

Getting your first HF award - in just 24 hours

Steve Nichols G0KYA

www.qsl.net/g0kya

TO COMMEMORATE THE PIONEER
DONE BY GUGLIELMO MARCONI
HIS RESEARCH EXPERTS AND
ENGINEERS AT THE POLDHU WIRE
STATION BETWEEN 1900 AND 1933
MARCONI COMPANY PRESENTED
HISTORIC LAND TO THE NATIONAL
SOME SIX ACRES OF CLIFF LAND
GIVEN IN 1957 AND FORTY FOUR
BEHIND THE CLIFFS. ON WHICH STOOD
THE STATION AND MASTS. WERE GIVEN
IN 1960.

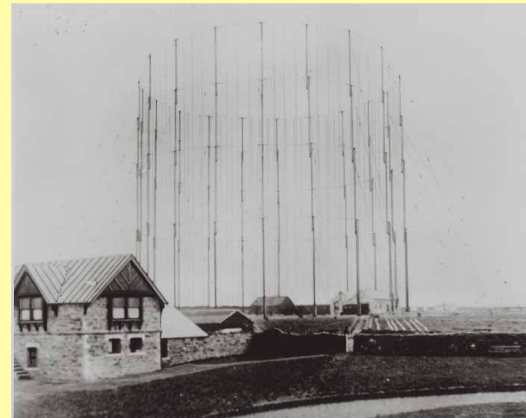
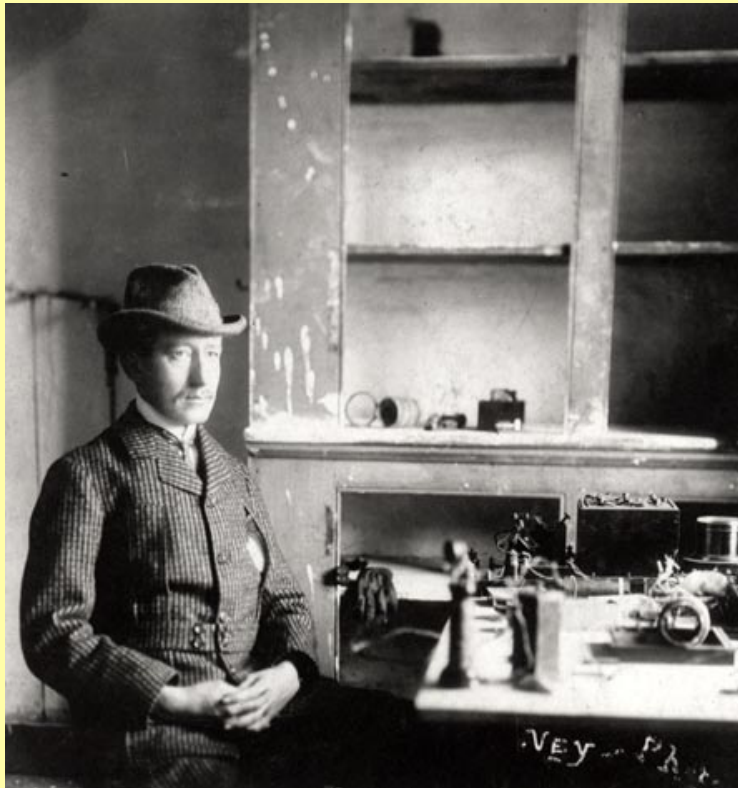


International Marconi Day

Saturday 20th April 2013, 0000hrs – 2359hrs



Steve Nichols G0KYA, Norfolk Amateur Radio Club



To celebrate Guglielmo
Marconi's birthday on
25th April 1874



Steve Nichols G0KYA, Norfolk Amateur Radio Club



And to celebrate G3LDI's and
G0LGJ's 135th birthday



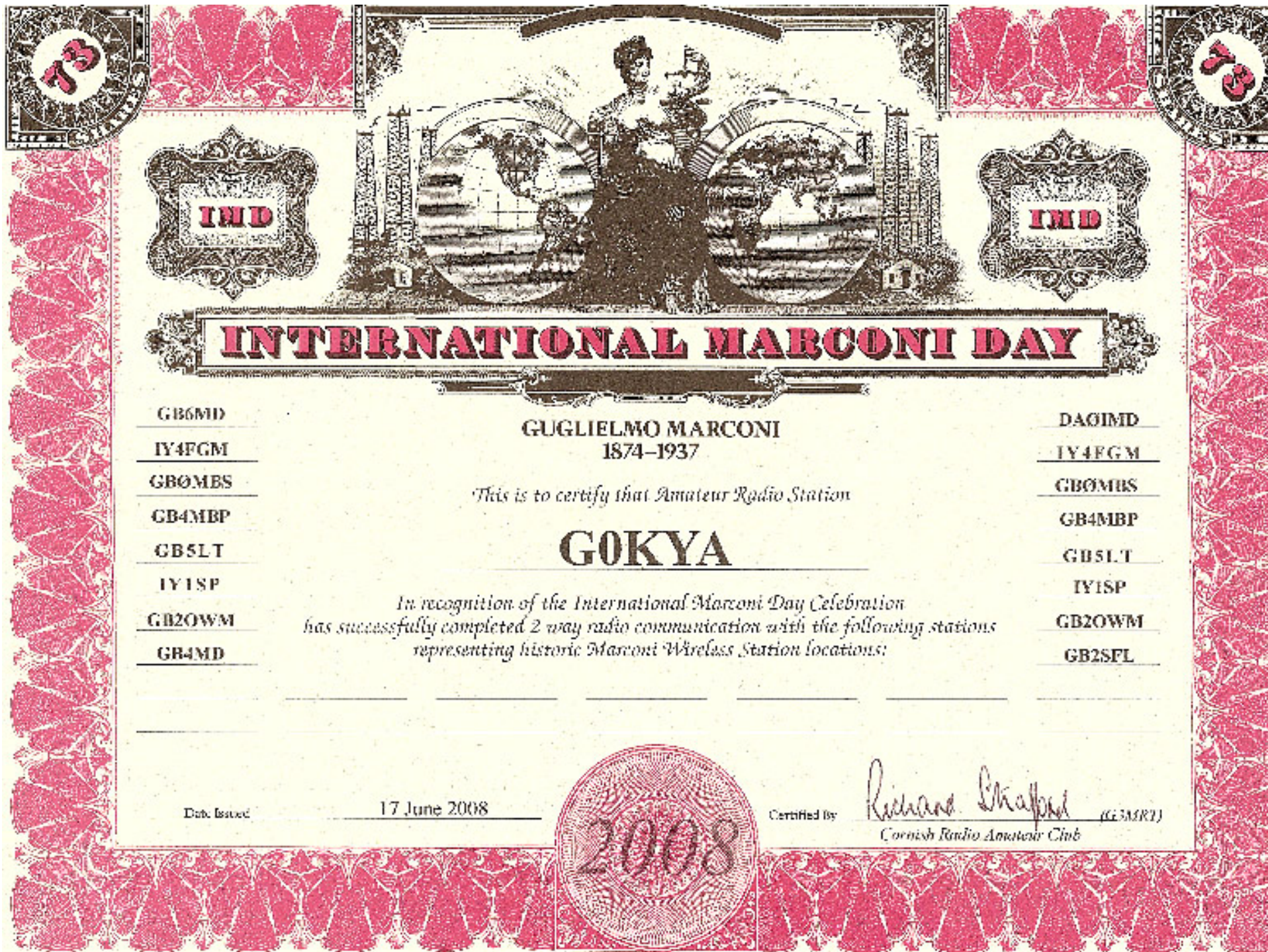
Steve Nichols G0KYA, Norfolk Amateur Radio Club



What is it?

