

<b>Streamlined Forensic Reporting (SFR)</b>		<b>MG 22 C (SFR2)</b>							
<b>EXPERT RESPONSE</b>									
<b>DIG 200 - CELL SITE ANALYSIS FOR GEOLOCATION</b>									
Relates to (person):	Click or tap here to enter text.	Crime/Occ. No:	Click or tap here to enter text.						
Location:	Click or tap here to enter text.	Force Forensic Ref:	Click or tap here to enter text.						
Date of Offence/Incident:	Click or tap here to enter text.	Forensic Provider Ref:	Click or tap here to enter text.						
Other Ref 1:	Click or tap here to enter text.	Other Ref 2:	Click or tap here to enter text.						
Statement provided by:	Click or tap here to enter text.	Organisation:	Click or tap here to enter text.						
Date of Statement:	Click or tap here to enter text.	Annexes Included with this Statement:	<b>Choose from List</b>						
<p><b>Prosecution position:</b> The device using xxxxxxxxx was at 1 New Road, Newtown between 15:47 and 16:34 on 01/01/01.</p> <p><b>Defence Position:</b> The device using xxxxxxx was at 2 Old Street, Newtown between 15:47 and 16:34 on</p> <p><b>Relevant Call Data generated by xxxx during this period:</b></p> <table border="1" style="width:100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr style="background-color: #00a0c0; color: white;"> <th style="width: 45%;">Date/Time</th> <th style="width: 15%;">Type</th> <th style="width: 40%;">(A) Last Cell ID</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">01/01/01 15:47:25-16:34:13</td> <td style="text-align: center;">Data</td> <td style="text-align: center;">7420685</td> </tr> </tbody> </table> <p><b>Interpretation/Opinion</b></p> <p>1. The table above shows that at some point between 15:47:25 and 16:34:13 the device using xxxxx used Cell ID 7420685 for a data session.</p> <p>Figure 1 in the maps section, shows that cell ID 7420685 is situated off the M6 toll road, Newtown. Figure 1 also shows that I measured service of Cell ID 7420685 in an area which included 1 New Road, Newtown. I did not detect service at 1 Old Street, Newtown. The closest detection of service that I did survey was 500 metres away from the location</p> <p>As a result of the above I would expect the call data records of xxxxx if the device using this phone number was located and used at 1 New Road, Newtown at some point between 15:47 and 16:34 on 01/01/01.</p> <p>I would also expect the call data records of xxxxx if the devices using this number was not located and used at 1 New Road, Newtown, but located and used elsewhere in the service area of the cell site used during this period, provided service.</p> <p>I would not expect the call data records of xxxxx if the device using this number located and used at 2 Old Street, Newtown at any point between 15:47 and 16:34 on 01/01/01.</p>				Date/Time	Type	(A) Last Cell ID	01/01/01 15:47:25-16:34:13	Data	7420685
Date/Time	Type	(A) Last Cell ID							
01/01/01 15:47:25-16:34:13	Data	7420685							
<b>Evidence Type Supporting / Technical Information</b>									
<ul style="list-style-type: none"> <li>• Surveys have been performed using xxxxxxxxxx surveying equipment using software number 1.1.1 on 01/01/01</li> </ul>									

**Signature:**

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- Data has been normalised and analysed using xxxxx version 1.1

For further technical information on cell site analysis see [SFRWG Technical Glossary on Cell Site Analysis for Geolocation](#)

### Accreditation Declaration

Sandford Police is not UKAS accredited under FSA-DIG 200.

### Declaration of Compliance with the Code of Practice published by the Statutory Forensic Science Regulator

**FSA-DIG 200** – cell site analysis for geolocation, does not require compliance to the Code of Practice published by the statutory Forensic Science Regulator [issue 1] until 2nd October 2025 therefore there is currently no requirement to declare compliance or non-compliance to the Code.

### Qualifications and Experience

1. Expert's Qualifications & Training – Mr Smith
  - 1.1. **Current Role:** I am currently employed by Sandford Police as a Cell Site specialist. I am also chair of the National Radio Frequency Development User Group.
  - 1.2. **Experience & Previous Work History:** I have 8 years' experience working with analysis of the same for serious and complex investigations, along with conducting Wifi RF surveys and interpreting the data, before preparing reports for court.
 

I have presented geolocation analysis evidence in court.
  - 1.3. **RF Training:** I have completed the following radio frequency-based training courses:
    - Radio Frequency Propagation Surveyor Practitioners course – First Forensics*
    - Radio Frequency Propagation Surveyor and Assessment course – First Forensics*
    - Excel for telecommunications analysis – First Forensics*
    - Radio Frequency Propagation Surveyor introduction to 5G – First Forensics*
    - Wifi theory and practitioners' course – College of Policing*
    - Wifi advanced theory and data analysis course – College of Policing*
    - Interpreting GPRS and Data events – College of Policing*
    - Radio Frequency Propagation Surveyor Theory course – First Forensics*
    - Introduction to 5G millimetre waves – Wray Castle*
    - Radio Frequency Propagation Surveying Standard Operating Procedures – College of Policing*
    - Diploma in telecommunications with specialism in radio engineering – Wray Castle*

**Signature:**

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*2nd Generation Mobile Networks – Wray Castle*

