

# Summits on the Air Northern Ireland (GI)

## Association Reference Manual



Document Reference	S5.1
Issue number	2.0
Date of issue	13-July-2012
Participation start date	13-July-2002

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<b>Summits-on-the-Air</b>	<b>an original concept by G3WGV and developed with G3CWI</b>	

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## Table of contents

<b>1</b>	<b>CHANGE CONTROL.....</b>	<b>3</b>
<b>2</b>	<b>ASSOCIATION REFERENCE DATA.....</b>	<b>4</b>
2.1	PROGRAMME DERIVATION.....	4
2.2	GENERAL INFORMATION .....	5
2.3	RIGHTS OF WAY AND ACCESS ISSUES.....	5
2.3.1	<i>The Northern Ireland Country Code.....</i>	<i>6</i>
2.4	MAPS AND NAVIGATION .....	7
2.5	GRID REFERENCE SYSTEM USED .....	7
2.6	SAFETY CONSIDERATIONS .....	7
<b>3</b>	<b>SUMMIT REFERENCE DATA.....</b>	<b>8</b>
3.1	REGION REFERENCE – COUNTY ARMAGH.....	8
3.1.1	<i>Regional notes .....</i>	<i>8</i>
3.1.2	<i>Table of summits.....</i>	<i>8</i>
3.2	REGION REFERENCE – MOURNE MOUNTAINS .....	9
3.2.1	<i>Regional notes .....</i>	<i>9</i>
3.2.2	<i>Table of summits.....</i>	<i>10</i>
3.3	REGION REFERENCE – ANTRIM HILLS.....	11
3.3.1	<i>Regional notes .....</i>	<i>11</i>
3.3.2	<i>Table of summits.....</i>	<i>11</i>
3.4	REGION REFERENCE – SOUTH WEST .....	12
3.4.1	<i>Regional notes .....</i>	<i>12</i>
3.4.2	<i>Table of summits.....</i>	<i>12</i>
3.5	REGION REFERENCE – SPERRIN MOUNTAINS .....	13
3.5.1	<i>Regional notes .....</i>	<i>13</i>
3.5.2	<i>Table of summits.....</i>	<i>13</i>

## 1 Change Control

Date	Version	Details
13-Jul-02	1.0	First formal issue of this document
13-Jul-12	2.0	<p>Association Reference Manual updated with the latest height, grid reference and name data. One Marilyn removed. Information sourced from the list of Marilyns in GI on the Hills Database <a href="http://www.hills-database.co.uk/">http://www.hills-database.co.uk/</a>.</p> <p>Amendments as follows:</p> <p>GI/CA-001 – Changed height from 573m (1880ft) to 576m (1890ft).</p> <p>GI/CA-003 – Changed height from 364m (1194ft) to 365m (1198ft) and grid reference from H 903321 to H 903320.</p> <p>GI/CA-004 – Changed grid reference from J 001163 to J 002164.</p> <p>GI/CA-005 – Changed height from 264m (866ft) to 263m (863ft).</p> <p>GI/MM-001 – Changed grid reference from J 358276 to J 357276.</p> <p>GI/MM-007 – Changed grid reference from J 281250 to J 281249.</p> <p>GI/MM-012 – Changed grid reference from J 298229 to J 299230.</p> <p>GI/MM-014 – Changed height from 305m (1001ft) to 306m (1004ft).</p> <p>GI/MM-015 – Change name from Tullynasoo Mountain to Slievenalargy.</p> <p>GI/MM-016 – This hill is no longer a Marilyn.</p> <p>GI/AH-001 – Changed grid reference from D 179236 to D 179235.</p> <p>GI/AH-007 – Changed grid reference from D 221054 to D 221053.</p> <p>GI/AH-009 – Changed name from Tobernavreen Hill to Carnearny.</p> <p>GI/AH-010 – Changed name from Carn Hill to Slievetrue and height from 310m (1017ft) to 312m (1024ft).</p> <p>GI/SW-003 – Changed name from Reyfad to Tullybrack.</p> <p>GI/SW-004 – Changed grid reference from H 524436 to H 523436.</p> <p>GI/SW-007 – Changed height from 316m (1037ft) to 317m (1040ft) and grid reference from H 349528 to H 349527.</p> <p>GI/SW-009 – Changed name from Forster's Mountain to Mullaghcroy.</p> <p>GI/SM-001 – Changed grid reference from H 618972 to H 617973.</p> <p>GI/SM-011 – Changed height from 407m (1336ft) to 407m 1335ft.</p> <p>GI/SM-023 – Changed name from Corrody Hill to Clondermot Hill.</p> <p>Regional Reference “Valid from” dates corrected i.e. 12-Jul-02 to 13-Jul-02 and References(s) updated to the Hills Database.</p> <p>A big thanks to Jimmy Read 2E0EYP for the research and updated data information.</p>

## 2 Association Reference Data

Association	Northern Ireland (GI)
Commencement date	13 July 2002
Regions	County Armagh (CA-xxx) Mourne Mountains (MM-xxx) Antrim Hills (AH-xxx) South West (SW-xxx) Sperrin Mountains (SM-xxx)
Association parameters <sup>1</sup>	
Summit operation criteria	Operation must be within 25m vertically of the summit
Band 1, score 1 point	<400m ASL
Band 2, score 2 points	>=400m ASL, <500m ASL
Band 3, score 4 points	>=500m ASL, <600m ASL
Band 4, score 6 points	>=600m ASL, <700m ASL
Band 5, score 8 points	>=700m ASL, <800m ASL
Band 6, score 10 points	>=800m
Seasonal bonus	Yes
Bonus rationale	Winter period with highest probability of sub-zero temperatures
Min. height for bonus	500m
Bonus period dates	1 December to 15 March inclusive
Association sponsored awards	None
Association Manager	Colin Williamson, GI0RQK <a href="mailto:colin_williamson@hotmail.com">[colin_williamson@hotmail.com]</a>

### 2.1 Programme derivation

The Northern Ireland SOTA Programme is based on the Marilyns. The Marilyn programme considers the *relative* height of summits compared to their surroundings and defines a minimum of 150m climb from the surrounding cols in order to qualify. The result is 65 Summits in Northern Ireland, ranging in height from 206m to 850m.

The reference material for Northern Ireland is taken from the Marilyns in Northern Ireland on the Hills Database <http://www.hills-database.co.uk/>.

The Marilyn list, as defined in the above references is the definitive list of valid Summits for Northern Ireland.

<sup>1</sup> See General Rules for parameter definitions

### 2.2 General information

Further information about Summits on the air (SOTA) can be found on the web page: <http://www.sota.org.uk/>

### **2.3 Rights of way and access issues**

The following is extracted from the 'Access Report' published by DoE NI, Sports Council NI and NI Tourist Board.

*Northern Ireland shares the same legal system as England based on common law, including concepts about the ownership of land and public rights of way, but it has its own courts structure, system of precedents and access legislation. Because many fewer rights of way or access issues have been dealt with, it is often necessary to assume that the NI courts would follow English precedents in applying common law principles, although they are not bound to do so. Nor is there as yet a body of case law on the Access to the Countryside (NI) Order 1983, which relates exclusively to NI.*

Common law principles relevant to countryside access include:

#### **A public right of way**

Is a highway, which any member of the public may use; not a privilege granted by the landowner.

#### **Trespass**

Occurs when a person is on land without legal entitlement, or exceeds their rights of passage on a right of way.

(Reference: [http://www.mountaineering.ie/ULMci/access.html/.](http://www.mountaineering.ie/ULMci/access.html/))

### **2.3.1 The Northern Ireland Country Code**

1. Respect the people who live and work in the countryside
2. Know where you are allowed to go. Most land is private property, ask permission to use it for recreational purposes
3. Keep to paths across farmland. Do not walk across fields of crops or disturb farm animals.
4. Use gates and stiles to cross fences, hedges and walls.
5. Leave gates as you find them. If they were open leave them open. If they were closed close them behind you.
6. Do not interfere with livestock, machinery or crops. Pay attention to warning signs.
7. Keep your dog under control at all times to avoid disturbing wildlife and animals.
8. Protect wildlife, plants and trees. Leave all natural places as you find them.
9. Keep water sources clean. Do not pollute any water in the countryside.
10. All litter is unsightly and may be dangerous. Always take your litter home.
11. Guard against all risks of fire. Accidental fires are a great hazard and may harm people and animals.
12. Make no unnecessary noise. Do not disturb the peace and quiet of the countryside.
13. Respect other recreational users otherwise you might be banned in the future.
14. Take special care when driving or walking on country roads. Always show courtesy to other road users.
15. If possible do not go out alone. Wear suitable clothing and footwear as the weather can change very quickly.

(Reference: <http://www.countrysiderecreation.com/>)

## **2.4 Maps and navigation**

The definitive maps for hill walking in Northern Ireland are published by the Ordnance Survey of Northern Ireland. They are available in virtually all stationers and bookshops, or can be ordered by post. Locally, in mountainous areas, corner shops can usually be expected to carry copies of the immediate area.

OS maps come in all shapes and sizes but the most useful for general mountaineering purposes are the 1:50,000 “Discoverer” series and the 1:25,000 “Outdoor Pursuits” series.

The Discoverer series is an all-Ireland series, which replaced the One-Inch maps. The Ordnance Survey of Northern Ireland is responsible for the 18 sheets covering Northern Ireland and adjoining parts of the Republic of Ireland.

The Outdoor Pursuits map series do not cover all of Northern Ireland but where coverage is available is strongly recommended for specific Expeditions. The level of detail is significantly greater than on the Discoverer series and includes extremely useful information such as walls and other significant features that are useful for navigation.

Generally, navigation in Northern Ireland’s Mountains is not particularly difficult, at least if you stick to the paths and the weather remains fine. It is, however, easy to get disoriented, especially in the mist that is an all too frequent visitor to Northern Ireland’s hills. Only the foolhardy will venture onto the Northern Ireland Mountains without a compass and the knowledge to use it. A GPS is not an adequate substitute.

## **2.5 Grid reference system used**

The Ordnance Survey of Great Britain defines a rectangular grid system, which covers the entire landmass of Great Britain and Northern Ireland. This system is used throughout this Association Reference Manual. Typically, the system provides a unique reference to 100m accuracy, though this can be varied if required. Full details of this system can be found at <http://www.ordsvy.gov.uk/>.

The Ordnance Survey of Northern Ireland web page can be found at <http://www.osni.gov.uk/>.

## **2.6 Safety considerations**

It is tempting to assume that Northern Ireland’s mountains, none of which exceeds 900m in height, are relatively trivial. Whilst they certainly do not compare with Alpine grandeur, the higher latitude, together with proximity to the south-westerly weather fronts coming across the Atlantic, means that conditions can be severe, especially in the winter.

Northern Ireland’s higher mountains may carry snow, especially on the higher summits of the Mourne Mountains, any time from late November through to April. Unfortunately, much of this snow is relatively soft and can be very slippery. At other times it just rains! Good waterproof gear is therefore essential, as is protection for radio equipment. You should **never** venture into Northern Ireland’s major mountains without walking boots, warm clothing, map and compass.

Mobile phone coverage in Northern Ireland’s mountainous regions is reasonably good on high ground. It can be non-existent in the valleys or on slopes facing away from major areas of population, roads, etc. If you have one, it is worth taking it with you.

Most areas with major Summits have mountain rescue services. These are all run on a non-paid volunteer basis and you might like to consider supporting their work by putting some cash in the mountain rescue box, usually found in pubs and other tourist traps. Think of it as a sort of insurance policy – hope you will never need to claim on it but have it anyway! The mountain rescue services operate closely with, and report into the Police. Should you need to call them out then you call the Police using 999 and ask for Mountain Rescue.

### 3 Summit Reference Data

#### 3.1 Region Reference – County Armagh

<b>Association</b>	<b>Northern Ireland (GI)</b>
Region	County Armagh (CA-xxx)
Region Manager	Refer to Association Manager, Colin Williamson GI0RQK <a href="mailto:colin_williamson@hotmail.com">[colin_williamson@hotmail.com]</a>
Reference (s)	The Hills Database. <a href="http://www.hills-database.co.uk/">http://www.hills-database.co.uk/</a>

##### 3.1.1 Regional notes

The striking landscapes of the Ring of Gullion are a result of the unique geology of the area - a ring of igneous rocks has resulted in a distinctive range of peaks enclosing a cultural landscape of small farmsteads rich in legend with a multitude of historic monuments. Trees and small woodlands are significant landscape features. There are diverse wildlife habitats including fragments of the once extensive lowland bogland. Many of these boglands have been drained and cut over for turf. The craggy outcrops are covered with heather moorland. The range of upland and marginal habitats such as dry and wet heath lands hedgerow and rough grass creates a rich mosaic of wildlife habitat.