An opportunity for amateurs around the world to make point-to-point contact with historic Marconi sites using HF communications techniques similar to those used by Marconi, and to gain an attractive award for achieving the requisite number of Marconi stations worked.





IND

IND

INTERNATIONAL MARCONI DAY

GB6MD

IY4FGM

GB0MBS

GB4MBP

GB5LT

IY1SP

GB2OWM

GB4MD

GUGLIELMO MARCONI
1874-1937

This is to certify that Amateur Radio Station

GOKYA

*In recognition of the International Marconi Day Celebration
has successfully completed 2 way radio communication with the following stations
representing historic Marconi Wireless Station locations:*

DA6IMD

IY4FGM

GB0MBS

GB4MBP

GB5LT

IY1SP

GB2OWM

GB2SFL

Date Issued

17 June 2008

Certified By

Richard Skapellato (G3MRT)
Cornish Radio Amateur Club

2008



Where are the stations?

England, Scotland, Wales, Ireland, Italy, Iceland, USA, Austria, Netherlands, Iceland, Canada, Australia, France, Uruguay and Germany (Borkum Island).





Realistically

You need to concentrate on:

- UK/Ireland
- Italy
- Austria/Germany/Netherlands/Iceland
- USA and Canada

I have never heard the Australian/Uruguay stations (VK2IMD have only worked 80m and 40m)





So how do we win the award?

1. TRANSMITTING AMATEUR - Fixed Station

Establish direct two-way communication with **15** of the official Award Stations from a fixed location, **mixed modes are permitted.**

2. TRANSMITTING AMATEUR - Mobile

Establish two-way communication with **12** of the official Award Stations from a mobile location, **mixed modes are permitted.**

3. TRANSMITTING AMATEUR - C.W.

Establish two-way communication with **15** of the official Award Stations from a fixed location, using **CW only.**

4. TRANSMITTING AMATEUR - Digital Modes

Establish two-way communication with **15** of the official Award Stations from a fixed location, using **Digital Modes only.**





So how do we win the award?

5. TRANSMITTING AMATEUR - Multi-Operator

An opportunity for Clubs/Groups at fixed locations to take part and gain the award by establishing two-way communication with **20** of the official Award Stations using mixed modes or with **20** contacts using either C.W. or Digital Modes

6. SHORTWAVE LISTENERS

Log two-way communications made by **15** of the official Award Stations, **mixed modes are permitted.**

7. SHORTWAVE LISTENERS - C.W.

Log two-way communications made by 10 of the official Award Stations using **C.W. only.**





How do we claim the award?

Must be made in writing giving a FULL extract of your log together with your callsign and address (often forgotten!). The log extract may be a certified copy of the original log or a certified computer print out.

Ideally, another amateur should certify that your log extract represents a true copy of the original log entries. If no other amateur is available, an adult signatory will be accepted.





How do we claim the award?

Please address your claim to:

**Ken G0FIC – IMD Awards Manager,
Cornish Amateur Radio Club
38 Tresithney Road. Carharrack.
Redruth, TR16 5QZ**

The cost of the Award is the same for all Classes, which is as follows:

**\$10.00 US, €10 or £5.00 Sterling or 12 IRC's. Please
make cheques payable to "Cornish Radio Amateur Club"**





Important!

- **No VHF contacts!**
- **No using IRLP/Echolink/CQ100 etc**
- **You can only count a contact with one station once. Eg a CW and SSB contact with GB2GM in Poldhu, for instance, only counts as one contact.**





So how do we win the award?

Important!

- If you fail to establish contact with all the stations it will still be possible to claim the SWL award using a combination of heard and worked contacts.
- So log all special event IMD stations heard.



The stations ...

If not participating text will change to **RED**

If not confirmed either way text will remain **BLACK** - These will count for the award if worked

CW1GM	Punta Del Este City, Uruguay	GB100MWT	Sandford Mill Chelmsford
DA0IMD	Borkum Island	I4CDH/IMD	Bologna
EI4MFT	Clifden, County Galway	I0KHP/IMD	VillaDei Principi, Civitavecchia-Pat Dec'd 8/4
EI0MAR	Martello Tower, Co Dublin	II4SM	Sasso Marconi
GB0YAM	Yorkshire Air Museum	IY1MR	Rapallo, Genova
GB1PBL	Portland Bill, Dorset	IY1SP	La Spezia
GB2GM	Poldhu Cove, Cornwall	IY1TTM	Sestri Levante
GB2MB	Haldon Hill, Exeter, Devon	IY4FGM	Villa Griffone, Pontecchio, Bologna
GB2DMD	Pencaster Gardens Dover	IY5PIS	Coltano, Pisa, Italy
GB2MT	Writtle, Essex	IY0GA	Capo Figari, Golfo Aranci, Sardinia
GB2OWM	Orkney Wireless Museum	IY0IMD	Forte Michelangelo, Civitavecchia
GB2SFL	South Foreland Lighthouse	IY0ORP	Rocca di Papa, Rome
GB2SJ	Souter Point Lighthouse	IY0TC	Torre Chiaruccia, Santa Marinella, Rome
GB4FPR	Fort Perch Rock. NB On 500 KHz CW also	K2NJ	Somerville, New Jersey
GONWM	Tynemouth, N.Shields	K6KPH	Bolinas, Point Reyes, Ca
GB4IMD	Nr. Falmouth, Cornwall [CRAC Station]	KM1CC	Wellfleet, Cape Cod, Mass.
GB4MBP	Bass Point, The Lizard, Cornwall	MN0MRG	Ballycastle, Northern Ireland
GB4MD	Waunfawr, Wales	N2MO	Wall New Jersey
GB4MDI	Lavernock Point	OE12M	Vienna, Austria
GB4MHS	Oxford	PA6IMD	Gouda, The Netherlands
GB4MIW	Alum Bay, Isle of Wight	TF3IMD	Hofdi, Reykjavik, Iceland
GB4MPC	Marconi Point, Cullercoats	VE1IMD	Glace Bay, Nova Scotia, Canada
GB5FHC	Fraserburgh, Scotland	VE2CRD	Drummondville, Quebec, Canada
GB2M	Lochboisdale Marconi Wireless Station	VK2IMD	Wahroonga, NSW, Australia
GB5LT	Calshot, Nr. Southampton	VO1BZM	Newfoundland, Canada
GB6MD	Brean Down, Somerset	VO1AA	Signal Hill, St Johns, Newfoundland
GB4M	Daventry	W1AA/MS	Nantucket Island, Mass.
GB8IMD + MORSE	Netheravon Camp, Salisbury Plain	W2LIS	Long Island
GB8MD	Tywyn, Wales	W2MRC	Somerset, New Jersey
GB0CMS	Caister, Norfolk	W2RC/IMD	Rocky Point, NY
GB0MBS	Dorchester, Dorset	W8K	Elberta/Frankfort, Michigan
GB0MD		WA1WCC	Chatham, Mass
GB0MGY	Harlow, Essex	EI0IMD	County Cork - Mizen Head
GB4MBCGB4HMD	Flatholm Island Holyhead	EI5IMD	Brow Head, Crookhaven, Co Cork



