

IHO Commission on the Promulgation
of Radio Navigational Warnings (CPRNW)

CPRNW9-3.3.3-2

International Hydrographic Bureau, Monaco

Origin: WMO

11 – 14 Sep 2007

TITLE : GMDSS Website: Current Status and Future Developments

Submitted by the WMO Secretariat

Prepared by Mr Henri Savina, chairperson of the JCOMM Expert Team on Maritime Safety Services

1. ACTION REQUIRED:

1.1 Per request of the IHO/CPRNW, at its 8th session, this document includes the description of the current status and functionalities, and the expected future developments for the JCOMM GMDSS website (<http://weather.gmdss.org>). It also provides some suggestions for developing an equivalent website for Navigational Warnings. The IHO/CPRNW is invited to comment, evaluate the need and feasibility to build the above-mentioned equivalent website and, to propose a tentative work plan for actions to be developed in cooperation with WMO, if appropriate.

2. BACKGROUND:

2.1 More and more SOLAS and non-SOLAS vessels, skippers or shipmasters are able or will be able to connect to the Internet, both onshore or onboard (using SOLAS material or others). Their systems allow them not only to receive Maritime Safety Information (MSI), but also to search or ask for (e.g. E-Mail) MSI or additional products.

2.2 An increasing volume of meteorological information is now available on the Internet, including free or commercial data, issued by National Meteorological Services (NMSs) or by private companies. Even if there are clearly “official voices” allowed to broadcast MSI (appointed by national authorities and internationally coordinated by WMO) through the official channels used for the dissemination at sea (Inmarsat SafetyNet and International NAVTEX for GMDSS - VHF, HF, National NAVTEX or others for national broadcast systems), it is complicated for end-users, including professionals, to select the relevant information from all data available on the web, even for the safety at sea. Generally, it is often difficult to qualify the information available on the Internet (i.e., Which is the agency or service that issued the products? How such products are prepared? Do they include human expertise/validation or are they automated and/or objective products?, etc). Another potential problem is in fact, accessing conflicting information.

2.3 Even if GMDSS MSI are more readily available on the Internet, they are dispersed throughout the Web, and it is not easy to know or maintain current an appropriate list of updated addresses. Another potential difficulty is that an English interface is not always available for end-users.

2.4 Thus, the creation and promotion of a unique portal, to identify this GMDSS “single official web voice” for end-users worldwide, can be considered as a highly beneficial feature, both for mariners, who would rapidly have access to the needed MSI, and for the visibility of the NMS concerned.

2.5 The first session of the JCOMM Expert Team on Maritime Safety Services (ETMSS-I, Lisbon September 2002) approved France’s proposal to develop and host the GMDSS Services web site for JCOMM, including, at least in a first version, the real-time bulletins and warnings prepared by Issuing Services for SafetyNet dissemination, to support ships (both SOLAS and non-SOLAS) with capability for Internet connection. It emphasized that the website should offer the possibility of consulting pages containing only textual information because of the bandwidth constraint and be constructed in full consistency with that developed for WMO Publication No. 9, Vol. D. It also recommended to review

the possibility to offer e-mail access to the bulletins. Issuing Services were requested to ensure that their bulletins (warnings and schedules), are available via the WMO Global Telecommunication System (GTS) and to provide France with their GTS Headers. It was agreed that Issuing Services would be requested to formally designate their focal point on this matter.

2.6 It was not envisioned that such a service would replace the standard services, SafetyNET and NAVTEX, but would provide a valuable additional service, as there was no doubt that any additional method of dissemination of safety information was welcomed.

2.7 The WMO Secretariat officially registered the web domain named "***gmdss.org***" until January 2011. All Issuing Services have made their products (warnings and schedules) available through the GTS, prepared for SafetyNet broadcast, to feed the first version of the GMDSS website, developed and implemented by Météo-France (<http://weather.gmdss.org>). Details on operating cycle, bulletins management and hits are given in appendices A to C.

2.8 The tools, design and graphics of this website are tuned and optimized for onboard access, to minimize the connection time (i.e. the transmission costs) and to take into account the potential low bandwidth telecommunication systems that are the main specific constraints or needs. The contents and "coating" of pages are as light as possible (text or html formats used with very few graphics or images). The useful information is obtained after a minimum number of "clicks" (1 or 2).

2.9 Despite the reliability of this website, it is important to recall that this method to obtain the MSI shall not replace the official way(s) to get them for SOLAS vessels or others (SafetyNet or NAVTEX for GMDSS): it should be considered as an additional means to reach this information, without the same operational guarantee than the "official" means. A disclaimer clearly notes on each page of the website that: "*The Internet is **not** part of the Maritime Safety Information's operational data stream and should never be relied upon as a means to obtain the latest forecast and warning information. Access to the Site may be interrupted or delayed from time to time, update may also experience occasional gaps. Please refer to OFFICIAL sources, Inmarsat SafetyNET or international NAVTEX services, for more complete information.*"

2.10 An automated system has been developed to monitor the availability of scheduled bulletins. In case of problems, persons in charge for monitoring of the GMDSS website are warned by E-mail and then can rapidly investigate the issues, in cooperation with the ad-hoc Issuing Service, if needed.

2.11 Additionally, both <http://> and E-mail access to all the GMDSS bulletins placed on this website (gathered in packages) are also available. The E-mail access is based on the system developed for Météo-France Navimail service (<http://www.meteo.fr/marine/navimail>). A disclaimer also clearly notes on the top of each package that: "*NAVIMAIL is not part of the Maritime Safety Information's operational data stream and should never be relied upon as the only means to obtain the latest forecast and warning information. Access to the service may be interrupted or delayed from time to time, update may also experience occasional gaps. Please refer to GMDSS OFFICIAL sources, Inmarsat SafetyNET or international NAVTEX services, for more complete information.*" Details on packages, request format for E-mail and [http](http://) access and hits are given in Appendices B and C.