##### 3.1.2 Table of summits

Ref.	Alt (m)	Alt (ft)	Name	Grid ref.	Valid from	Valid to	Score
CA-001	576	1890	Slieve Gullion	J 024203	13-Jul-02		4
CA-002	423	1388	Camlough Mountain	J 049253	13-Jul-02		2
CA-003	365	1198	Carrigatuke	H 903320	13-Jul-02		1
CA-004	308	1010	Croslieve	J 002164	13-Jul-02		1
CA-005	263	863	Tievecrom	J 023153	13-Jul-02		1



### 3.2 Region Reference – Mourne Mountains

Association	Northern Ireland (GI)
Region	Mourne Mountains (MM-xxx)
Region Manager	Refer to Association Manager, Colin Williamson GI0RQK <a href="mailto:colin_williamson@hotmail.com">[colin_williamson@hotmail.com]</a>
Reference (s)	The Hills Database. <a href="http://www.hills-database.co.uk/">http://www.hills-database.co.uk/</a>

#### 3.2.1 Regional notes

The Mourne Mountains are one of the most scenic districts in Northern Ireland. Situated in the south east this mountain range contains 7 summits rising above 700 meters.

The Mournes are composed of hard, acidic granite. The area is an example of a glaciated landscape.

These Heather covered, granite mountains inspired the Percy French song with the words "Where the Mountains of Mournes sweep down to the sea" ("Its always mentioned")

Most of the high summits are grouped together in an area only 7 miles wide.

At 850meters Slieve Donard is the highest mountain in the Mournes range and also the highest mountain in Northern Ireland. From the summit ("if its not raining") there are scenic views of Northern Ireland and towards England, Scotland, Isle of Man and Ireland.

The Mourne wall was built in the 1900s (1904 - 1922) to enclose the Silent Valley reservoir. It is a granite wall (22 miles long and up to 8ft high and 3ft wide) that links 15 of the main peaks in the area including Slieve Donard.

The Mourne area is used for leisure, agriculture and forestry and the provision of water for most of Northern Ireland.

### 3.2.2 Table of summits

Ref.	Alt (m)	Alt (ft)	Name	Grid ref.	Valid from	Valid to	Score
MM-001	850	2789	Slieve Donard	J 357276	13-Jul-02		10
MM-002	767	2516	Slieve Commedagh	J 346286	13-Jul-02		8
MM-003	747	2451	Slieve Binnian	J 320234	13-Jul-02		8
MM-004	739	2425	Slieve Bearnagh	J 313280	13-Jul-02		8
MM-005	708	2323	Slieve Meelbeg	J 300279	13-Jul-02		8
MM-006	704	2310	Slievelamagan	J 329260	13-Jul-02		8
MM-007	673	2208	Slieve Muck	J 281249	13-Jul-02		6
MM-008	638	2093	Eagle Mountain	J 244229	13-Jul-02		6
MM-009	559	1834	Slievemoughanmore	J 249240	13-Jul-02		4
MM-010	534	1752	Slieve Croob	J 318453	13-Jul-02		4
MM-011	485	1591	Slievemartin	J 201176	13-Jul-02		2
MM-012	445	1460	Slievenaglogh	J 299230	13-Jul-02		2
MM-013	382	1253	Gruggandoo	J 200255	13-Jul-02		1
MM-014	306	1004	Knockchree	J 271170	13-Jul-02		1
MM-015	280	919	Slievenalargy	J 297355	13-Jul-02		1
MM-016	237	778	Knockiveagh	J 182378	13-Jul-02	13-Jul-12	1
MM-017	214	702	Cairngaver	J 454765	13-Jul-02		1

### 3.3 Region Reference – Antrim Hills

<b>Association</b>	<b>Northern Ireland (GI)</b>
Region	Antrim Hills (AH-xxx)
Region Manager	Refer to Association Manager, Colin Williamson GI0RQK <a href="mailto:colin_williamson@hotmail.com">colin_williamson@hotmail.com</a>
Reference (s)	The Hills Database. <a href="http://www.hills-database.co.uk/">http://www.hills-database.co.uk/</a>

#### 3.3.1 Regional notes

None.

#### 3.3.2 Table of summits

Ref.	Alt (m)	Alt (ft)	Name	Grid ref.	Valid from	Valid to	Score
AH-001	550	1804	Trostan	D 179235	13-Jul-02		4
AH-002	514	1686	Knocklayd	D 115364	13-Jul-02		4
AH-003	508	1667	Slieveanorra	D 134266	13-Jul-02		4
AH-004	478	1568	Divis	J 280754	13-Jul-02		2
AH-005	474	1555	Agnew's Hill	D 327016	13-Jul-02		2
AH-006	444	1457	Mid Hill	D 202157	13-Jul-02		2
AH-007	437	1434	Slemish	D 221053	13-Jul-02		2
AH-008	353	1158	Big Collin	J 232966	13-Jul-02		1
AH-009	319	1047	Carnearny	J 176927	13-Jul-02		1
AH-010	312	1024	Slievetrue	J 347891	13-Jul-02		1
AH-011	206	676	Cross Slieve	D 236295	13-Jul-02		1

### 3.4 Region Reference – South West

<b>Association</b>	<b>Northern Ireland (GI)</b>
Region	South West (SW-xxx)
Region Manager	Refer to Association Manager, Colin Williamson GI0RQK <a href="mailto:colin_williamson@hotmail.com">[colin_williamson@hotmail.com]</a>
Reference (s)	The Hills Database. <a href="http://www.hills-database.co.uk/">http://www.hills-database.co.uk/</a>

#### 3.4.1 Regional notes

None.