Steve Nichols G0KYA, Norfolk Amateur Radio Club



So how do we win the award?

In 2012, 46 IMD stations were listed as being active:

- Twenty one of them are in the UK
- Six in USA
- Eight in Italy
- Two in Canada/
Newfoundland
- One in Austria
- One in Uruguay
- One in Iceland
- One in Germany
- Three in Ireland
- One in the Netherlands
- One in Australia





My log for 2008

Rec#	Call	Date	On	Bnd	Mode	Pwr	Snt	Rec	Off	Country	St	O	S	R	Comments	Na
1128	GB6MD	26/04/2008	21:29	40	CW	100	599	599	19:58	England			S	R	Breandown, Somerset (QSL vi...	
1127	DA0IMD	26/04/2008	15:07	40	SSB	100	59	57	19:58	Germany						
1126	IY4FGM	26/04/2008	14:44	20	SSB	100	59	59	19:57	Italy					Villa Griffone	
1125	IY1TTM	26/04/2008	14:39	20	CW	50	599	599	19:56	Italy					Sestri Levante, IMD	
1124	GB0MBS	26/04/2008	14:08	80	SSB	50	57	57	19:56	England					Carol, Marconi Beam station - ...	
1123	OE2008XQC	26/04/2008	13:04	20	SSB	50	59	59	19:55	Austria						
1122	GB4MBP	26/04/2008	12:48	40	SSB	10	55	55	19:55	England					Bass Point, Cornwall - IMD, Jeff	
1121	MN0MRG	26/04/2008	12:03	40	SSB	10	57	57	19:54	Northern Ireland					Ballycastle, Northern Ireland	
1120	GB5LT	26/04/2008	11:50	80	SSB	10	55	55	19:54	England					Mike, Calshot, Nr. Southampton	
1119	GB4IMD	26/04/2008	11:12	40	SSB	10	59	59	19:53	England					Ken, Pendennis Castle, Falmo...	
1118	IY1TTM	26/04/2008	11:01	20	SSB	10	59	59	19:53	Italy					Sestri Levante, IMD	
1117	IY1SP	26/04/2008	10:55	20	CW	10	599	599	19:52	Italy					La Spezia	
1116	GX0MWT	26/04/2008	10:32	80	SSB	20	59	59	19:52	England					Marconi hut, Chelmsford, Essex	
1115	GB2OWM	26/04/2008	10:15	40	SSB	25	59	59	19:51	England					Ed, Kirkwall, Orkney Wireless ...	
1114	IY4FGM	26/04/2008	10:04	20	CW	25	599	599	19:51	Italy					Villa Griffone	
1113	GB2SFL	26/04/2008	09:34	80	SSB	10	59	59	19:50	England					South Foreland Lighthouse - I...	
1112	GB4MD	26/04/2008	08:39	80	SSB	10	59	59	19:50	England					Waunfawr, Wales John IO73YC	

17 contacts - 10 in UK/Ireland, 5 Italian, 1 Austria and 1 Germany





My log for 2007

Rec#	Call	Date	On	Bnd	Mode	Pwr	Snt	Rec	Off	Country	St	O	S	R	Comments	Nat
1006	GB6MD	28/04/2007	14:20	40	CW	25W	599	599	14:21	England			S	R	Breandown, Somerset (QSL vi...	
1005	IY1SP	28/04/2007	14:07	20	CW	25W	599	569	14:08	Italy					La Spezia	
1004	GB2OWM	28/04/2007	10:41	40	SSB	25W	59	59	10:41	England					Ed, Kirkwall, Orkney Wireless ...	
1003	OE3XQC	28/04/2007	10:38	20	SSB	25W	59	59	10:39	Austria					QSL Collection Documentary ...	
1002	IY0TC	28/04/2007	10:29	20	CW	25W	599	599	10:28	Italy					Civitavecchia	
1001	GX0MWT	28/04/2007	10:08	80	SSB	50W	59	58	10:09	England					Marconi hut, Chelmsford, Essex	
1000	GB4MD	28/04/2007	09:55	80	SSB	50W	59	59	09:56	England					Waunfawr, Wales Danny, IO73...	
999	GB5LT	28/04/2007	09:51	80	SSB	50W	59	59	09:51	England					Mike, Calshot, Nr. Southampton	
998	MN0MRG	28/04/2007	09:42	40	SSB	50W	59	59	09:42	Northern Ireland					Ballycastle, Northern Ireland	
997	IY0ORP	28/04/2007	09:36	20	SSB	50W	59	59	09:36	Italy						
996	GB4IMD	28/04/2007	09:30	40	SSB	50W	59	59	09:31	England					Ken, Pendennis Castle, Falmo...	
995	GB4MBP	28/04/2007	09:24	40	SSB	50W	59	59	09:26	England					Bass Point, Cornwall - IMD, Jeff	
994	GB0MBS	28/04/2007	09:14	80	SSB	50W	59	59	09:17	England					Rob, Marconi Beam station - I...	
993	GB2GM	28/04/2007	09:07	40	SSB	50W	59	59	09:17	England					Chris, Poldhu	
992	EI4IMD	28/04/2007	08:57	40	SSB	50W	54	54	09:16	Ireland						
991	IY0IMD	28/04/2007	08:24	20	SSB	25W	59	59	09:16	Italy					Forte Michaelangelo, QSI via I...	
990	IY4FGM	28/04/2007	08:17	20	CW	25W	599	599	09:13	Italy					Villa Griffone	
989	IY0IMD	28/04/2007	08:02	30	CW	25W	599	599	09:13	Italy					Forte Michaelangelo	

18 contacts - 11 in UK/Ireland, 6 Italian, 1 Austria





USA/other contacts

In 2005:

W1AA/MSC Nantucket – 20m CW 15:37hrs

KM1CC, Cape Cod – 20m CW 16:48hrs

WJ2DX, Somerville, New Jersey - 20m CW 14:09hrs

TF3IMD, Iceland - 20m SSB 10:23hrs

In 2006

VO1IMD, Signal Hill, St John's Newfoundland – 20m SSB 16:00hrs





So how are we going to do it?

