

ANNEXE A

Duncan Campbell, BA (Oxon), FRSA

1. I am a registered expert witness on electronics, computers, and telecommunications. I have provided expert evidence on scientific and technical forensic matters generally concerned with computers, communications, electronics and electronic equipment in over 150 serious criminal cases since 1979. I have given expert evidence in Crown Courts, Magistrates Courts, in the Queen's Bench Division of the High Court and in the Court of Appeal. I am registered on the Law Society Expert Witness Register and shown as "checked".
2. I was educated in Dundee, Scotland. I received a First Class Honours degree in Physics from Oxford University in 1973. I further trained in Operations Research at the University of Sussex, Brighton during 1974. I have been an author, journalist and consultant since 1975. From 1976 to 1982, I was a consultant on Telecommunications to the Technology Faculty of the Open University and in that capacity wrote a textbook on "The British Telephone System" for the University's Systems Behaviour course (T241). I have written and researched widely on telecommunications and information technology matters. I am a member of the Institute of Telecommunications Professionals (ITP).
4. I was first trained in computer programming in 1968 at age 16. I was taught computer languages and undertook programming in scientific computer languages while at secondary school and attending Oxford University. I have programmed computers in support of my primary activities from 1975 to date. Since 2003 I have carried out computer and computer-based research and forensic investigations as an expert witness. I have also designed specialised computer procedures supporting forensic investigations of digital evidence. I teach computer-based research methods (sometimes called "Computer Assisted Research" (CAR)) as a Visiting Fellow of Bournemouth University and at universities and courses internationally. I first worked as a telecommunications consultant in 1975. I first acted as an expert witness in criminal cases in 1979.
3. In 1998, I was appointed a consultant to the Scientific and Technological Options Assessment (STOA) office of the European Parliament and asked to prepare a report on communications security. The European Parliament published my report, "Interception Capabilities 2000", in April 1999. In January 2001, I provided three further reports on Communications Intelligence to the EP Temporary Committee on the ECHELON interception system. From October 1999 to June 2000, I was a senior research fellow at the Electronic Privacy Information Center, Washington DC. I am a Fellow of the Royal Society of Arts.

4. I regularly lecture to British and overseas universities and have been asked to speak on electronic intelligence and security matters to the Foreign Affairs Committee of the Bundestag (Germany) and to Committees of the Diet (Japan), the Swedish, Danish and Dutch parliaments; and to the intelligence supervisory committee of the Belgian government. I have lectured annually at the International Security Co-operation and other training courses for international military and diplomatic staff conducted by the Geneva Centre for Security Policy. I have lectured internationally on telecommunications at the Ecole Nationale Supérieure des Telecommunications, Paris; the Volksbühne, Berlin; and the Technology University of Belfort-Montbéliard.
5. In the field of computer forensic evidence, I have often received instructions to act in terrorism cases and in cases of making or possessing indecent images of children. Major terrorism cases in which I have been instructed include *R v Bourgass* (the “ricin trial”), *R v Rowe*, *R v Khyam and others* (“the fertiliser plot”) *R v Akbar*, *R v Yahya* (21 July attempted London bombings), *R v Shaffi*, *R v Zafar*, *R v Al-Daour* (“Irhabi/Terrorist 007”), *R v Abu Hamza*, *R v Nassari*, *R v Siddique* (Scotland), *R v Al Faqih*, *R v Feroze*, *R v Gulzar* (alleged airline bombing conspiracy), *R v Patel*, *R v Ditta*, *R v Siddiqui*, *R v Yusuf*, *R v Sulieman*, and *R v Elasmarr*.
6. In matters involving indecent images of children, I have provided evidence or reports in more than 30 cases connected to Operation Ore, and have published articles concerning evidence and methods used in the operation.