2.12 This first version of the website, that contains all the met-ocean SafetyNet products, has now been in operation for about three years, with significant success. The positive feedback received from SOLAS or non-SOLAS users, demonstrates that this official website is warmly welcomed by mariners. Some papers promoting this website have been published in the past few years, for example in the WMO Bulletin (April 2004). In addition, we have promoted cross-links and cooperation with other related organizations or websites. For example, a cross-link with the Severe Weather Information Centre (SWIC) website (<http://severe.worldweather.org/>), coordinated by the WMO Commission for Basic Systems (CBS), and a link to the European Meteoalarm website, from Eumetnet, have been added recently.

2.13 On each Metarea page, as appropriate and when they are available, links to the existing ad-hoc marine section of the website of the Issuing or Preparation service(s) are included, and all National

Meteorological Services (NMSs) are urged to add a link to the GMDSS website on their own website. There is no overlap or redundancy with the development of dedicated websites at a national or Metarea level.

2.14 The ETMSS, at its second session (Angra dos Reis, Brazil, January 2007), proposed some actions or suggestions to move forward in developing the GMDSS website, in particular:

- ✓ The Team agreed to include as soon as possible the met-ocean NAVTEX bulletins. A specific action will be coordinated by the chairperson, with all Issuing Services, to organize the insertion on the GTS of all met-ocean NAVTEX products, and the gathering of the appropriate information in the same tabular form used in Appendix A.
- ✓ As soon as a web-based or a “fill-able” .pdf form questionnaire for the Monitoring of Marine Meteorological Services will be made available and the appropriate link(s) will be included on the GMDSS website.
- ✓ Future MSI in graphical or numerical data should be included, when available. Such information will then be made available on “pull mode”, in addition or waiting for the implementation of appropriate “push” facilities.
- ✓ All NMSs, in particular Issuing Services, are strongly encouraged to promote this website by all appropriate means. The first suggestion is to include (if not already done), the *ad-hoc* link on the marine section of NMSs websites. Training courses and articles are also potential ways to make this website more visible to mariners. The WMO Secretariat and ETMSS Chairperson will prepare the *ad-hoc* information document and brochure for this purpose.
- ✓ The Team also suggested investigating the possibility to develop some graphic functionality, like interactive maps (e.g., showing the METAREA(s) with warning(s) in force). A small *ad-hoc* group will help the Chairperson on this task.
- ✓ It was also further suggested making the e-mail access more visible on the website.

2.15 During a joint WMO/IMO consultative meeting that took place in February 2007 in Geneva, Switzerland, the GMDSS website was presented. The IMO representative, Mr Hartmut Hesse, noted with appreciation this website and expressed IMO’s interest to collaborate on its improvement.

3. COMMENTS / ADDITIONAL INFORMATION:

3.1 JCOMM-II noted that feedback from the maritime community indicated that there was a growing demand for MSI, including Navigational Warnings, to be reproduced on the Web, so that they might be accessed at any time. The IMO International NAVTEX and SafetyNET Coordinating Panel, at its 8th session (May 2003), had a similar analysis as the one made by the ETMSS for the GMDSS website: it was not envisioned that such a service for navigational warnings would replace the standard services, SafetyNET and NAVTEX, but would provide a valuable additional service, as there was no doubt that any additional method of dissemination of safety information was welcomed. JCOMM-II therefore requested ETMSS, and especially the chairperson, to liaise with IHO and IMO, in view of coordinating the use of the common URL *gmdss.org* for the provision of both meteorological and navigational warning information in real-time via the Web.

3.2 The ETMSS Chairperson presented this website to the IHO/CPRNW at the 7th and 8th sessions (Monaco, September 2005; and Buenos-Aires, September 2006, respectively) and the JCOMM offered to share the “*gmdss.org*” domain (Why not something like “*navwarnings.gmdss.org*”?). At its last session, most of the Navarea Coordinators represented informed the IHO/CPRNW that they already provide, or intend to provide on-line, mainly in delayed-mode, GMDSS MSI. The IHO/CPRNW decided to continue to monitor MSI web-based issues and requested ETMSS Chairperson, as WMO representative, to prepare a detailed working document on the JCOMM GMDSS website to be discussed during its 9th session.

3.3 WMO reiterates its offer to coordinate the use of the URL domain “gmdss.org” for the provision of both meteorological and navigational warning information on the Web. Meteo-France, that developed and maintains the GMDSS website for JCOMM, could provide technical assistance to the focal point that could be identified to work on the provision on Navigational Warnings on this portal. Some tools, pages or functionalities developed by Meteo-France could be used or adapted by this focal point.

3.4 Nevertheless, due to differences in operational systems and in the management of messages, some important issues will have to be considered by IHO before, in particular:

- ✓ Dissemination and collection of messages: the global WMO Global Telecommunication System (GTS), operational for decades for the exchange of data and products between NMSs, has been “naturally” used to gather the met-ocean products. But such a global network and switching system seems not to be available for Navigational Warnings at the moment. WMO Information System (WIS)¹ can be consider for such purposes.
- ✓ Management of the messages : for met-ocean MSI (see Appendix A), it is quite simple, as the retention can be considered as fixed for a dedicated message, that, in most cases, replace the previous one (if there is one in force for warnings). At least for SafetyNet products, the number of messages in force per Metarea is (very) limited. It is certainly more complicated for Navigational Warnings and the system will have to deal with that.
- ✓ Update frequency: the met-ocean information has to be made available in real-time but it is not supposed to be a problem with the GTS more than 99% of the time. It is to be defined for Navigational Warnings (real-time or “delayed” mode? If delayed mode, which update frequency? The same for all the messages?, etc.).

3.5 The promotion of the GMDSS website could also be made through the IMO and IHO. The WMO Secretariat and ETMSS Chairperson will prepare the *ad-hoc* information document and brochure for this purpose.

4. RECOMMENDATION(S):

none

5. ACTION REQUESTED :

none

Appendices: 3

¹ The [WMO Information system](#) (WIS) is the pillar of the WMO strategy for managing and moving weather, water and climate information in the 21st century. WIS provides an integrated approach suitable for all WMO Programmes to meet the requirements for routine collection and automated dissemination of observed data and products, as well as data discovery, access and retrieval services for all weather, climate, water and related data produced by centres and Member countries in the framework of any WMO Programme. WIS is being designed to dramatically extend WMO Member’s ability to collect and disseminate data and products. It will be the core information system utilized by WMO Members, providing linkages for all WMO and supported programmes associated with weather, climate, water, and related natural disasters. It is being built upon the WMO [Global Telecommunication System](#), using standard elements and at a pace feasible for all Members.

- A. Operating cycle and bulletins management
- B. E-Mail request format and http access
- C. Statistics

OPERATING CYCLE AND BULLETINS MANAGEMENT

The current principle of the web site is to create frequently (every 5 minutes) each METAREA page containing the updated list of the bulletins available and to associate each new bulletin a single name (which it preserves as much as the bulletin is available – for example *METAREA3E.HIGH_SEAS_FORECAST.0930.181013346067.html*). This single name cannot be used to get automatically the bulletin, as the third part of it (0930.181013346067) is different for each bulletin. Retention, management & apparent name (the second part of the single name, appearing on Metarea pages) of each bulletin are given in the tabular below.

Issuing Service	Preparation Service	Satellite Ocean Regions (scheduled bulletins)
Greece (Hellas)	France (western Mediterranean Sea)	AOR (E)

NAME	DATE
EAST / HIGH SEAS WARNING	August 18 2006 - 10:01:29 UTC
EAST / HIGH SEAS FORECAST	August 18 2006 - 10:16:31 UTC
WEST / HIGH SEAS FORECAST	August 18 2006 - 08:49:24 UTC

The customer must make sure that the Metarea page posted at his place is per hour (+ - 5mn) and in this case it has the most recent information available (use the “reload” button). This in order to avoid the problems related to the possible presence of Proxy (master cache) and activation by default of the cache of the navigators. It is thus essential that customers consulting the web site pass initially by the Metarea page to ensure to have the last bulletins available.

Additional solutions to recover the bulletins automatically are available through Navimail service or by http (only packages - and not single bulletins - are available) see Appendix B. Users are also able to get the single bulletins by passing a preliminary analysis of the Metarea page to recover the lines containing the name of the bulletins (the chains: "bulletins /").

BULLETINS MANAGEMENT

HEADER	METAREA	NAME ON THE WEB SITE	RETENTION (in hours)	MANAGEMENT	COMMENTS
FQNT21.EGRR	1	HIGH_SEAS_FORECAST	27	REPLACE	
WONT54.EGRR	1	HIGH_SEAS_WARNING	15	REPLACE	
FPUK71.EGRR	1	OFF_SHORE_FORECAST	27	REPLACE	
WOUK50.EGRR	1	OFF_SHORE_WARNING	9	ALL	Name completed with order number (1,2,3...)
FQNT50.LFPW	2	HIGH_SEAS_FORECAST	27	REPLACE	
FQNT52.LFPW	2	HIGH_SEAS_FORECAST	27	REPLACE	
WONT50.LFPW	2	HIGH_SEAS_WARNING	15	REPLACE	
FQME22.LGAT	3E	HIGH_SEAS_FORECAST	27	REPLACE	
WWME22.LGAT	3E	HIGH_SEAS_WARNING	15	REPLACE	
FQMQUX.LFPW	3W	HIGH_SEAS_FORECAST	27	REPLACE	
WOMQ50.LFPW	3W	HIGH_SEAS_WARNING	15	REPLACE	
FZNT01.KWBC	4	HIGH_SEAS_FORECAST	15	REPLACE	
WTNT21.KNHC	4	HURRICANE_ADVISORY	9	REPLACE	Name completed with "1"
WTNT22.KNHC	4	HURRICANE_ADVISORY	9	REPLACE	Name completed with "2"
WTNT23.KNHC	4	HURRICANE_ADVISORY	9	REPLACE	Name completed with "3"
WTNT24.KNHC	4	HURRICANE_ADVISORY	9	REPLACE	Name completed with "4"
WTNT25.KNHC	4	HURRICANE_ADVISORY	9	REPLACE	Name completed with "5"
FQST02.SBBR	5	HIGH_SEAS_FORECAST	27	REPLACE	
WWST02.SBBR	5	HIGH_SEAS_WARNING	15	REPLACE	
WWST02.SABM	6	HIGH_SEAS_FORECAST_NORTH_60S	27	REPLACE	
WWAA02.SAWB	6	HIGH_SEAS_FORECAST_SOUTH_60S	27	REPLACE	
FQZA31.FAPR	7	HIGH_SEAS_FORECAST	27	REPLACE	
WTIO22.FMEE	7	TROPICAL_CYCLONE_WARNING	9	ALL	Name completed with order number (1,2,3...)
WTIO24.FMEE	7	TROPICAL_CYCLONE_WARNING	9	ALL	Name completed with order number (1,2,3...)
FQIN01.DEMS	8N	HIGH_SEAS_FORECAST	27	REPLACE	
WTIN01.DEMS	8N	HIGH_SEAS_WARNING	15	REPLACE	
FQIO25.FIMP	8S	HIGH_SEAS_FORECAST	27	REPLACE	
FQIO26.FIMP	8S	HIGH_SEAS_FORECAST	27	REPLACE	
WTIO20.FMEE	8S	TROPICAL_CYCLONE_WARNING	9	ALL	Name completed with order number (1,2,3...)
WTIO22.FMEE	8S	TROPICAL_CYCLONE_WARNING	9	ALL	Name completed with order number (1,2,3...)
WWPK20.OPKC	9	HIGH_SEAS_FORECAST	27	REPLACE	
FQAU20.ABRF	10	HIGH_SEAS_FORECAST_NORTH-EASTERN-AREA	27	REPLACE	
FQAU21.ADRM	10	HIGH_SEAS_FORECAST_NORTHERN-AREA	27	REPLACE	
FQAU22.AMRF	10	HIGH_SEAS_FORECAST_SOUTH-EASTERN-AREA	27	REPLACE	
FQAU23.APRF	10	HIGH_SEAS_FORECAST_WESTERN-AREA	27	REPLACE	
WTAU01.ABRF	10	TROPICAL_CYCLONE_GALE_WARNING_BRISBANE	9	REPLACE	Name completed with "01"
WTAU02.ABRF	10	TROPICAL_CYCLONE_GALE_WARNING_BRISBANE	9	REPLACE	Name completed with "02"