- Concentrate on the propagation – see charts at www.g0kya.blogspot.com and www.infotechcomms.net/IMD/
- Use the DX cluster
- Start early – midnight onwards if you are serious
- If you hear a station – go for it. The propagation might change and you may lose them
- Don't expect to work much beyond 5pm – I have only ever worked one station later than this which was GB6MD, Brean Down, Somerset at 21:29hrs.





So how are we going to do it?

K9RS	14235.0	IY4FGM	IMD	1440	26	Apr
K9RS	14235.0	IY4FGM	IMD	1440	26	Apr
ON4CAS	14235.0	IY4FGM	CQ NA (IMD)	1424	26	Apr
ON4CAS	14235.0	IY4FGM	CQ NA (IMD)	1424	26	Apr
ON4TSF	14235.0	IY4FGM	International Marconi Day	1408	26	Apr
UT4FJ	14027.2	IY4FGM	IMD	0943	26	Apr
UT4FJ	14027.2	IY4FGM	IMD	0942	26	Apr
UA0AV	14027.0	IY4FGM	ONDA YL BOLOGNA	0936	26	Apr
UA0AV	14027.0	IY4FGM	ONDA YL BOLOGNA	0935	26	Apr
TA2DA	14029.5	IY4FGM	IMD	0809	26	Apr
TA2DA-@	14029.5	IY4FGM	IMD	0809	26	Apr
UT3WW	14029.5	IY4FGM	marconi	0751	26	Apr
UT3WW-@	14029.5	IY4FGM	marconi	0751	26	Apr

Use the DX Cluster





So how are we going to do it?

W02N	7033.0	W1AA/IMD	Marconi Day Spec Event	0142	26	Apr
W02N	7033.0	W1AA/IMD	Marconi Day Spec Event	0142	26	Apr
EI9JF	7033.0	W1AA		0127	26	Apr
EI9JF	7033.0	W1AA		0127	26	Apr
K1VV	7033.0	W1AA/IMD	Marconi Day	0124	26	Apr
K1VV	7033.0	W1AA/IMD	Marconi Day	0124	26	Apr
K5LJ	3538.0	W1AA/IMD	MD SE	0104	26	Apr
K5LJ	3538.0	W1AA/IMD	MD SE	0104	26	Apr
DK6XZ	3538.0	W1AA/IMD		0055	26	Apr
DK6XZ	3538.0	W1AA/IMD		0055	26	Apr
K1VV	3538.0	W1AA/IMD		0050	26	Apr
K1VV	3538.0	W1AA/IMD		0050	26	Apr
K1VV	1823.5	W1AA/IMD		0046	26	Apr
K1VV	1823.5	W1AA/IMD		0046	26	Apr
K1VV	1824.0	W1AA/IMD		0039	26	Apr
K1VV	1824.0	W1AA/IMD		0039	26	Apr
EA3GHZ	7033.0	W1AA/IMD	TNX Strong	0032	26	Apr
EA3GHZ	7033.0	W1AA/IMD	TNX Strong	0032	26	Apr
K1VV	7033.0	W1AA/IMD		0001	26	Apr
K1VV	7033.0	W1AA/IMD		0001	26	Apr

Be prepared to work in the early hours of Saturday morning!





Do your own analysis



KB1LKB	14259.0	V01IMD	Int.Marconi Day SE Stati	1505 26 Apr
KB1LKB-@	14259.0	V01IMD	Int.Marconi Day SE Station	1504 26 Apr
N2UN	14023.0	V01IMD		1359 26 Apr
N2UN	14023.0	V01IMD		1359 26 Apr
VE3XN-@	14184.0	V01IMD	Dave, V01TK @ Signal Hill	1253 26 Apr
VE3XN	14184.0	V01IMD	Dave, V01TK @ Signal Hill	1253 26 Apr

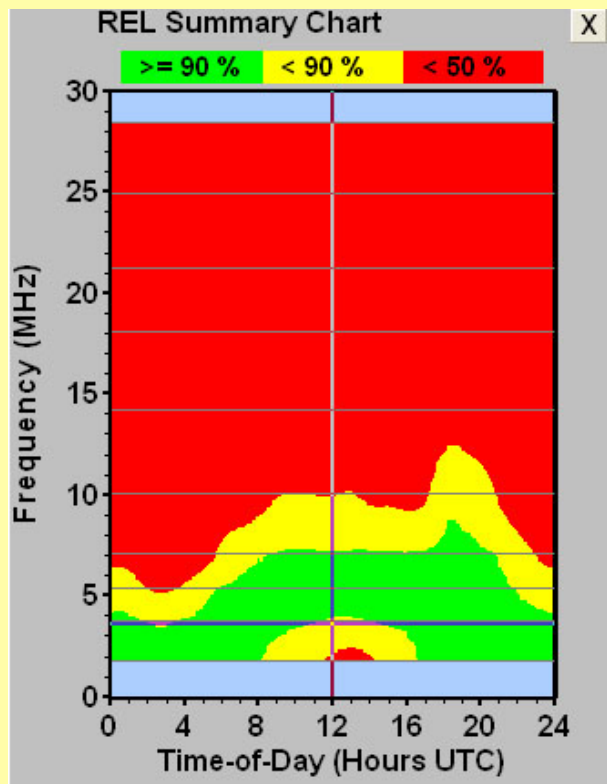
... CW or SSB? It is really down to this year's operators



Steve Nichols G0KYA, Norfolk Amateur Radio Club



What band and when?



