Approvals.
- Radio Approvals reserve the right to withdraw this approval at any time. In the event that this should happen, the system owner must cease operation of this equipment or secure further approval within 30 days.

NB: This approval notification is from a radio aspect only. There may be a requirement for approval from other departments, therefore overall approval must come from the named approval manager above before implementation can commence.

### Sign-Off Requirements:

- A technical inspection by Heathrow Radio Approvals will not be required.
- The applicant shall give Heathrow at least two weeks advance notice of the date of the completed installation.
- The applicant shall, within 28 days of the completed installation, email the following to radioapprovals@baa.com:
  - as built drawings compliant with Heathrow CAD Standards
  - as built schematics
  - as built ECAP forms
  - digital photos of each antenna and other key equipment in situ, from distances of 1 and 10 metres.

|              |                                                   |       |                |
|--------------|---------------------------------------------------|-------|----------------|
| Approved by: | Tobias Food (SITA Snr Network Solution Developer) | Date: | 28th July 2020 |
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