ANNEXE B

List of reported Judgments citing expert evidence

1. R v Sayers, Judgment of Mr Justice Brown, Leeds CC, 10 December 2001
2. R v Winters [2008] EWCA Crim 2953; [2008] WLR (D) 387
3. R v Breton [2008] EWCA Crim 2935
4. Clifford v Herts [2008] EWHC 2549
5. Liberty v UK ECHR no 58243/00,
6. Clifford v Herts [2008] EWHC 3154
7. R v Iqbal [2009] EWCA Crim 1627
8. R v Austin & ors, Supreme Court [2009] EWCA Crim 1527
9. Clifford v Herts [2009] EWCA Civ 397
10. Clifford v Herts [2009] EWCA Civ 1259

ANNEXE C : List of cases

Instructed as expert witness on electronics, telecommunications, computer systems, and/or related matters, as follows:

No	Matter	Year	Court	Charges
1	R v Bennett, Mills and others	1979	Central Criminal Court	Conspiracy to cause explosions
2	R v Johnstone	1980	Central Criminal Court	Hoax 999 call
3	R v Watts	1980	Central Criminal Court	Hoax 999 call
4	R v O'Brien	1981	Central Criminal Court	Armed robbery and murder
5	R v Ainger	1982	Central Criminal Court	Hoax 999 call
6	R v Sanchez & Ramirez	1983	Central Criminal Court	Espionage (S1 OSA 1911)
7	R v Middlemast	1984	Croydon Crown Court	Hoax 999 call
8	R v Bartholomew	1985	Southwark Crown Court	Hoax 999 call
9	R v Trump	1985	Central Criminal Court	Armed robberies
10	R v Williams	1986	Inner London Crown Court	Hoax 999 call
11	R v Raja	1989	Southwark Crown Court	Conspiracy to supply Class A drugs
12	R v Effik	1990	Middlesex Crown Court	Sale of drugs
13	R v John & ors	1996	Leeds Magistrates Court	Criminal damage
14	R v Lee & ors	1997	York Crown Court	Criminal damage
15	R v Hanratty & ors	1997	Central Criminal Court	Conspiracy to cause explosions (Provisional IRA)
16	R v Rogers and ors	1997	Portsmouth Crown Court	Conspiracy to cause criminal damage
17	R v Hart	1997	York Crown Court	Criminal damage
18	R v Kebilene & ors	1999	Central Criminal Court	Prevention of Terrorism Acts
19	Prentice & Prentice v McPhilemy & ors	2000	Federal District Court of Washington DC	Libel (allegation that plaintiffs were members of protestant terrorist murder conspiracy)
20	R v James & Wenham	2000	Liverpool Crown Court	Conspiracy to damage a Trident submarine
21	R v Wylde	2000	Central Criminal Court	Official Secrets Act (1989, s4)

22	R v Sayers & ors	2002	Leeds Crown Court	Conspiracy to murder
23	R v Knaggs & ors	2002	Sheffield Crown Court	Conspiracy to supply Class A drugs
24	R v Allsopp & others	2002	Newcastle Crown Court	Conspiracy to supply Class A drugs
25	Liberty v UK	Current	European Court of Human Rights	Breach of convention; re Interception of communications
26	R v Burns & others	2003	Leeds Crown Court	Conspiracy to murder
27	R v Kearney & ors	2003	High Court, Belfast	Conspiracy to cause explosions
28	R v Shepherd	2003	Newcastle Crown Court	Assisting an offender
29	R v Ali	2003	Newcastle Magistrates Court	Threatening phone calls
30	R v Straw	2003	Leeds Crown Court	Rape and kidnap
31	R v Kerry, Watkin, Rowland and others	2003	Maidstone Crown Court	Prevention of Corruption
32	R v Dixon & ors	2003	Newcastle Crown Court	Burglaries
33	R v Jackson	2003	Sheffield Crown Court	Conspiracy to supply Class A drugs
34	R v Nasar & Loxley	2003	Stafford Crown Court	Conspiracy to supply Class A drugs
35	R v SS	2003	Newcastle Crown Court	Making indecent images of children (Operation Ore)
36	R v Shazad	2003	Bradford Crown Court	Arson and murder
37	R v Nazir	2002	Luton Crown Court	Conspiracy to supply Class A drugs
38	R v Dunne & others	2003	Durham Crown Court	Conspiracy to murder
39	R v Wolf	2003	Newcastle Crown Court	Conspiracy to burgle
40	R v Ahmed	2003	Wolverhampton Crown Court	Murder
41	R v Al	2003	Newcastle Crown Court	Sex with a minor
42	R v Vispo	2003	Kingston Crown Court	Conspiracy to supply Class A drugs
43	R v Ramsey	2003	Central Criminal Court	Attempted murder
44	R v Crumbie	2003	Leeds Crown Court	Conspiracy to supply Class A drugs
45	R v Jenkins	2004	Cardiff Crown Court	Conspiracy to supply Class A drugs
46	R V GC	2004	Newcastle Crown Court	Making indecent images of children