UK and Ireland

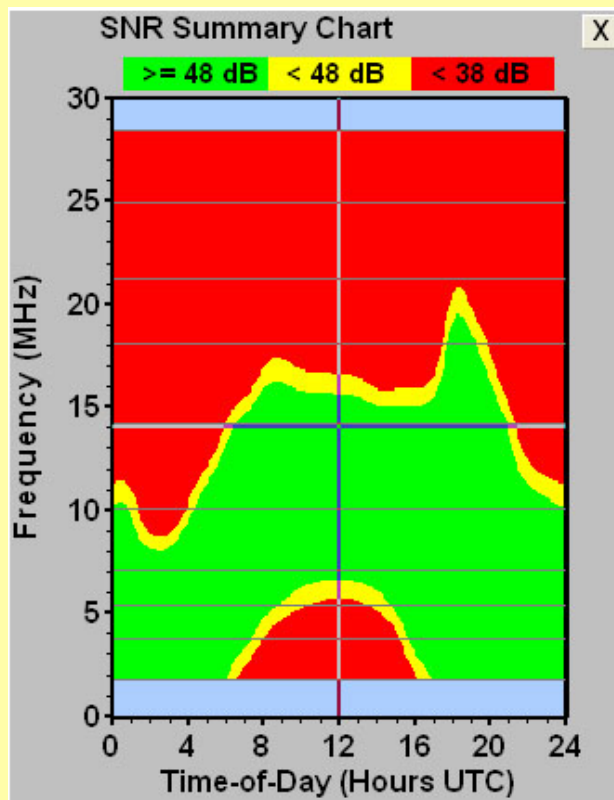
Start with 80m (3.5MHz), but expect absorption to make QSOs harder after about 9am

Move to 40m (7MHz) – usually most of UK contacts are on this band.





What band and when?



Italy/Austria

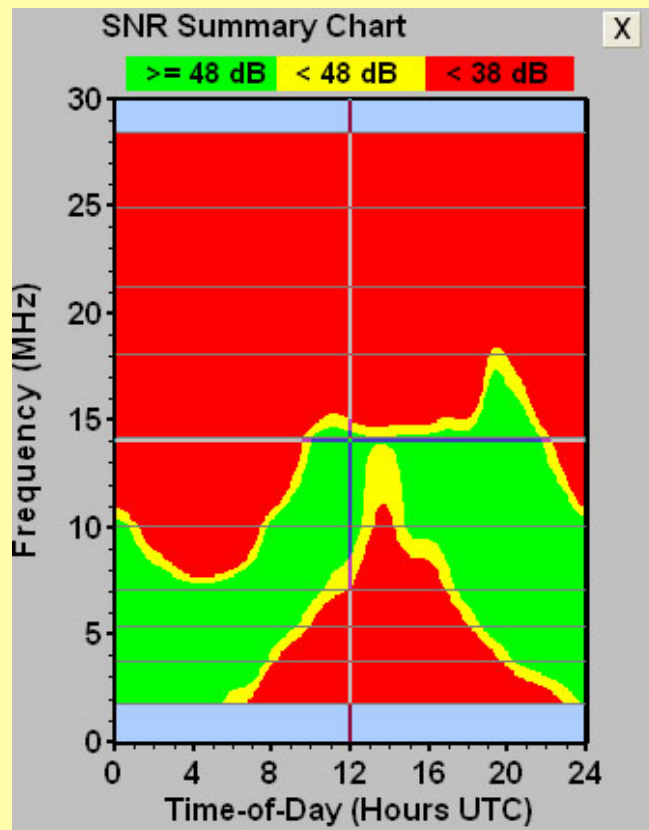
Looking at this, 40m (7MHz) and 20m (14Mhz) are the “money” bands.

All of my contacts to Italy/Austria were on 20m in 2008, 2007 and 2005. Only one Italian 40m contact in 2006 at 12:26 on SSB





What band and when?



Iceland

Looking at this, 40m (7MHz) and 20m (14Mhz) are the “money” bands.

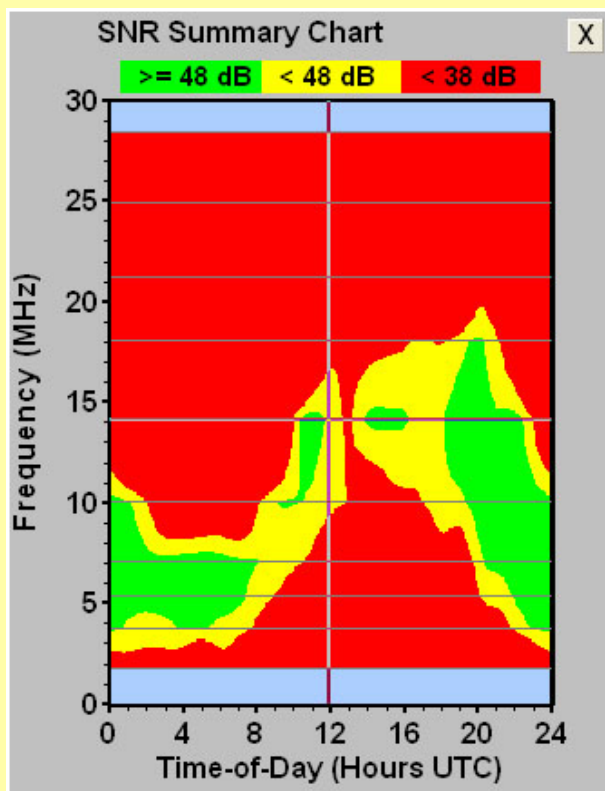
My only contact with TF3IMD in 2005 was at 10:23hrs on 20m SSB

TF3IMD was spotted on 20m in 2012





What band and when?



USA/Canada

Your best bet is 40m midnight – 0800hrs, 20m from around 1300hrs onwards, peaking at 1800-2000hrs

The stations are not using beams/1kW so it isn't easy.