HEADER	METAREA	NAME ON THE WEB SITE	RETENTION (in hours)	MANAGEMENT	COMMENTS
WTAU03.ADRM	10	TROPICAL_CYCLONE_WARNING_DARWIN	9	REPLACE	Name completed with "03"
WTAU04.ADRM	10	TROPICAL_CYCLONE_WARNING_DARWIN	9	REPLACE	Name completed with "04"
WTAU05.APRF	10	TROPICAL_CYCLONE_WARNING_PERTH	9	REPLACE	Name completed with "05"
WTAU06.APRF	10	TROPICAL_CYCLONE_WARNING_PERTH	9	REPLACE	Name completed with "06"
WTAU07.APRF	10	TROPICAL_CYCLONE_WARNING_PERTH	9	REPLACE	Name completed with "07"
WTAU10.ADRM	10	TROPICAL_CYCLONE_WARNING_DARWIN	9	REPLACE	Name completed with "10"
WTAU11.ADRM	10	TROPICAL_CYCLONE_WARNING_DARWIN	9	REPLACE	Name completed with "11"
WTAU12.ADRM	10	TROPICAL_CYCLONE_WARNING_DARWIN	9	REPLACE	Name completed with "12"
WTAU13.ADRM	10	TROPICAL_CYCLONE_WARNING_DARWIN	9	REPLACE	Name completed with "13"
WOAU01.ABRF	10	WARNING_BRISBANE	9	REPLACE	Name completed with "01"
WOAU02.ABRF	10	WARNING_BRISBANE	9	REPLACE	Name completed with "02"
WOAU03.ADRM	10	WARNING_DARWIN	9	REPLACE	Name completed with "03"
WOAU04.ADRM	10	WARNING_DARWIN	9	REPLACE	Name completed with "04"
WOAU05.APRF	10	WARNING_PERTH	9	REPLACE	Name completed with "05"
WOAU06.APRF	10	WARNING_PERTH	9	REPLACE	Name completed with "06"
WOAU07.APRF	10	WARNING_PERTH	9	REPLACE	Name completed with "07"
WOAU08.APRF	10	WARNING_PERTH	9	REPLACE	Name completed with "08"
WOAU09.ASRF	10	WARNING_SYDNEY	9	REPLACE	Name completed with "09"
WOAU10.ASRF	10	WARNING_SYDNEY	9	REPLACE	Name completed with "10"
WOAU11.APRM	10	WARNING_ADELAIDE	9	REPLACE	Name completed with "11"
WOAU12.AMRF	10	WARNING_MELBOURNE	9	REPLACE	Name completed with "12"
WHAU01.ABRF	10	SEVERE_TROPICAL_CYCLONE_WARNING_BRISBANE	9	REPLACE	Name completed with "01"
WHAU02.ABRF	10	SEVERE_TROPICAL_CYCLONE_WARNING_BRISBANE	9	REPLACE	Name completed with "02"
WTNG01.AYPY	10	TROPICAL_CYCLONE_WARNING_PORT_MORESBY	9	REPLACE	Name completed with "01"
WTNG02.AYPY	10	TROPICAL_CYCLONE_WARNING_PORT_MORESBY	9	REPLACE	Name completed with "02"
WHNG01.AYPY	10	SEVERE_TROPICAL_CYCLONE_WARNING_PORT_MORESBY	9	REPLACE	
WONG01.AYPY	10	WARNING_PORT_MORESBY	9	REPLACE	Name completed with "01"
WONG02.AYPY	10	WARNING_PORT_MORESBY	9	REPLACE	Name completed with "02"
WWCI50.BABJ	11	HIGH_SEAS_FORECAST_CHINA	27	REPLACE	
WWHK82.VHHH	11	HIGH_SEAS_FORECAST_HONG_KONG_CHINA	27	REPLACE	
WWJP25.RJTD	11	HIGH_SEAS_FORECAST_JAPAN	27	REPLACE	
FQAU21.ADRM	11	HIGH_SEAS_FORECAST_NORTHERN-AREA_AUSTRALIA	27	REPLACE	
WWJP26.RJTD	11	HIGH_SEAS_WARNING_JAPAN	9	REPLACE	
WTJP21.RJTD	11	TYPHOON_WARNING_JAPAN	9	REPLACE	Name completed with "1"
WTJP22.RJTD	11	TYPHOON_WARNING_JAPAN	9	REPLACE	Name completed with "2"
WTJP23.RJTD	11	TYPHOON_WARNING_JAPAN	9	REPLACE	Name completed with "3"
WTJP24.RJTD	11	TYPHOON_WARNING_JAPAN	9	REPLACE	Name completed with "4"
WTJP25.RJTD	11	TYPHOON_WARNING_JAPAN	9	REPLACE	Name completed with "5"
WTJP26.RJTD	11	TYPHOON_WARNING_JAPAN	9	REPLACE	Name completed with "6"
WTJP31.RJTD	11	TYPHOON_WARNING_JAPAN	9	REPLACE	Name completed with "1"