#### 3.4.2 Table of summits

Ref.	Alt (m)	Alt (ft)	Name	Grid ref.	Valid from	Valid to	Score
SW-001	420	1378	Bessy Bell	H 390820	13-Jul-02		2
SW-002	398	1306	Belmore Mountain	H 138417	13-Jul-02		1
SW-003	386	1266	Tullybrack	H 090458	13-Jul-02		1
SW-004	380	1247	Slieve Beagh	H 523436	13-Jul-02		1
SW-005	345	1132	Bolaght Mountain	H 259765	13-Jul-02		1
SW-006	341	1119	Dooish	H 315698	13-Jul-02		1
SW-007	317	1040	Brougher Mountain	H 349527	13-Jul-02		1
SW-008	298	978	Pollnalaght	H 370708	13-Jul-02		1
SW-009	242	794	Mullaghcroy	H 329818	13-Jul-02		1

### 3.5 Region Reference – Sperrin Mountains

<b>Association</b>	<b>Northern Ireland (GI)</b>
Region	Sperrin Mountains (SM-xxx)
Region Manager	Refer to Association Manager, Colin Williamson GI0RQK <a href="mailto:colin_williamson@hotmail.com">[colin_williamson@hotmail.com]</a>
Reference (s)	The Hills Database. <a href="http://www.hills-database.co.uk/">http://www.hills-database.co.uk/</a>

#### 3.5.1 Regional notes

The region area is covered by Ordnance Survey of Northern Ireland map(s):  
Discovery series (1:50:000) sheet 13

#### 3.5.2 Table of summits

Ref.	Alt (m)	Alt (ft)	Name	Grid ref.	Valid from	Valid to	Score
SM-001	678	2224	Sawel Mountain	H 617973	13-Jul-02		6
SM-002	635	2083	Mullaghclogha	H 557957	13-Jul-02		6
SM-003	627	2057	Mullaghaneany	H 685986	13-Jul-02		6
SM-004	562	1844	Carnanelly	H 675921	13-Jul-02		4
SM-005	550	1804	Mullaghmore	C 738008	13-Jul-02		4
SM-006	542	1778	Mullaghcarn	H 510809	13-Jul-02		4
SM-007	528	1732	Slieve Gallion	H 798878	13-Jul-02		4
SM-008	480	1575	Mullaghash	C 640019	13-Jul-02		2
SM-009	465	1526	Benbradagh	C 722113	13-Jul-02		2
SM-010	416	1365	Curraghchosaly Mountain	H 478839	13-Jul-02		2
SM-011	407	1335	Owenreagh Hill	H 420959	13-Jul-02		2
SM-012	403	1322	Balix Hill	H 475962	13-Jul-02		2
SM-013	399	1309	Donald's Hill	C 743173	13-Jul-02		1
SM-014	396	1299	Loughermore	C 589156	13-Jul-02		1
SM-015	385	1263	Binevenagh	C 691301	13-Jul-02		1
SM-016	382	1253	Craignamaddy	H 522894	13-Jul-02		1
SM-017	382	1253	Oughtmore	H 724837	13-Jul-02		1
SM-018	370	1214	Slievekirk	C 451082	13-Jul-02		1
SM-019	335	1099	Crocknamoghil	H 578851	13-Jul-02		1
SM-020	321	1053	Crockdooish	C 529024	13-Jul-02		1
SM-021	314	1030	Slievemore	H 593615	13-Jul-02		1

# Summits on the Air – ARM for Northern Ireland (GI)

Ref.	Alt (m)	Alt (ft)	Name	Grid ref.	Valid from	Valid to	Score
SM-022	260	853	Holywell Hill	C 385171	13-Jul-02		1
SM-023	221	725	Clondermot Hill	C 434127	13-Jul-02		1
SM-024	218	715	Gortmonly Hill	C 396080	13-Jul-02		1