WJ2DX, Somerville, New Jersey - 20m CW 14:09hrs

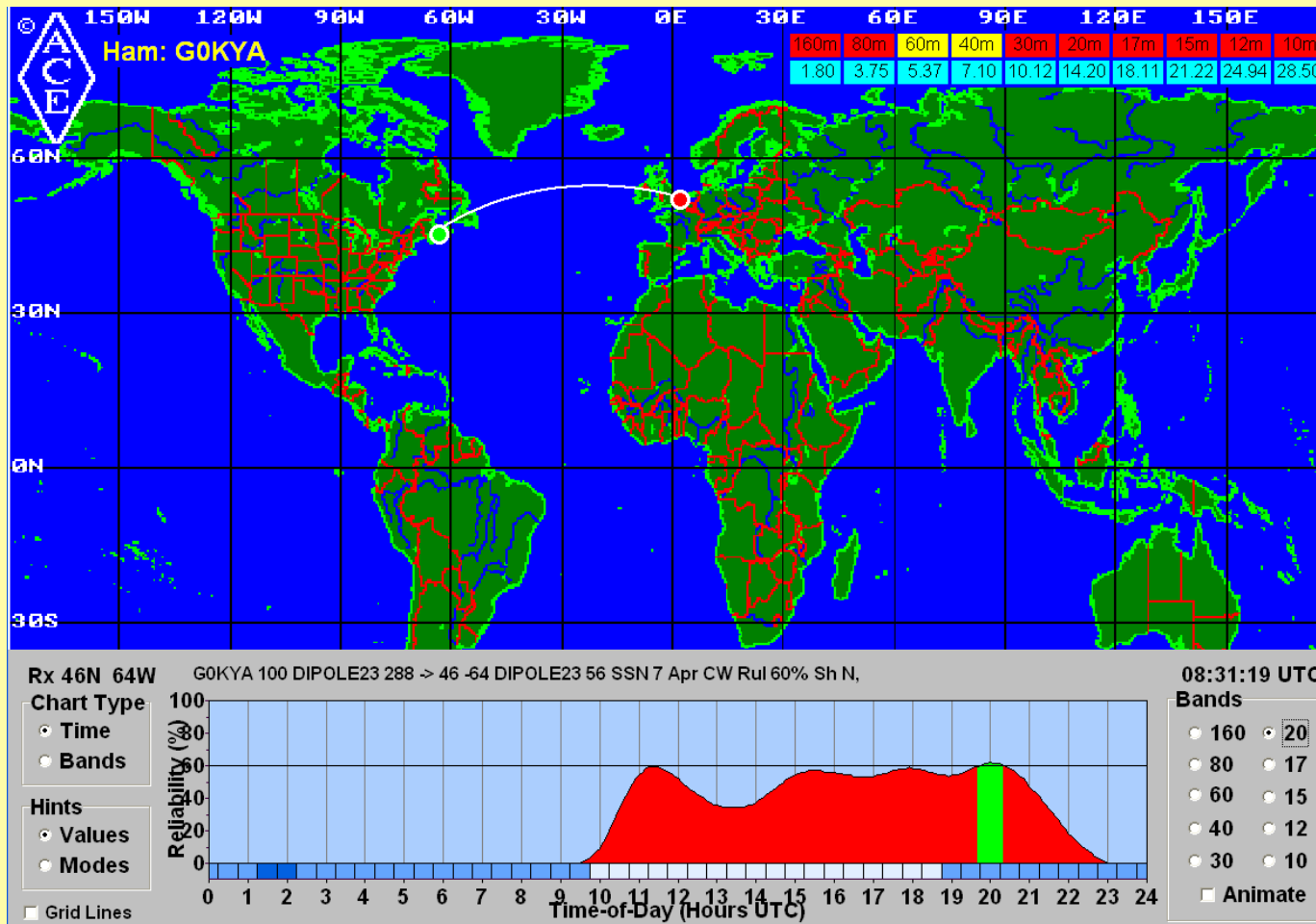
W1AA/MSK Nantucket – 20m CW 15:37hrs

KM1CC, Cape Cod – 20m CW 16:48hrs





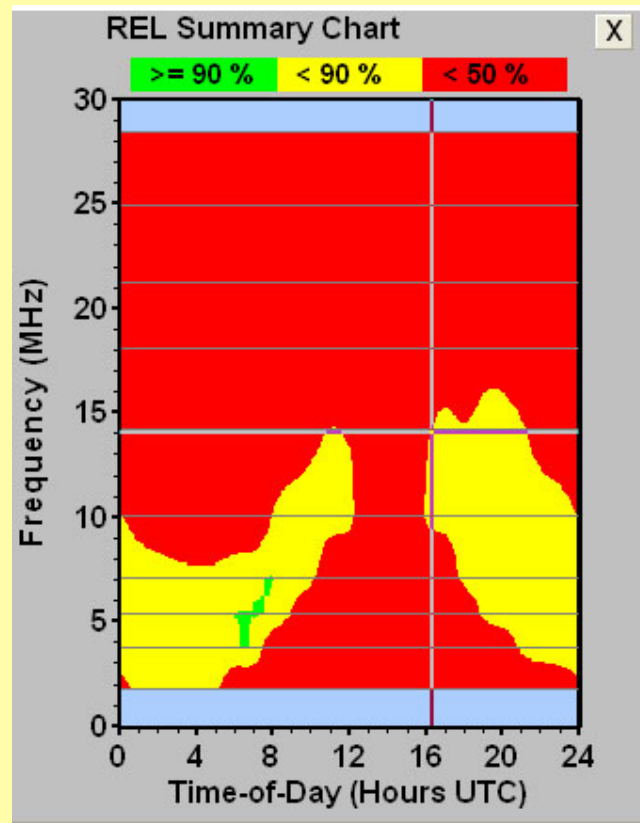
USA – Eastern Seaboard



Steve Nichols G0KYA, Norfolk Amateur Radio Club



What band and when?



Newfoundland

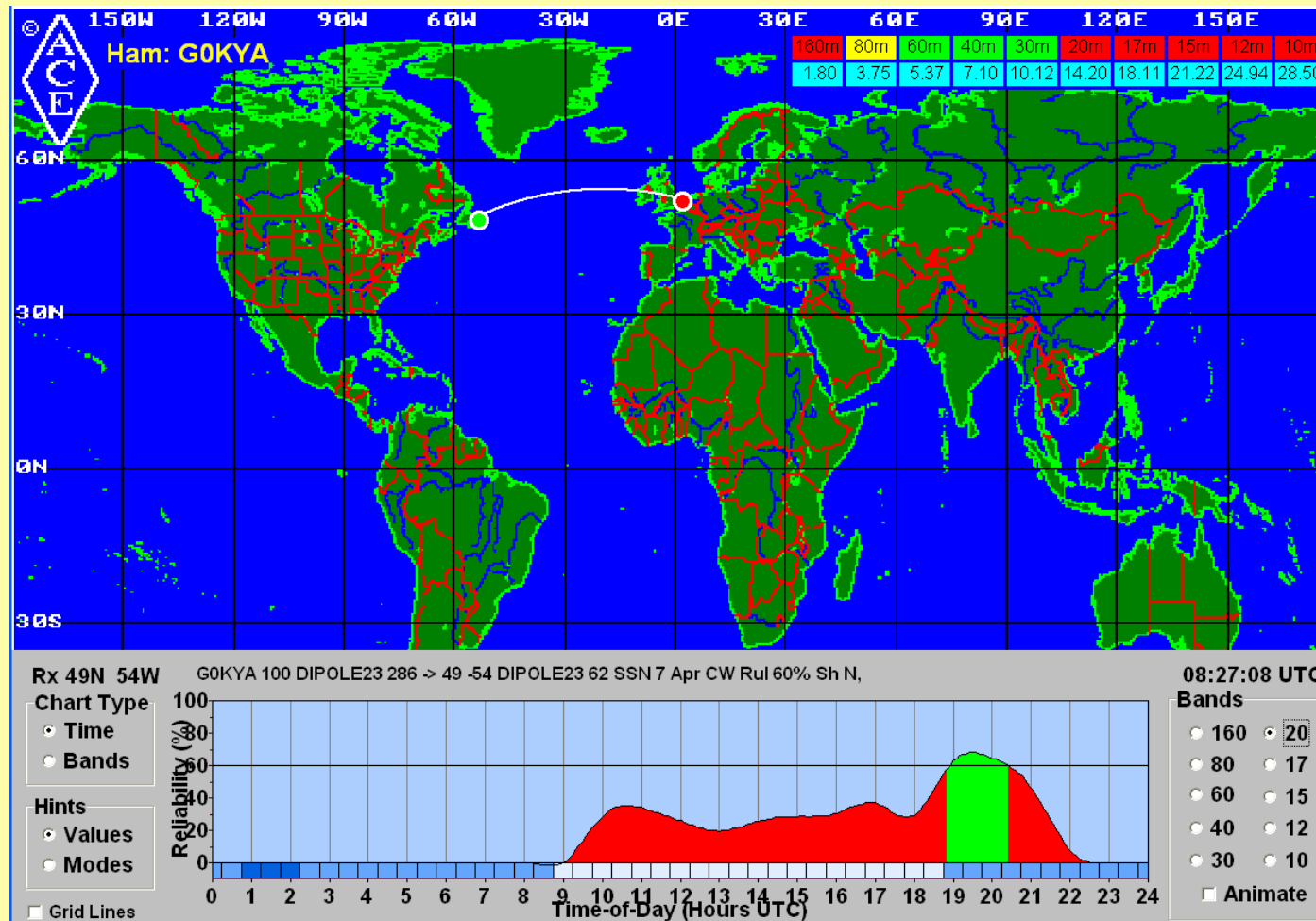
Looking at this, your best bet is 20m
from around 1600hrs onwards,
7MHz/40m from 1800hrs

In 2006, VO1IMD, Signal Hill, St John's
Newfoundland – 20m SSB 16:00hrs





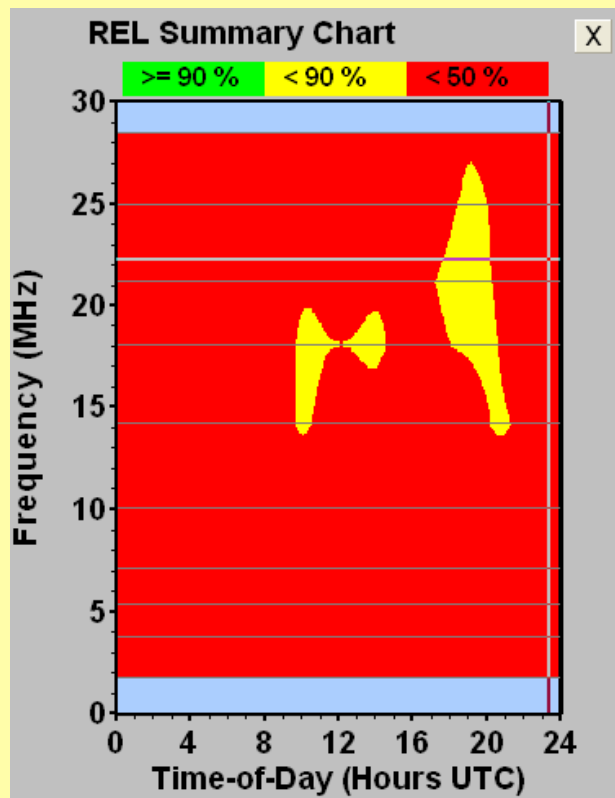
Newfoundland



Steve Nichols G0KYA, Norfolk Amateur Radio Club



What band and when?



Uruguay – CW1GM

A tough one – the only real chance is 21MHz at 1900-2000UTC, but its marginal.

In 2008 they were spotted on 7Mhz, 14Mhz, 21Mhz and 28Mhz between 1711UTC and 2107UTC.

They were only worked by Europeans on 20m CW in 2008 and 15m SSB in 2007.





Some station histories ...



GB2GM Poldhu, Cornwall

Marconi at Signal Hill, St. John's, Newfoundland, heard the letter 'S' transmitted from Poldhu.

Experiments in 1901. Late in 1902, two-way communication was established with Glace Bay in Nova Scotia, and a few months later, on the 18th January 1903, with Cape Cod in the USA.





Some station histories ...



**GB2GM
Poldhu, Cornwall**

**On every IMD, but the propagation
to Cornwall on 80m can be variable.**

Head for 40m

**They have been inaudible at times
with me.**





Some station histories ...



GB4MBP

Bass Point, The Lizard, Cornwall

Bass Point, once known as Beast Point, lies close to the most southerly point of England (Lizard Point). Thanks to the National Trust, there will again be operations during IMD. Nearby is the Housel Bay Hotel, where Marconi and his team stayed during the periods of their HF experiments early in 1901.





Some station histories ...



GB0MBS Dorchester

The original service from Dorchester was to New York which opened on 16 December 1927, followed shortly by a service to South America.

By the end of 1928, services to Japan and Egypt had also been opened.





Some station histories ...



GB4MD Waunfawr, Wales

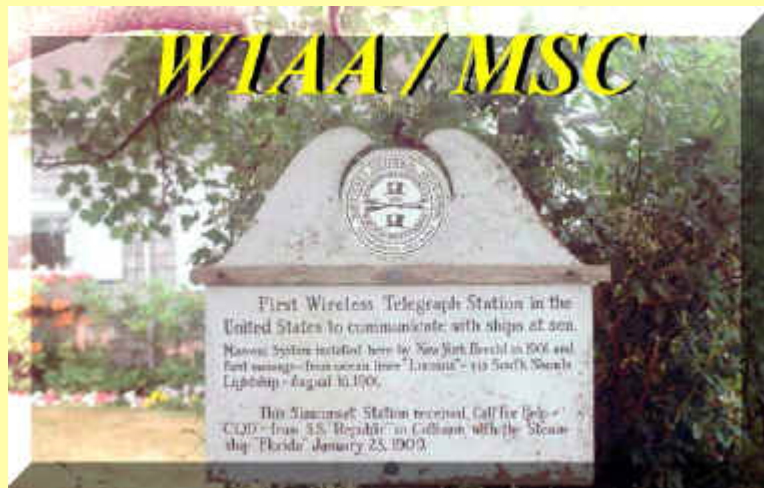
Home to an early long wave transmitting station.

Waunfawr was completed in March 1914 and the first transmission was to Coltano in Italy on a wavelength of 5000 metres or 60 kHz with an aerial current of 130 Amps. Tests were conducted in April 1914 with Glace Bay on 11,140 metres or 26.93 kHz.





Some station histories ...



W1AA/MSA Nantucket, USA

In late January of 1908, the Siasconset “MSA” Nantucket station was instrumental in actually saving many lives when the steamers Florida and Republic collided during a dense fog 70 miles south of the island.