HEADER	METAREA	NAME ON THE WEB SITE	RETENTION (in hours)	MANAGEMENT	COMMENTS
WTJP32.RJTD	11	TYPHOON_WARNING_JAPAN	9	REPLACE	Name completed with "2"
WTJP33.RJTD	11	TYPHOON_WARNING_JAPAN	9	REPLACE	Name completed with "3"
WTJP34.RJTD	11	TYPHOON_WARNING_JAPAN	9	REPLACE	Name completed with "4"
WTJP35.RJTD	11	TYPHOON_WARNING_JAPAN	9	REPLACE	Name completed with "5"
WTJP36.RJTD	11	TYPHOON_WARNING_JAPAN	9	REPLACE	Name completed with "6"
WTAU03.ADRM	11	TROPICAL_CYCLONE_WARNING_DARWIN	9	REPLACE	Name completed with "03"
WTAU04.ADRM	11	TROPICAL_CYCLONE_WARNING_DARWIN	9	REPLACE	Name completed with "04"
WTAU10.ADRM	11	TROPICAL_CYCLONE_WARNING_DARWIN	9	REPLACE	Name completed with "10"
WTAU11.ADRM	11	TROPICAL_CYCLONE_WARNING_DARWIN	9	REPLACE	Name completed with "11"
WTAU12.ADRM	11	TROPICAL_CYCLONE_WARNING_DARWIN	9	REPLACE	Name completed with "12"
WTAU13.ADRM	11	TROPICAL_CYCLONE_WARNING_DARWIN	9	REPLACE	Name completed with "13"
WOAU03.ADRM	11	WARNING_DARWIN	9	REPLACE	Name completed with "03"
WOAU04.ADRM	11	WARNING_DARWIN	9	REPLACE	Name completed with "04"
FZPN02.KWBC	12	HIGH_SEAS_FORECAST	15	REPLACE	
WTPZ21.KNHC	12	HURRICANE_ADVISORY_EAST_140W	9	REPLACE	Name completed with "1"
WTPZ22.KNHC	12	HURRICANE_ADVISORY_EAST_140W	9	REPLACE	Name completed with "2"
WTPZ23.KNHC	12	HURRICANE_ADVISORY_EAST_140W	9	REPLACE	Name completed with "3"
WTPZ24.KNHC	12	HURRICANE_ADVISORY_EAST_140W	9	REPLACE	Name completed with "4"
WTPZ25.KNHC	12	HURRICANE_ADVISORY_EAST_140W	9	REPLACE	Name completed with "5"
WTPA21.PHFO	12	HURRICANE_ADVISORY_WEST_140W	9	REPLACE	Name completed with "6"
WTPA22.PHFO	12	HURRICANE_ADVISORY_WEST_140W	9	REPLACE	Name completed with "7"
WTPA23.PHFO	12	HURRICANE_ADVISORY_WEST_140W	9	REPLACE	Name completed with "8"
WTPA24.PHFO	12	HURRICANE_ADVISORY_WEST_140W	9	REPLACE	Name completed with "9"
WTPA25.PHFO	12	HURRICANE_ADVISORY_WEST_140W	9	REPLACE	Name completed with "10"
FQRA01.RUVV	13	HIGH_SEAS_FORECAST	27	REPLACE	
WORA01.RUVV	13	HIGH_SEAS_WARNING	15	REPLACE	
FQRS01.RUSP	ARCTIC_OCEAN	HIGH_SEAS_FORECAST	27	REPLACE	
WORS01.RUSP	ARCTIC_OCEAN	HIGH_SEAS_WARNING	15	REPLACE	
FQPS01.NFFN	14	HIGH_SEAS_FORECAST_AREA_ISLANDS	27	REPLACE	
FQPS43.NZKL	14	HIGH_SEAS_FORECAST_AREA_SUBTROPIC	27	REPLACE	
FQPS44.NZKL	14	HIGH_SEAS_FORECAST_AREA_FORTIES	27	REPLACE	
FQPS45.NZKL	14	HIGH_SEAS_FORECAST_AREA_PACIFIC	27	REPLACE	
WOPS01.NFFN	14	GALE_STORM_WARNING_NORTH_25S	15	REPLACE	
WHPS01.NFFN	14	HURRICANE_WARNING_NORTH_25S	15	REPLACE	
WWNZ40.NZKL	14	GALE_STORM_WARNING_SOUTH_25S	15	REPLACE	
WTNZ41.NZKL	14	TROPICAL_CYCLONE_WARNING_SOUTH_25S	15	REPLACE	
FZPS02.SCSC	15	HIGH_SEAS_FORECAST_COASTAL	15	REPLACE	
FZPS04.SCSC	15	HIGH_SEAS_FORECAST	15	REPLACE	
FZAA02.SCSC	15	HIGH_SEAS_FORECAST_ANTARCTIC	15	REPLACE	
FZPN04.KWHC	16	HIGH_SEAS_FORECAST	15	REPLACE	

E-MAIL REQUEST FORMAT AND HTTP ACCESS

E-Mail request format

All SafetyNET products available on the JCOMM GMDSS Web site (<http://weather.gmdss.org>) are also available by E-mail via **Navimail** and thus accessible free of charge on simple email request. Your request has to be sent by E-Mail and the bulletins will be received in your E-Mail box.

