

## MARCONI COMMUNICATIONS PROJECTS

|    | Year | Type | System description                  | Owner          | Project Manager   | Comments   |
|----|------|------|-------------------------------------|----------------|---|--|
| 1  |      |      | Bill's war                          | Bill Barbone   |   | Text sent to David Samways   |
| 2  | 1960 | M    | USAF Microwave communicationssystem | David Samways  |   | Already on Communications Wiki   |
| 3  | 1960 | V    | Nigerian VHF Communications system  | David Samways  |   | Already on Communications Wiki   |
| 4  |      |      |                                     | Ken Manser     |   | CENTO, Turkey to Pakistan/Iran, may not have been Marconi  |
| 5  |      | T    | Ace High Tropo for NATO             |                |   | did we do this?  |
| 6  |      | T    | Ace High Refurbishment              | Brian Skingley | Ron Geary?  | I remember that after the system was installed that we discovered a bug! We had to produce solid state switches which were a first at that time.       |
| 7  |      | M    | Norway Sweden Microwave Link - 2GHz | Brian Skingley | Ron Geary ?   | I remember working on the 2GHz filters designed by Steve Gerard and implemented by me - these were 4 cavity 2GHZ filters and every one was different   |
| 8  |      | M    | Bristol Plymouth Microwave Link     | Brian Skingley | Dave Bolwell?   | I used to pinch Dave's car as we rushed around the Devonian contryside   |
| 9  |      | T    | Home grown Tropo                    | Brian Skingley | Design & Development  |  |
| 10 |      | T    | North Sea Oil - Tropo               | Brian Skingley | Various   | BP (Forties Alpha and Charlie - Shore end at Brimmond Hill near Aberdeen); Marathon; .....2 Terminals, one N of Mormond Hil, the other at Scousborough |
| 11 |      | T    | North Sea Oil - Tropo               | Brian Skingley | Ekofisk to Emden;<br>Pipeline support                                       |  |
| 12 |      | T    | Malaysia - Indonesia Tropo          | Brian Skingley | Dick Walker   |  |
| 13 |      |      | UK to BFG TV for the Forces         | Brian Skingley | Peter Ridgers   |  |
| 14 |      |      | North Sea Oil from. Middlesborough. | Brian Skingley |   | who on earth was involved in this? Phillips bought me on the basi that I was right and their team was wrong!   |
| 15 |      |      | Tactrop - first thoughts            | Brian Skingley | Eric Scales   | There are pictures somewhere , of Eric doing his damndest to dig the holes for the :tent pegs' to hold up the antennae                                 |
| 16 |      |      | Network SA Tropo and Microwave      | Brian Skingley | Keith Lonsdale? Dcsd.<br>Who else was involved.<br>Quite an army of people. | I was involved with the development. The Angle Diversity Antenne feeds etc   |
| 17 |      |      | BFG TV                              | Brian Skingley | Peter Ridgers   | John Hayter  |
| 18 |      |      | Satcom, various                     |                | Rodney Braine, Medi<br>Nouri  |  |
| 19 |      |      | DOR                                 | Brian Skingley |   | Defence Operating Rooms  |

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| 20 |      |      | Oman. Al Hud Hud                                   | Brian Skingley   | Chris Field                          | failed after signature!! Yes but they then ordered TACDROP                                       |
| 21 |      |      | Malaysia   | Brian Skingley   | Tilak dcsd. Mike Stears, Geoff White |  |
| 22 |      |      | xx via Yugoslavia                                  | Brian Skingley   |                                      | Did not happen; but oh the efforts and the manhours flying backwards and forwards to Yugoslavia! |
| 23 |      |      |  | Brian Skingley   |                                      |  |
| 24 |      |      | MoD Defence networks UK                            | Brian Skingley ? |                                      | Did not happen as an Implemented Project; name was BOXER. GEC won that I recall                  |
| 25 |      |      | BFGTV  | Brian Skingley   | Peter Ridgers                        |  |
| 26 |      | S    | SCAT ( Satellite Communications Air Transportable) |                  |                                      |  |
| 27 |      |      | Apollo ( Downrange communications for NASA)        |                  |                                      |  |
| 28 |      |      | Goonhilly 1  | Terry Canham     |                                      | MCSL didn't do this. We started with G2  |
| 29 |      |      | Goonhilly 2  | Terry Canham     | Dickie Muir (dcd) as PM              |  |
| 30 |      |      | GoonHilly 3  | Terry Canham     |                                      | Intelsat Standard A, 32m, Marconi, C Band  |
| 31 |      |      | Goonhilly 4  | Terry Canham     |                                      | Intelsat Standard C, 11m, Marconi, Ku Band   |
| 32 |      |      | Goonhilly 5  | Terry Canham     |                                      | Inmarsat, 15m?, TIW (US)   |
| 33 |      |      | Madley 1   | Terry Canham     |                                      | Intelsat Standard A, 32m, Mitsubishi, C Band   |
| 34 |      |      | Madley 2   | Terry Canham     |                                      |  |
| 35 |      |      | Madley 3   | Terry Canham     |                                      |  |
| 36 |      |      | Madley 4   | Terry Canham     |                                      |  |
| 37 |      |      | Madley 5   | Terry Canham     |                                      |  |
| 38 |      |      | London 1   | Terry Canham     |                                      | Intelsat Standard C, Ku Band   |
| 39 |      |      | London 2   | Terry Canham     |                                      |  |
| 40 |      |      | Falklands ( C&W)                                   | Terry Canham     |                                      |  |
| 41 |      |      | Hong Kong 1  | Terry Canham     |                                      | Intelsat Standard A, 30m, Marconi, C Band  |
| 42 |      |      | Hong Kong 2  | Terry Canham     |                                      | Intelsat Standard A, 32m, Marconi, C Band  |
| 43 |      |      | Hong Kong 3  | Terry Canham     |                                      |  |
| 44 |      |      | Hong Kong 4  | Terry Canham     |                                      |  |
| 45 |      |      | Hong Kong 5  | Terry Canham     |                                      |  |
| 46 |      |      | Fiji   | Terry Canham     |                                      |  |
| 47 |      |      | Bahrein  | Terry Canham     |                                      | Intelsat Standard A, 30m, Marconi, C Band  |