Jack Binns was the operator.



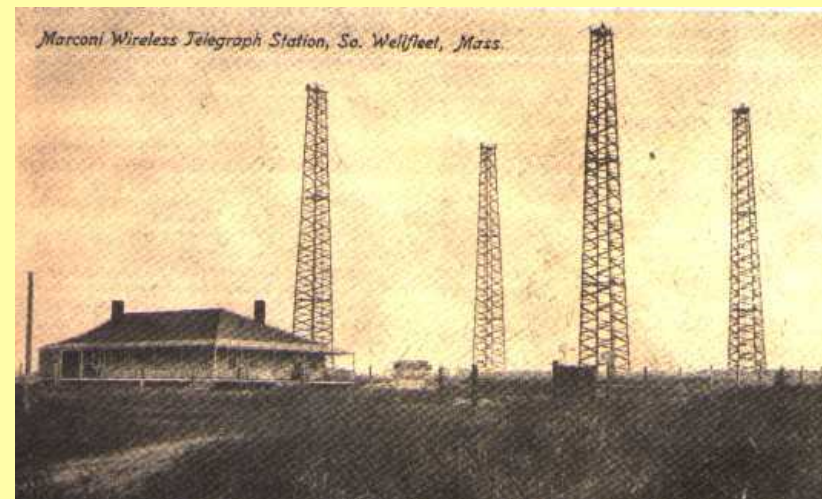


Some station histories ...

K1MCC

Cape Cod, USA

KM1CC station represents the Marconi station on Cape Cod where the first two-way transatlantic radio spark transmission took place on 18th January 1903 between the USA and Europe.



This year it will be on from 1300-2000Z, CW frequencies:
80M 3.535 40M 7.035 20M 14.035 17M 18.080





Some station histories ...



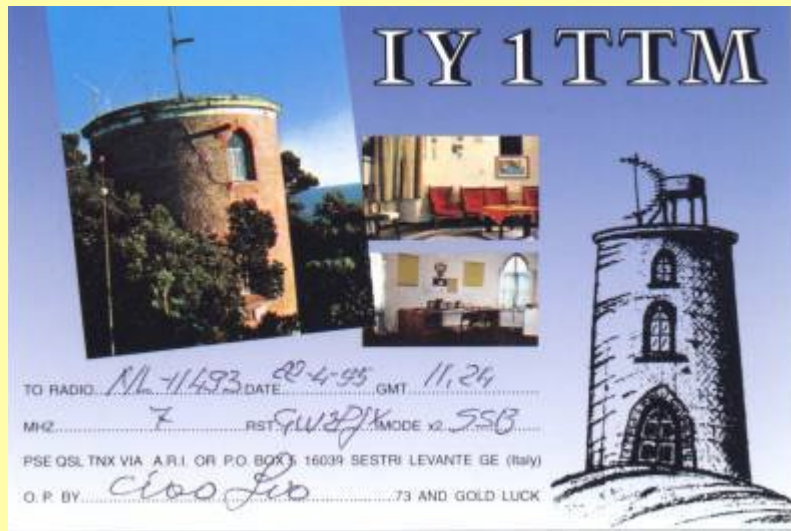
IY4FGM
Villa Griffone, Italy

Where Marconi conducted his initial experiments with wireless from an upstairs attic room – and where he is buried.





Some station histories ...



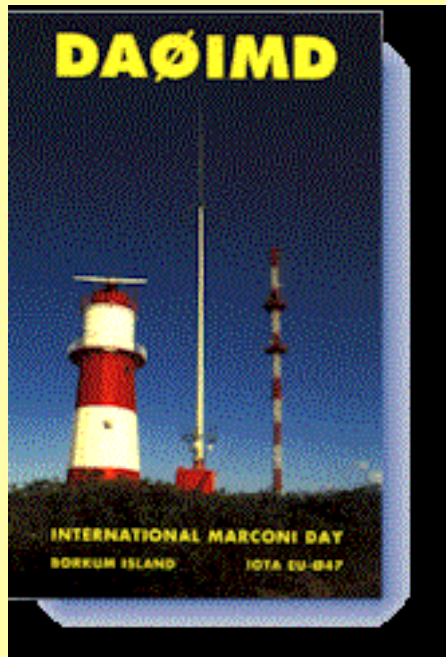
IY1TTM
Sestri Levante, Italy

**IY1TTM commemorates the
 microwave experiments carried out
 by Marconi in October 1931 from
 Sestri Levante.**





Some station histories ...



DA0IMD

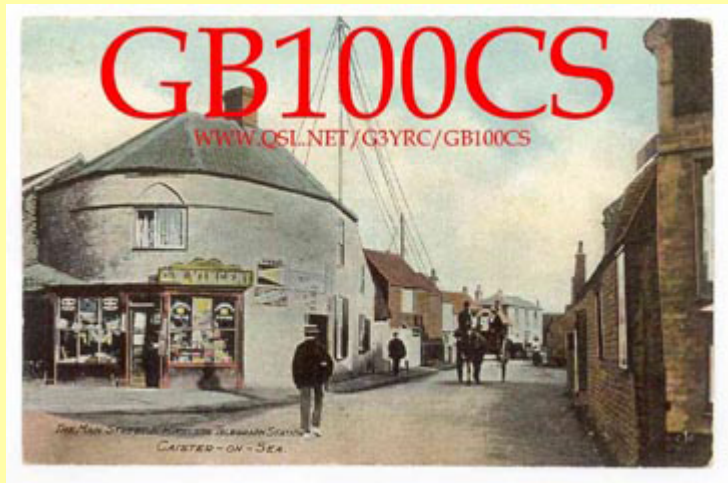
Borkum Island, Germany

Marconi's Wireless Telegraph Company visited the island of Borkum at the end of 1899 to install the first official wireless service in Germany in the island's lighthouse, and then on the 'Borkumriff' lightship in early 1900.





Could Norfolk run an IMD station?



**GB100CS
Caister**

**Was run by the Great Yarmouth Club
to celebrate the centenary of the
coastguard in 2001.**





GB0CMS: Norfolk's own IMD station



Caister Marconi
Station – built in
Pretoria Villa in
1900.





Could Norfolk run another IMD station?



A unique historic three-storey dwelling on the cliff-tops with unrivalled panoramic views along the coastline and across the Wash to Lincolnshire





The QSL cards ...



Steve Nichols G0KYA, Norfolk Amateur Radio Club



Finally ... Good luck!

Come on! We
still need two
more





Useful URLs:

This presentation and propagation predictions:

<http://www.g0kya.blogspot.com>

The official website:

<http://www.gb4imd.org.uk/>

DX Summit:

<http://www.dxsummit.fi>