Météo-France provides a user friendly interface (PC compatible) to help you compose the E-Mail request. This interface can be downloaded on the web : on the English page of Navimail, choose "first download", or use directly http://www.meteo.fr/meteonet/services/navimail/installation_en.html (then chose "other" in the upper part if you are interested only by bulletins and images - you can download also the full Maxsea package if you are interested also in GRIB products).

But the use of this interface is not mandatory. You can directly send your E-Mail request to the address: **navimail@meteo.fr** (optional subject), using the specific format described below :

Single bulletins are not directly available by E-Mail. For E-Mail requests, all the GMDSS SafetyNet messages of the same Metarea are generally included in the same package (warning(s) first, then scheduled bulletin in force). Mariners do not need to know if there is a warning in force : he will receive all the meteorological MSI in force for the Metarea (or the part of the Metarea) he asked for. All packages are updated in real-time (depending of course of the GTS reception in Toulouse, France). The complete list of packages is available below :

gmdss_metarea1_inmarsat	(North Part of North Atlantic Ocean (High Seas))
gmdss_metarea1_offshore	(Northeast Part of North Atlantic Ocean (Offshore))
gmdss_metarea2_inmarsat	(East Part of North Atlantic Ocean)
gmdss_metarea3-w_inmarsat	(East Mediterranean Sea)
gmdss_metarea3-e_inmarsat	(West Mediterranean Sea)
gmdss_metarea4_inmarsat	(West Part of North Atlantic Ocean)
gmdss_metarea5_inmarsat	(North Part of South Atlantic Ocean)
gmdss_metarea6_n-60_inmarsat	(South Atlantic Ocean North of 60S)
gmdss_metarea6_s-60_inmarsat	(South Atlantic Ocean South of 60S)
gmdss_metarea7_inmarsat	(SE Atlantic Ocean + extreme SW of Indian Ocean)
gmdss_metarea8-n_inmarsat	(North indian Ocean)
gmdss_metarea8-s_inmarsat	(Southwest of Indian ocean)
gmdss_metarea9_inmarsat	(Red Sea, Gulf of Aden, Arabian Sea, Persian Gulf)
gmdss_metarea10-ne_inmarsat	(Northeast of Australia (Pacific ocean))
gmdss_metarea10-n_inmarsat	(North of Australia)
gmdss_metarea10-w_inmarsat	(Southeast of Indian ocean)
gmdss_metarea10-se_inmarsat	(Southeast of Australia (Pacific ocean))
gmdss_metarea11-ior_inmarsat	(West part of the North Pacific Ocean (China))
gmdss_metarea11-por_inmarsat	(West part of the North Pacific Ocean (Japan))
gmdss_metarea11-s-equator_inmarsat	(West part of the Pacific Ocean, south equator)
gmdss_metarea12_inmarsat	(East part of the North Pacific Ocean)
gmdss_metarea13_inmarsat	(Northwest of Pacific Nord and part of Arctic waters)
gmdss_arctic_ocean	(from SW corner 67N, 44E to NE corner 80N, 165W)
gmdss_metarea14-south_inmarsat	(South Pacific south of 25S)
gmdss_metarea14-tropics_inmarsat	(South Pacific north of 25S)

gmdss_metarea15_inmarsat
gmdss_metarea16_inmarsat

(Southeast Pacific)
(Southeast Pacific between 18S and 3S)

To obtain one or some of these packages, just send an email to the address: **navimail@meteo.fr** (optional subject) and the body will contain, between two compulsory beacons, one or several names of these packages.

Few seconds or minutes later you will receive back an email containing the requested information.

Example 1 :

@mto@reqt@bull@
gmdss_metarea3-e_inmarsat
@mto@reqt@fin@

Example 2 :

@mto@reqt@bull@
gmdss_metarea3-w_inmarsat
gmdss_metarea3-e_inmarsat
@mto@reqt@fin@

If you wish to receive one or several messages directly in the body of the answer (no attached details) it is necessary to add in the list, anywhere, between the 2 beacons, the line "noattach"

Example 3:

@mto@reqt@bull@
gmdss_metarea3-e_inmarsat
noattach
@mto@reqt@fin@

http access

Like for E-Mail requests, single bulletins are not directly accessible by http through a unique address. For http access, the same packages prepared for E-Mail, that gather all the GMDSS SafetyNet messages of one Metarea (or a part of it) (warning(s) first, then scheduled bulletin in force), are available. Mariners do not need to know if there is a warning in force : he will ask all the meteorological MSI in force for the Metarea (or the part of the Metarea). All packages are updated in real-time (depending of course of the GTS reception in Toulouse, France). The complete list of links is available below :

http://weather.gmdss.org/navimail/GMDSS_METAREA1_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_METAREA1_OFFSHORE
http://weather.gmdss.org/navimail/GMDSS_METAREA2_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_METAREA3-W_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_METAREA3-E_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_METAREA4_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_METAREA5_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_METAREA6_N-60_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_METAREA6_S-60_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_METAREA7_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_METAREA8-N_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_METAREA8-S_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_METAREA9_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_METAREA10-NE_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_METAREA10-N_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_METAREA10-W_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_METAREA10-SE_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_METAREA11-IOR_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_METAREA11-POR_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_METAREA11-S-EQUATOR_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_METAREA12_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_METAREA13_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_ARCTIC_OCEAN
http://weather.gmdss.org/navimail/GMDSS_METAREA14-SOUTH_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_METAREA14-TROPICS_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_METAREA15_INMARSAT
http://weather.gmdss.org/navimail/GMDSS_METAREA16_INMARSAT