47	R v NM	2004	Crawley Magistrates Court	Making indecent images of children
48	R v Gaulston & others	2004	Central Criminal Court	Arson and murder
49	R v Houssein	2004	Birmingham Crown Court	Conspiracy to supply Class A drugs
50	R v Livingstone	2003	Middlesborough Crown Court	Conspiracy to supply Class A drugs
51	R v Sikander & others	2003	Bradford Crown Court	Kidnap and assault
52	R v Crumbie	2003	Leeds Crown Court	Offence not advised
53	R v McKay	2003	Newcastle Crown Court	Murder
54	R v Hanvey	2003	Bedford Crown Court	Rape and assault
55	R v Maybarskan	2003	Southampton Crown Court	Conspiracy to supply Class A drugs
56	R v Mustifa	2003	Southampton Crown Court	Conspiracy to supply Class A drugs
57	Jameel v Wall Street Journal (Europe)	2003	High Court (QB)	Libel (surveillance of bank records)
58	R v SO	2003	Newcastle Crown Court	Making indecent images of children
59	R v Walsh & others	2003	Kingston Crown Court	Conspiracy to cause serious public disorder
60	R v Baria & others	2003	Birmingham Crown Court	Conspiracy to supply Class A drugs
61	R v Jones and Jones	2003	Newcastle Crown Court	Theft (recovery of computer data)
62	R v Gill	2004	Court of Appeal	Murder (appeal)
63	R v Brett	2004	Middlesborough Crown Court	Conspiracy to supply Class A drugs (surveillance)
64	R v Thomas	2004	Liverpool Crown Court	Robbery
65	R v DC	2004	Hartlepool Crown Court	Making indecent images of children (Operation Ore)
66	R v GW	2004	Hartlepool Crown Court	Making indecent images of children (Operation Ore)
67	R v Powell & others	2004	Woolwich Crown Court	Conspiracy to supply Class A drugs
68	R v C	2004	Durham Crown Court	Sexual offences (child)
69	R v Patterson	2004	Gateshead Magistrates Court	Stolen goods
70	R v Swindon & Conway	2004	Bradford Crown Court	"Ram raid" thefts
71	R v Khachik & others	2004	Court of Appeal	Conspiracy to supply Class A drugs (appeal)