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| 48 |      |      | East Africa Rift Valley   | Terry Canham |                 | Intelsat Standard A, 32m, Marconi, C Band           |
| 49 |      |      | Trinidad  | Terry Canham |                 | Intelsat Standard A, 32m, Marconi, C Band           |
| 50 |      |      | Barbados  | Terry Canham |                 | Intelsat Standard A, 32m, Marconi, C Band           |
| 51 |      |      | Jamaica   | Terry Canham |                 | Intelsat Standard A, 32m, Marconi, C Band           |
| 52 |      |      | Nepal   | Terry Canham |                 | Intelsat Standard B, 11m, Marconi                   |
| 53 |      |      | Villa Franca, European data Network. ESA.                               | Terry Canham | Dave Smith??    | ESA Data Terminal, 3m, Marconi, Ku Band             |
| 54 |      |      | Oxford 1  | Terry Canham |                 |   |
| 55 |      |      | Oxford 2  | Terry Canham |                 |   |
| 56 |      |      | 5 Km Radio Telescope Cambridge Mullard Observatory                      | Roger Dace   | TC on site      | 8 antenna interferometer, Marconi. Bruce Buckley PM |
| 57 |      |      | Inmarsat ship terminals   |              |                 | Did this go to MIMCo after development?             |
| 58 | 1961 | I    | Ionospheric scatter system between Isle of Wight and Malta for the RAF  | Hugh Kendall |                 |   |
| 59 | 1964 | M    | Microwave system for NATO Norway for radar from Trondheim               | Hugh Kendall |                 |   |
| 60 | 1967 | T    | Thin Line tropo for Jamaica / Cayman                                    | Hugh Kendall |                 |   |
| 61 | 1969 | T    | 10Kw tropo for Trinidad / Guyana  | Hugh Kendall |                 |   |
| 62 | 1969 | T    | Tropo for Germany, Bernet, Berlin/Hanover                               | Hugh Kendall |                 |   |
| 63 | 1969 | T    | Ace High relocation Dosso dei Galli / Feidberg                          | Hugh Kendall |                 |   |
| 64 | 1970 | T    | 10Kw tropo Malaysia. Johor Bahru - Kucking                              | Hugh Kendall |                 |   |
| 65 | 1970 | T    | Saudi Arabia Air Force  | Hugh Kendall |                 |   |
| 66 | 1972 | T    | 1 Kw tropo Egypt & Sudan, Aswan - Wadi Halfa                            | Hugh Kendall |                 |   |
| 67 | 1974 | T    | East Africa, Entebbe/Mwanza/Dodoma refurbishment                        | Hugh Kendall |                 |   |
| 68 | 1975 | ?    | Dubai, Jebel earth station  | Hugh Kendall |                 |   |
| 69 | 1977 | T    | Oman tropo, Seeb/Fahud/Thumrait   | Hugh Kendall |                 |   |
| 70 | 1979 | T    | Dubai tropo, Dugas and offshore Fateh Field                             | Hugh Kendall |                 |   |
| 71 | 1980 | T    | Mormond Hill, offshore tropo  | Hugh Kendall |                 |   |
| 72 | 1981 | T    | Mormond Hill, offshore tropo  | Hugh Kendall |                 |   |
| 73 | 1981 | T    | East West Malaysia tropo. Probably replacement of the 1970 instalation. | Hugh Kendall |                 |   |

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| 74 | 1982 | ?    | Goonhilly 4  | Hugh Kendall |                 | Referred to earlier by Terry Canman |
| 75 | 1982 | S    | Oman - Masirah BERS. Receive only satellite station. | Hugh Kendall |                 |                                     |
| 76 | 1986 | T    | Frigg Q.P. North Sea tropo                           | Hugh Kendall |                 |                                     |
| 77 | 1986 | T    | Trinidad, Guyana tropo upgrade                       | Hugh Kendall |                 |                                     |
| 78 | 1988 | T    | Bouri Libya offshore - triple diversity tropo        | Hugh Kendall |                 |                                     |