Sample of package "gmdss_metarea2_inmarsat"

GMDSS_METAREA2_INMARSAT

=====

Caution: NAVIMAIL is not part of the Maritime Safety Information's operational data stream and should never be relied upon as the only means to obtain the latest forecast and warning information. Access to the service may be interrupted or delayed from time to time, update may also experience occasional gaps. Please refer to GMDSS OFFICIAL sources, Inmarsat SafetyNET or international NAVTEX services, for more complete information

=====

WONT50 LFPW 200835

A

SECURITE ON METAREA 2, METEO-FRANCE,

WARNING NR 363 , FRIDAY 20 JULY 2007 AT 0835 UTC

GENERAL SYNOPSIS, FRIDAY 20 AT 00 UTC

HEAT LOW OVER SAHARA EXTENDED WITH TROUGH TO SOUTH OF MOROCCO, WITH LITTLE CHANGE.

AGADIR

CONTINUING TO 20/21UTC.

IN EAST: NORTHEASTERLY OCCASIONALLY 8. GUSTS.=

=====

FQNT50 LFPW 200849

A

SECURITE

Weather bulletin for METAREA 2, METEO-FRANCE,

Toulouse, Friday 20 July 2007 at 09 UTC.

- Wind speed in BEAUFORT SCALE - Sea : Total significant -

- Please be aware, wind gusts can be a further 40 percent stronger than the averages given here, and maximum waves may be up to twice the significant height.

Part 1 : WARNING 363.

Part 2 : General synopsis, Friday 20 at 00 UTC

High 1032 40N40W slightly building with little move. Associated trough extended to Gibraltar.

Shallow trough over east of FARADAY ALTAIR, drifting southeast, expected over CHARCOT later.

New low deepening in southeast of Greenland, expected 998 57N31W by 21/12UTC, moving southeast.

Low area from Ireland to east of France, drifting northeast, expected over North Sea by 21/12UTC, extended with trough to Brittany.

Heat low over Sahara extended with trough to south of Morocco, with little change.

ITCZ along 8N12W 7N19W 12N35W.

Part 3 : Area forecasts to Saturday 21 at 12 UTC

FARADAY :

Northwesterly 3 to 5 backing Southwesterly 4 to 6 from west, then veering Westerly in west at end. Slight or moderate, becoming moderate or rough. Rain, fog patches in west later.

ROMEO, CHARCOT :

Variable 2 to 4, sometimes 5 in west. Slight or moderate. Rain and showers.

ALTAIR :

North or Northwest 2 to 4, sometimes 5 at first, backing Westerly 4 or 5 in north later. Slight or moderate. Rain and showers.

ACORES :

Mainly North or Northeast 2 to 4, sometimes 5. Slight or moderate. Rain and showers.

JOSEPHINE :

Mainly North 2 to 4. Slight or moderate. Rain and showers.

IRVING :

Northeasterly 4 or 5. Slight or moderate. Showers.

MADEIRA :

Northeasterly 3 to 5, locally 6 in far southeast. Slight or moderate, locally rough in southeast.

PAZENN :

West or Northwest 2 to 4. Slight or moderate. Showers.

IROISE, YEU, ROCHEBONNE :

West or Northwest 3 or 4, backing West or Southwest soon, then decreasing 2 in south later. Slight or moderate. Showers.

CANTABRICO :

West or Northwest 2 to 4, becoming variable 1 to 3 soon. Slight. Showers, rain in east.

FINISTERRE :

Northwesterly 2 to 4. Slight. Showers.

PORTO :

Northwest or North 4. Slight or moderate. Some showers.

SAO VICENTE :

North or Northwest 4 or 5, increasing temporarily 6 leeward cape Sao Vicente soon. Slight or moderate.

CADIZ :

Northwesterly 3 to 5, backing temporarily Westerly in north the afternoon, then increasing occasionally 6 during night. Slight or moderate.

GIBRALTAR STRAIT :

Westerly 4 or 5, sometimes 6 in east. Moderate.

CASABLANCA :

Northeasterly 4 or 5, locally 6 in far south. Slight or moderate, locally rough in south.

AGADIR :

Northeasterly 6 or 7, occasionally 8 until night. Moderate or rough.

METEOR :

Northeast 4 or 5 at times 6. Moderate, locally rough in southeast.

CANARIAS :

Northeast 5 to 7. Gusts. Rough. Locally sand haze.

TARFAYA :

Northeast 5 or 6, occasionally 7 in far north. Rough.

CAPE VERDE :

Northeast 4 or 5 at times 6 in north, but North or Northwest 2 to 4 in southeast. Moderate locally rough in northeast. Locally sand haze in northeast.

CAP BLANC :

North or Northeast 4 to 6 at times 7, becoming locally Variable 2 to 4 in far southeast later. Gusts. Rough locally very rough. Locally sand haze in northeast.

CAP TIMIRIS :

In north : North or Northwest 2 to 4 at times 5, becoming Variable at end.

In south : West or Northwest 3 or 4, backing West or Southwest later. Moderate.

SIERRA LEONE :

In far south : Mainly Westerly 2 to 4 at times 5, increasing West or Southwest 4 or 5 at times 6 at end.

Elsewhere : North or Northwest 2 to 4, backing West in east soon.

Moderate locally rough in far southeast. Thundersqualls with severe gusts.

GULF OF GUINEA :

South or Southwest 3 to 5 but Southerly 2 to 4 in far east. Moderate. Thundersqualls with gusts mainly in north.