*3rd Generation Mobile Networks – Wray Castle*

*4<sup>th</sup> Generation Mobile Networks – Wray Castle*

*5<sup>th</sup> Generation Mobile Networks – Wray Castle*

*Principles of Mobile Cellular Networks – Wray Castle*

*4 and 5G air interface course – Wray Castle*

*5G Cell planning – Wray Castle*

1.4. **Communications Data Training:** I have completed the following communication data training course:

*GPRS and data interpretation – College of Policing.*

*Data analysis – College of Policing.*

1.5. **Other training:**

*I have received training from the Federal Bureau of Investigation (FBI) Cellular Analysis and Survey Team (CAST) in Washington DC for data analysis, communication data and expert evidence presentation.*

*I have received training in expert witness awareness, presentation and court room skills from the Tactical Solutions Group (TSG).*

*I have received root cause analysis training through the forensic quality team within Sandford Police.*

Criminal Procedure Rules, r 16. 2; Criminal Justice Act 1967, s. 9

Statement of: [Click or tap here to enter text.](#)

This statement (consisting of 4 pages signed by me) is true to the best of my knowledge and belief and I make it knowing that, if it is tendered in evidence, I shall be liable to prosecution if I have wilfully stated in it anything which I know to be false, or do not believe to be true. Where this statement contains expert opinion evidence, I believe that its contents also reflect my obligations to include any relevant matter required by Crim. PR 19.4. I understand and expect that Crim. PR 19.6 will apply, should another party disagree with my conclusions.

<b>Signature:</b>	<b>Date:</b>
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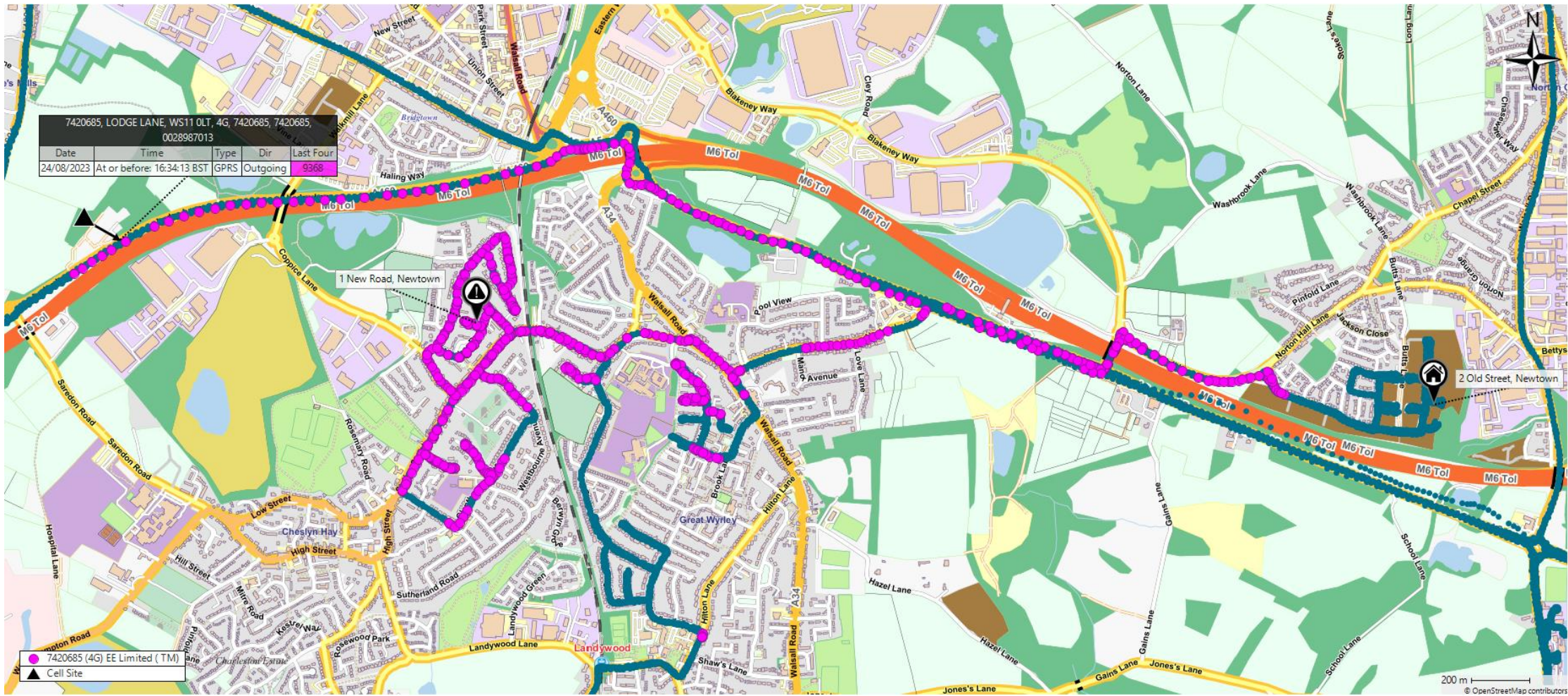


Figure 1: Map showing where Cell ID 7420685 served on the survey route in relation to 1 New Road and 2 Old Street, Newtown.

Signature:

Date: