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Maritime and Coastguard Agency

Mr A Pegram
Isle of Wight Council
Council Offices, Seaclose
Fairlee Road, Newport
Isle of Wight
Po30 2QS

Your Ref: Wind Farm – Shalcombe.

15 June 2006

Dear Mr Pegram

Re: Proposed Wind Farm – Shalcombe.

I am writing in reply to your letter dated 12 June 2006 informing us of your proposed Wind Farm – Shalcombe.

Wind Turbines could potentially cause problems to VHF coast radio stations. The Agency believes that any effects will be negligible at Medium Frequencies.

Please find attached a map of the HM Coastguard fixed radio sites, a map showing coast radio stations and Marine Information Note (MIN) 49, which gives information on times and frequencies for coast radio stations. Please note that MIN 49 has been cancelled and is for you to use as a reference only.

The Coombe Martin area where our COSPAS/SARSAT site is has a 4 kilometre restriction around it for structures and the MCA would not be able to permit any development that affects the skyline horizon around the site.

The MCA is also concerned with any locations that may lie along the coastline or to the seaward side of our radio sites and areas where the wind farm could cause reflections to our VHF Direction Finders. In addition we have a few microwave links (currently in Kent and South Wales), these would be affected by any structure close to their path.

To reduce the possibility of interference, clearance between these and any wind farms should be provided. If any proposed site is within this area, the coastguard station involved should be contacted directly for their views.

Other potential problems to mariners are to shore radar installations and coastal navigation in general. Any sites in tidal waters require consent under the Coastal Protection Act.

Please forward any further query to myself at the above address.

A black rectangular redaction box covers the signature of D. Wagstaff. Two thin vertical lines extend downwards from the bottom center of the redaction box.

D. Wagstaff
Navigation Safety Branch





Maritime and Coastguard Agency

NEW ARRANGEMENTS FOR THE BROADCAST OF MARITIME SAFETY INFORMATION (MSI) AND MEDICAL LINK CALLS

Notice to Shipowners, Ship Operators, Charterers and Managers, Ships' Masters, Ships' Officers, Engineers, Surveyors and Fishing Vessel Skippers

This Marine Information Note will expire on 1 July 2000.

Summary

This information notice provides important details of changes in the way that safety information and medical emergency messaging is handled.

Key Points:

- The Maritime and Coastguard Agency (MCA) is taking over responsibility for broadcasting MSI from BT.
- Methods of obtaining medical advice/assistance have been changed.
- The four hourly weather broadcasts previously transmitted on VHF Channel 67 will cease.
- Times of broadcasts are given in the Annex to this Notice.
- The broadcast of MSI may be interrupted or delayed as a result of Search and Rescue (SAR) operations.

INTRODUCTION

1. From 2359 on 30 June 1999 in the United Kingdom, the MCA will assume responsibility for providing MSI, and Medical Link Calls (Pan Pan Medico), previously provided by BT Radio Services. MSI comprises navigational, meteorological and ice warnings, meteorological forecasts and other safety related messages.

NAVIGATIONAL WARNINGS

2. The primary means of disseminating navigational warnings is by NAVTEX and SafetyNET. However, they will also be broadcast on VHF (Channel 10 and/or 73) and Medium Frequency Single-Side-Band (MF SSB) channels as soon as they are received and at four hourly intervals.

3. Negative Tide Surge Warnings, when actual tidal heights are less than predicted heights, are issued as navigational warnings, as soon as the information becomes available and are subsequently absorbed into the next scheduled meteorological broadcast.

METEOROLOGICAL MESSAGES

4. As with navigational warnings, the primary means of disseminating meteorological messages is by NAVTEX and SafetyNET with VHF and MF SSB channels also being utilised.

5. Weather information, detailed by area, is broadcast twice daily. Some forecasts and weather warnings are repeated at four hourly intervals including: the Local Inshore Forecast,

Strong Wind Warnings and Gale Warnings. New Strong Wind Warnings and Gale Warnings will be broadcast as soon as they are received and repeated as often as necessary.

TIMES OF BROADCASTS

6. Users should note the times of broadcasts contained in the Annex to this Notice. MCA Maritime Rescue Co-ordination Centres (MRCCs) and Maritime Rescue Sub Centres (MRSCs) will broadcast information relevant to their own district and the areas immediately adjacent to it.

7. It should be noted that the broadcast of MSI may be interrupted or delayed as a result of SAR operations.

MEDICAL LINK CALLS

8. The Master or Skipper of any vessel requiring medical advice should contact the nearest MCA MRCC or MRSC by VHF Channel 16, MF 2182 kHz or DSC. In an urgent situation, they may broadcast "Pan Pan Medico" preceded, if possible, by a DSC Urgency Call for medical assistance.

9. Such calls will be given priority by the MRCC/MRSC. A doctor from a nominated hospital will be contacted by telephone, and the call will be linked through the MRCC/MRSC on a nominated VHF Channel or MF frequency. While the call is being placed, the MRCC/MRSC will ask for additional information such as position and description of the vessel, and if appropriate, brief details of the casualty so that, if necessary, a SAR unit can be scrambled/launched without delay. It should be noted that MRCC/MRSC radio equipment operates in Simplex mode only.

10. The Master or Skipper of a vessel requesting medical assistance for an injured or sick person, should normally seek radio medical advice before asking MCA to arrange SAR assistance. In exceptional cases, the MRCC/MRSC may scramble/launch a SAR unit on receipt of the call, but will also arrange a Medical Link Call for the vessel.

11. Calls for radio medical advice or assistance using INMARSAT codes 32 or 38 remain unchanged.

COMMERCIAL RADIO TELEPHONE TRAFFIC

12. The MCA is not able to undertake commercial radio telephone traffic.

Kim Fisher
Maritime and Coastguard Agency
Navigation Safety
2/30, Spring Place
105 Commercial Road
SOUTHAMPTON
SO15 1EG
02380 329143 (DDI)
02380 329204 (fax)

MNA 139/8/044



An executive agency of the Department of the Environment, Transport and the Regions

ANNEX

The Maritime and Coastguard Agency Broadcast Times for Maritime Safety Information

VHF

Maritime Safety Information will be broadcast by the MCA MRCCs/MRSCs on VHF Channels 10 and/or 73, following an initial announcement on Channel 16. The announcement will indicate the area for which each channel will be used.

The following safety information will be broadcast at four hourly intervals starting at the times shown in column A below:

Local Inshore Forecast (within 12 miles of the coast);

Strong Wind Warnings¹ (force 6 and above for the coastal waters out to 5 miles offshore);

Gale Warnings¹ (force 8 and above);

Navigational Warnings¹ (including Negative Tide Surge Warnings²); and

GUNFACTS/SUBFACTS³ (information on military activities).

Area forecasts will be broadcast twice daily starting at the times shown in column B below. All times shown in the following tables are UTC (Co-ordinated Universal Time).

MRCC/MRSC	A Every four hours per station starting at:	B Twice daily per station starting at:
Swansea	0005	0805
Thames	0010	0810
Clyde	0020	0820
Yarmouth	0040	0840
Solent	0040	0840
Brixham	0050	0850
Dover	0105	0905
Shetland	0105	0905
Stornoway	0110	0910
Pentland	0135	0935
Falmouth	0140	0940
Tyne Tees	0150	0950
Forth	0205	1005
Liverpool	0210	1010
Portland	0220	1020
Holyhead	0235	0635
Oban	0240	0640
Belfast	0305	0705
Aberdeen	0320	0720
Milford Haven	0335	0735
Humber	0340	0740

1. Strong Wind Warnings, Gale Warnings and Navigational Warnings will additionally be broadcast as soon as they are received. Such warnings will also be announced on DSC.

2. Negative Tide Surge Warnings will be broadcast on receipt, and at hourly intervals until the next scheduled routine broadcast. Such warnings will also be announced on DSC.

3. Broadcast from MRCCs Falmouth and Clyde, MRSCs Brixham, Belfast, Oban and Stornoway only.

MF

Maritime Safety Information will also be broadcast by the MCA MRCCs/MRSCs on MF on the designated frequencies shown below, with an initial announcement on MF 2182 kHz.

The following safety information will be broadcast at four hourly intervals starting at the time shown in column A below: Navigational Warnings including Negative Tide Surge Warnings and Gale Warnings.

Area Forecasts will be broadcast twice daily starting at the time shown in column B below.

MRCC/MRSC	Frequency	A Every four hours per station starting at:	B Twice daily per station starting at:
Clyde	1883 kHz	0020 *	0820
Yarmouth	1869 kHz	0040	0840
Solent	1641 kHz	0040	0840
Shetland	1770 kHz	0105	0905
Stornoway	1743 kHz	0110 *	0910
Falmouth	2226 kHz	0140	0940
Tyne Tees	2719 kHz	0150	0950
Holyhead	1880 kHz	0235	1035
Aberdeen	2226 kHz	0320	0720
Milford Haven	1767 kHz	0335	0735
Humber	2226 kHz	0340	0740

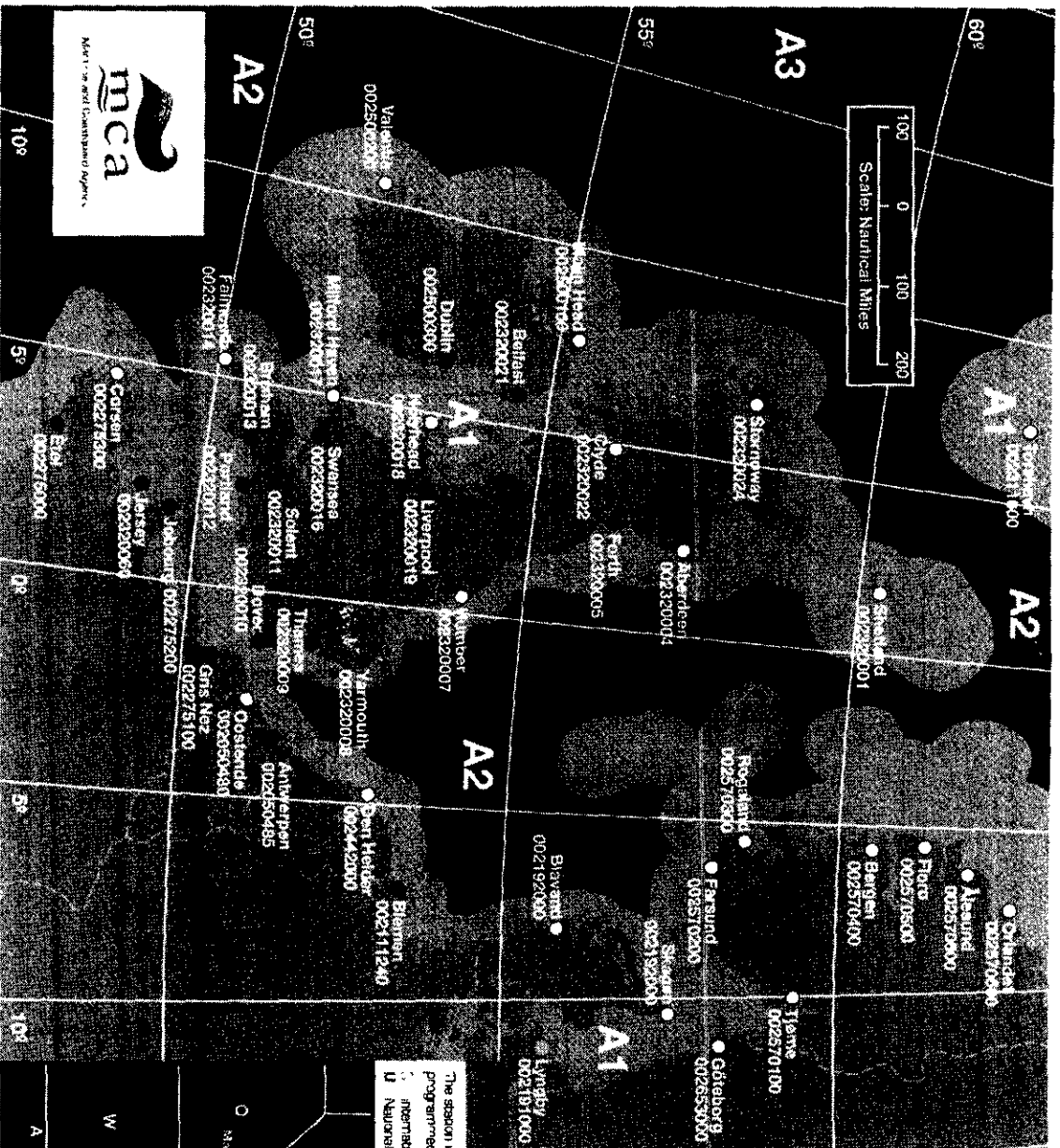
* Broadcasts will also include GUNFATCS/SUBFACTS information on MF relevant to North Atlantic NATO exercises, when advised by the Ministry of Defence.

DSC

The following is a table of Maritime Mobile Service Identities (MMSI) for contacting MRCCs/MRSCs using DSC.

MRCC/MRSC	MMSI VHF	MMSI MF
Shetland	002320001	002320001
Pentland	002320002	
Aberdeen	002320004	002320004
Forth	002320005	
Tyne Tees	002320006	002320006
Humber	002320007	002320007
Yarmouth	002320008	
Thames	002320009	
Dover	002320010	
Solent	002320011	
Portland	002320012	
Brixham	002320013	
Falmouth	002320014	002320014
Swansea	002320016	
Milford Haven	002320017	002320017
Holyhead	002320018	002320018
Liverpool	002320019	
Belfast	002320021	002320021
Clyde	002320022	002320022
Oban	002320023	
Stornoway	002320024	002320024

Routine broadcasts will not be announced on DSC.



Coverage Sea Areas

- Medium Frequency (MF), High Frequency (HF), and Very High Frequency (VHF) Coast Radio Station
- Medium Frequency (MF) and Very High Frequency (VHF) Coast Radio Station
- Very High Frequency (VHF) Coast Radio Station

Sea Area A1

The radiotelephone coverage of VHF coast stations in which continuous alerting by Digital Selective Calling (DSC) is available

Sea Area A2

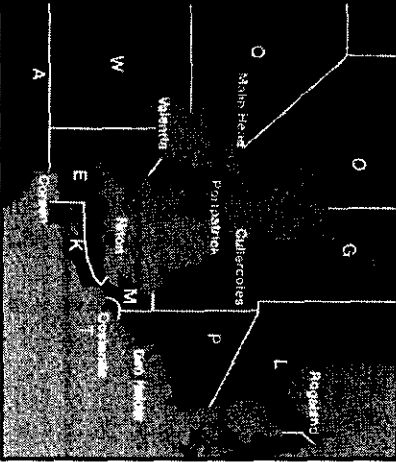
The radiotelephone coverage of MF coast stations in which continuous alerting by Digital Selective Calling is available

Sea Area A3

The coverage of Inmarsat geostationary satellites

The station identity letter allows the NAVTEX receiver to be programmed to print out messages only for the desired service area

- Informational Services on 518kHz
- Maritime Safety Service on 490kHz



VHF Radiotelephone and VHF/MF Broadcast Service

Making a call

Use the right channel

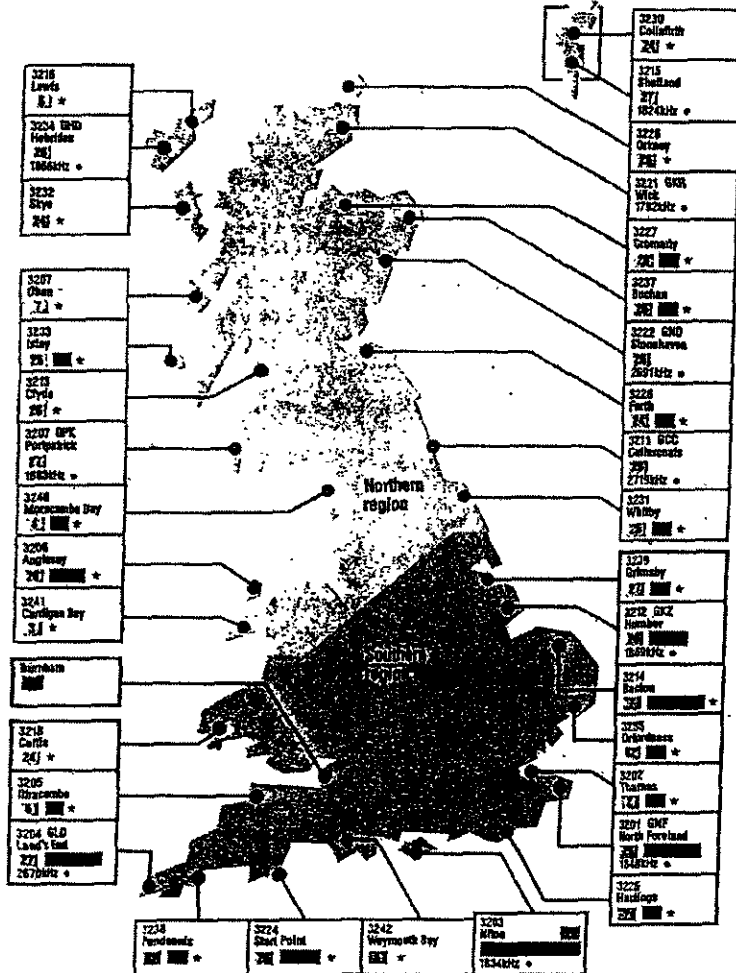
If you are making a telephone or data call, contact the nearest BT coast station by first listening to each of its working channels as shown on the map.

Do not use Channel 16.

You should avoid using the broadcast channel around the scheduled broadcast times.

If you are making a distress call, use only Channel 16 and not the working channels.

BT coast radio stations



Next broadcasts are conducted on 518 kHz from Collieston, Nibe and Portpatrick. Contact BT's Porthead Radio for more information.

Key

GHD	Station call sign	1834kHz	MF broadcast frequency
3203	Station Selfcall identification	.	VHF Only stations
2K	VHF broadcast channel	.	VHF/MF stations
■	Normal working channel		

Listen first

If a channel is being used, you will hear either someone talking or, except in the case of Burnham radio, a series of pips. Please wait until the channel is clear.

If you hear nothing, go ahead with your call.

Always give precedence to distress and other urgent calls. Otherwise, use the ship-to-shore channels as you would your telephone at home.

Calling procedure

First, operate your transmitter for at least eight seconds. If you are successful, you will then hear the pips, followed by the voice of the coast station radio officer who will ask who is calling.

Now give the following information:

- 1 The call sign of your vessel
- 2 The name of your vessel
- 3 The type and quantity of calls, e.g. YTD, BT Chargecard, personal, transfer charge, ADC, data call
- 4 The first telephone number you want to call
- 5 The billing details, e.g. YTD (+ billing number), AAIC code, BT Chargecard number.

Broadcast schedule

Traffic lists will be broadcast together with navigation warnings, weather forecasts and gale warnings at each of the following times, GMT.

Gale warnings are broadcast on receipt and at the next scheduled time (shown below) or, if the first broadcast is at a scheduled time, the warning is repeated at the end of the next silence period.

Northern region

GMT	Type of broadcast
0203	GPK/GHD navigation warnings
0233	GCC/GND/GKR navigation warnings
0303	Gale warning
0603	GPK/GHD navigation warnings
0633	GCC/GND/GKR navigation warnings
0703	Weather bulletin
0903	Gale warning
1003	GPK/GHD navigation warnings
1033	GCC/GND/GKR navigation warnings
1403	GPK/GHD navigation warnings
1433	GCC/GND/GKR navigation warnings
1503	Gale warning
1803	GPK/GHD navigation warnings
1833	GCC/GND/GKR navigation warnings
1903	Weather bulletin
2103	Gale warning
2203	GPK/GHD navigation warnings
2233	GCC/GND/GKR navigation warnings

Southern region

0133	GNF/GKZ navigation warnings
0233	GLD/GNI navigation warnings
0303	Gale warning
0633	GNF/GKZ navigation warnings
0633	GLD/GNI navigation warnings
0733	Weather bulletin
0903	Gale warning
0903	GNF/GKZ navigation warnings
1033	GLD/GNI navigation warnings
1333	GNF/GKZ navigation warnings
1433	GLD/GNI navigation warnings
1503	Gale warning
1733	GNF/GKZ navigation warnings
1833	GLD/GNI navigation warnings
1933	Weather bulletin
2103	Gale warning
2133	GNF/GKZ navigation warnings
2233	GLD/GNI navigation warnings

Directional aerials

In the following areas use:

Brighton Marina	4
Scillies	54
River Severn	7
River Mersey	28
Morecambe Bay Gas Field	61
The Wash	85