72	Davies v Commissioner	2004	High Court	False arrest (civil action)
73	R v O'Hagan	2005	High Court Belfast	Prevention of Terrorism Act
74	R v Pickering	2004	Middlesborough Crown Court	Conspiracy to supply Class A drugs (surveillance)
75	Al Rahji Bank v Wall Street Journal	2004	High Court (QB)	Libel (re bank accounts used for Al Qaeda Terrorism)
76	R v Curry	2004	Newcastle Crown Court	Harassment (appeal)
77	R v Waite & others	2004	Leeds Crown Court	Armed Robbery
78	R v JC	2005	St Albans Crown Court	Making indecent images of children (Operation Ore)
79	R v SR	2007	Stafford Crown Court	Making indecent images of children (Operation Ore)
80	R v Ciaran Kearney	2005	High Court, Belfast	Theft and Terrorism (Stormont)
81	R v J	2004	Norwich Crown Court	Making indecent images of children
82	R v Bourgass & ors	2005	Central Criminal Court	Terrorism
83	R v CS	2005	Norwich Crown Court	Making indecent images of children (Operation Ore)
84	R v Austin & ors	2006	Winchester Crown Court	Conspiracy to import class A drugs
86	R v SB	2008	Court of Appeal	Appeal (Operation Ore)
87	R v DM	2005	Leicester Crown Court	Making indecent images of children (Operation Ore)
88	R v Shergold and Iddon	2005	Preston Crown Court	Conspiracy to murder
89	R v Mullan	2005	Leeds Crown Court	Distribution of class A drugs
90	R v Shan, Dad and Ors	2005	Newcastle Magistrates Court	Assault and wounding
91	R v Fox & ors	2005	Woolwich Crown Court	Armed robbery
92	R v Rowe	2005	Central Criminal Court	Terrorism
93	R v MT	Current	Stafford Crown Court	Making indecent images of children (Operation Ore)
94	R v NH	2005	Norwich Crown Court	Making indecent images of children (Operation Ore)
95	R v Curran	2006	Southwark Crown Court	Fraud
96	R v DW	2006	St Albans Crown Court	Making indecent images of children (Operation Ore)
97	R v MD	2006	Norwich Crown Court	Making indecent images of children

98	R v DG	2006	Birmingham Crown Court	Making indecent images of children (Operation Ore)
99	R v Garcia and others	2007	Central Criminal Court	Terrorism
100	R v PH	Current	Birmingham Crown Court	Making indecent images of children (Operation Ore)
101	R v GK	2006	Middlesborough Crown Court	Making indecent images of children
102	R v GP	2006	Lewes Crown Court	Making indecent images of children
103	R v JF	Current	Belfast Crown Court	Making indecent images of children (Operation Ore)
104	R v Hoey	2007	Belfast Crown Court	Terrorism
105	R v SK	2007	Newry Crown Court	Making indecent images of children (Operation Ore)
106	R v GO	2006	Newry Crown Court	Making indecent images of children (Operation Ore)
107	R v MM	Current	Newry Crown Court	Making indecent images of children (Operation Ore)
108	R v SB	Current	Court of Appeal	Appeal (Operation Ore)
109	R v Kent Police <i>ex parte A</i>	2006	High Court	Judicial Review (Operation Ore)
110	R v Akbar	2006	Central Criminal Court	Terrorism
111	R v Kahar	2006	Central Criminal Court	Terrorism
112	R v Somers	2006	Belfast Crown Court	Murder
113	R v Yahya	2007	Central Criminal Court	Terrorism
114	R v Iqbal	2007	Birmingham Crown Court	Attempted murder
115	R v Davies	Current	Manchester Crown Court	Distribution of class A drugs, concealment of profits
116	R v Shaffi	2007	Central Criminal Court	Terrorism
117	JC v Bedfordshire Police	2011	High Court	Wrongful arrest (Operation Ore)
118	R v DM	2009	Newry Crown Court	Making indecent images of children (Operation Ore)
119	R v Harriman	2006	Hartlepool Crown Court	Theft
120	R v McEvoy	2007	Belfast Magistrates Court	Robbery (Irish Bank) and Kidnap
121	R v MD	2010	Lewes Crown Court	Making indecent images of children
122	R v Zafar	2007	Central Criminal Court	Terrorism
123	R v Al-Daour	2007	Central Criminal Court	Terrorism

124	R v Barker	2006	Leeds Crown Court	Corruption in public office
125	R v Sikander	Current	Court of Appeal	Appeal (kidnap and assault)
126	R v Abu Hamza	2006	Central Criminal Court	Terrorism
127	R v Iwegbu	2006	Central Criminal Court	Murder
128	R v Lindo	2006	Central Criminal Court	Murder
129	R v Nassari	2007	Central Criminal Court	Terrorism
130	R v Siddique	2007	High Court, Glasgow	Terrorism
131	R v Al Faqih	2007	Birmingham Crown Court	Terrorism
132	R v Ashgar	2007	Central Criminal Court	Attempted murder
133	R v Feroze	2007	Woolwich Crown Court	Terrorism
134	R v Crossan	2007	Belfast Crown Court	Kidnapping / extortion
135	R v DC	2007	Teesside Crown Court	Making indecent images of children (incitement)
136	R v MM	2008	Antrim Crown Court	Making indecent images of children (Operation Ore)
137	R v Brown	2008	Manchester Crown Court	Fraud
138	GMC v AE	2008	GMC Fitness to Practice Panel	Making indecent images of children (Operation Ore)
139	R v Tarmohamed	2007	Woolwich Crown Court	Terrorism
140	R v Gulzar	2008	Woolwich Crown Court	Terrorism
141	R v TM	2008	Bedford Crown Court	Making indecent images of children
142	R v John and Boyce	2007	Harrogate Magistrates Court	Unlawful trespass
143	R V Zaitschek	2008	Belfast Crown Court	Extradition
144	R v McRory	2007	Belfast Crown Court	Kidnapping and robbery
145	R v Sikander	2003	Court of Appeal	Appeal (Kidnap and assault)
146	R v Iqbal	2009	Court of Appeal	Attempted murder (appeal)
147	R v Patel	2008	Central Criminal Court	Terrorism
148	R v Ditta	2008	Woolwich Crown Court	Terrorism

149	R v Sulieman	2008	Blackfriars Crown Court	Terrorism
150	State v JC	2007	Nenagh District Court (Eire)	Making indecent images of children (Operation Amethyst)
151	R v RH	2008	Teesside Crown Court	Making indecent images of children
152	R v Chenery-Wickens	2009	Lewes Crown Court	Murder
153	R v Siddiqui	2009	Central Criminal Court	Terrorism
154	R v Elasmarr	2009	Birmingham Crown Court	Terrorism
155	R v W	2009	Dewsbury Magistrates Court	Making indecent images of children
156	R v TR	2009	Lewes Crown Court	Making indecent images of children
157	A v Kent Police	2009	High Court	Wrongful arrest (Operation Ore)
158	R v Haji	2008	Manchester Crown Court	Terrorism
159	PY v Devon and Cornwall Police	Current	High Court	Malicious prosecution (Operation Ore)
160	County Autocall v Williams	2009	Brighton County Court	Civil action
162	R v Yusuf	2009	Blackfriars Crown Court	Terrorism
163	R v Thomas	2010	Central Criminal Court	Attempted murder
164	R v Nadeem & ors	2009	Central Criminal Court	Terrorism
165	R v W	2009	Kingston Crown Court	Grooming a minor
166	R v Craig	Current	Belfast Crown Court	Arson
167	R v De Silva	2009	Central Criminal Court	Murder
168	Mardas v IHT	2010	High Court (QBD)	Libel
168	State v Eccles	2010	State of Jersey	Indecent assault
169	R v Randall	2010	Leeds Crown Court	GBH
170	R v Kanmi	2010	Preston Crown Court	Terrorism
171	R V CS	2010	Kingston Crown Court	Making indecent images of children
172	R v NO	Current	Canterbury Crown Court	Making indecent images of children (Operation Sledgehammer)

173	US v Khan	2011	Federal Court NYC	Terrorism
174	R v Karim	2011	Woolwich Crown Court	Terrorism
175	R v PO	Current	Chester Crown Court	Making indecent images of children (Operation Sledgehammer)
176	R v Belle	Current	Luton Crown Court	Supply of firearms
177	R v MD	Current	Southwark Crown Court	Making indecent images of children
178	R v GMD	Current	Croydon Crown Court	Making indecent images of children