

Anglo-Saxon communication networks

Keith Briggs keith.briggs@bt.com

Mobility Research Centre, BT Innovate

<http://keithbriggs.info>



WIDOH 2008-12-01 14:00

Post Office Towers



Shuttle Radar Topography Mission

41 140 139 138 139 139 139 138 136 135 137 137 136 135 134 136
136 135 135 135 135 136 136 136 135 136 136 137 136 136 136
136 137 137 136 136 136 135 134 133 133 132 129 127 126 127
128 129 131 132 132 131 131 129 129 129 128 127 127 129 130
131 130 131 131 131 131 129 128 130 129 127 125 126 126 128
128 127 127 127 127 126 126 125 124 124 124 123 121 119 118
121 122 124 124 123 123 122 121 120 117 115 114 115 113 115
123 122 121 123 123 123 124 124 125 124 124 125 124 123 124
124 123 123 124 123 123 122 122 124 123 122 122 121 122 120
120 121 120 121 122 122 120 119 119 117 116 116 117 117 115
114 114 114 113 112 111 110 110 110 108 107 108 108 109 108
109 109 109 107 108 108 106 107 107 107 106 106 107 106 106
104 104 103 103 101 99 98 98 98 98 96 96 97 98 99 99 97 97 92
86 83 77 76 76 73 74 77 78 78 77 74 68 68 66 64 61 61 61 65 67
68 67 64 64 64 63 62 63 63 64 64 67 68 70 72 74 73 73 73 71 73
77 77 75 74 71 69 68 66 64 61 58 57 56 59 58 53 49 48 49 49 49
52 52 52 51 52 55 57 59 62 63 64 62 61 60 58 54 50 45 42 39 40
41 39 39 37 37 39 40 40 40 42 44 46 46 47 47 50 50 50 51 55 55

SRTM data transformation

$$x = (\nu + H) \cos \phi \cos \lambda$$

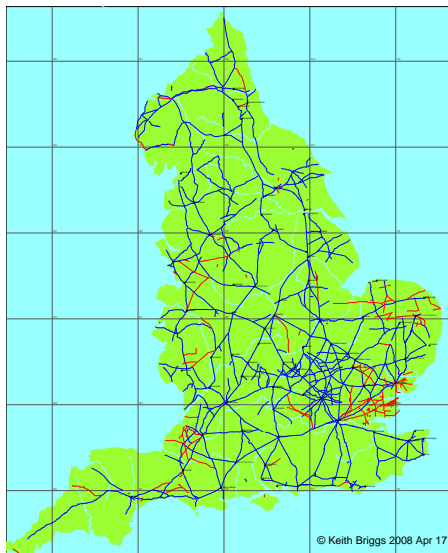
$$y = (\nu + H) \cos \phi \sin \lambda$$

$$z = ((1 - e^2)\nu + H) \sin \phi$$

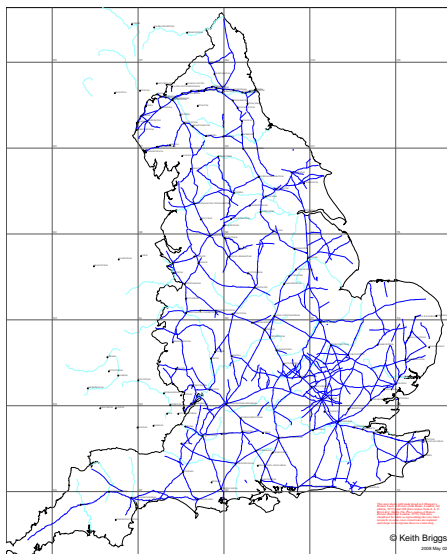
$$e^2 = 6.6705397616 \times 10^{-3}$$

$$\nu = 6.391050626 \times 10^6$$

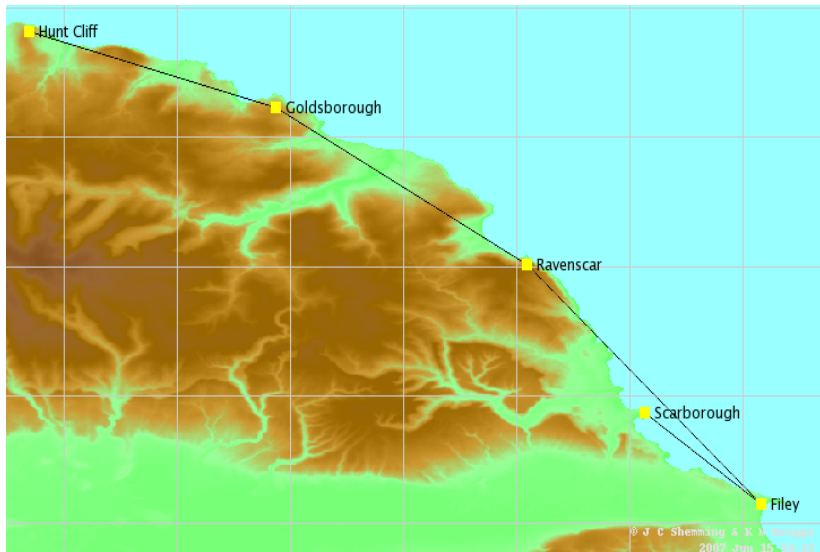
Roman roads



Roman roads



Roman networks



Anglo-Saxon networks