POINTE NOIRE :

Southeast 3 to 5 but Southerly 2 to 4 in east. Moderate.

Part 4 : outlook for next 36 hours :

Northeasterly winds locally fresh along Northwest african coast with occasional gale possible over AGADIR. Low moving southeast reaching southwest of Ireland sunday night. Fresh Northwesterly winds over FARADAY ROMEO, then PAZENN FINISTERRE.

=====

STATISTICS**Year 2004 - Web site hits**

	Jan-2004	Feb-2004	Mar-2004	Apr-2004	May-2004	Jun-2004	Jul-2004	Aug-2004	Sept-2004	Oct-2004	Nov-2004	Dec-2004
Visits		2 057	2 329	2 319	2 485	2 942	3 379	3 618	7 104	5 856	5 553	4 671
Visitors		1 788	1 973	1 979	2 097	2 482	2 964	3 132	6 266	5 159	4 953	4 013
Visited pages		8 067	7 693	8 262	8 163	10 085	11 756	13 367	16 532	14 582	15 084	13 079
Homepage		2 150	2 038	2 186	2 009	2 488	3 084	3 419	3 109	2 804	2 985	2 559
Metareas pages		4 719	4 609	5 016	5 107	6 219	7 024	8 298	11 448	10 240	10 592	8 962
General information pages		1 198	1 046	1 060	1 047	1 378	1 648	1 650	1 975	1 538	1 507	1 558
Metareas chart		638	628	494	559	763	895	819	1 321	846	833	861
Transmission schedule		130	118	136	120	161	197	201	161	135	145	136
List of NAVTEX abbreviations		0	0	0	0	0	0	0	0	0	0	0
Metarea I		539	626	559	576	829	1 037	1 064	814	786	772	783
Metarea II		519	461	665	592	685	1 085	1 232	881	849	832	800
Metarea III		699	740	904	1 093	1 276	1 570	1 869	1 623	1 540	1 481	1 433
Metarea IV		281	233	294	246	384	368	523	4 781	3 202	3 003	1 916
Metarea V		305	416	490	357	310	423	636	591	529	757	349
Metarea VI		592	493	560	490	491	631	656	519	589	741	654
Metarea VII		316	192	185	188	218	219	278	251	293	386	402
Metarea VIII N		95	113	118	217	331	183	262	241	317	365	383
Metarea VIII S		259	316	264	268	316	212	259	255	308	348	448
Metarea IX		127	146	106	125	168	136	249	249	207	221	202
Metarea X		145	165	156	112	169	193	165	208	265	306	283
Metarea XI		128	117	144	136	246	203	251	205	530	389	281
Metarea XII		112	90	96	119	102	120	148	129	170	161	186
Metarea XIII		111	77	73	94	99	81	130	108	115	153	135
Metarea XIV		147	108	106	102	123	115	152	139	148	153	205
Metarea XV		132	112	132	175	210	184	144	139	139	181	201
Metarea XVI		103	116	79	103	128	125	140	143	125	178	134
Arctic Ocean		109	88	85	114	134	139	140	172	128	165	167

STATISTICS**Year 2005 - Web site hits**

	Jan-2005	Feb-2005	Mar-2005	Apr-2005	May-2005	Jun-2005	Jul-2005	Aug-2005	Sept-2005	Oct-2005	Nov-2005	Dec-2005
Visits	5 020	4 388	5 417	6 125	6 807	7 656	11 651	9 039	9 414	9 800	7 686	6 218
Visitors	4 460	3 687	4 755	5 179	5 822	6 467	9 855	7 598	8 200	8 318	6 436	5 290
Visited pages	14 614	14 119	15 331	21 078	21 742	21 606	27 148	23 599	21 396	21 976	19 287	16 101
Homepage	2 795	3 225	2 915	3 667	3 423	3 316	3 586	3 816	3 477	3 845	3 543	2 903
Metareas pages	10 222	8 956	10 680	15 711	16 484	16 809	21 574	18 058	16 004	16 094	14 013	11 864
General information pages	1 597	1 938	1 736	1 700	1 835	1 481	1 988	1 725	1 915	2 037	1 731	1 334
Metareas chart	884	967	904	966	1 110	872	1 423	1 068	1 234	1 325	911	777
Transmission schedule	159	205	192	182	179	163	151	147	144	160	163	99
List of NAVTEX abbreviations	0	0	0	0	0	0	0	0	0	0	0	0
Metarea I	957	798	919	1 398	1 452	1 381	1 407	1 486	1 194	1 065	1 001	834
Metarea II	843	877	1 161	1 561	1 843	1 524	1 349	1 545	1 320	1 502	1 560	1 175
Metarea III	1 794	2 193	2 220	2 861	2 628	2 323	2 626	3 004	2 462	2 713	2 557	2 432
Metarea IV	1 962	582	1 583	2 268	3 171	4 419	8 984	5 342	5 861	5 810	3 904	2 579
Metarea V	636	520	584	822	815	795	857	747	510	610	588	560
Metarea VI	948	821	783	876	829	742	790	651	508	513	485	508
Metarea VII	339	355	394	567	540	564	552	519	383	337	330	415
Metarea VIII N	340	327	361	550	512	525	641	548	594	691	638	570
Metarea VIII S	376	361	426	648	566	621	556	531	526	498	526	508
Metarea IX	273	367	476	565	527	538	568	534	432	321	385	326
Metarea X	274	226	295	531	512	537	427	419	326	337	312	233
Metarea XI	276	234	260	462	442	452	494	463	350	294	339	317
Metarea XII	188	232	213	450	461	487	402	370	273	303	254	198
Metarea XIII	168	163	148	356	387	361	355	366	233	169	183	163
Metarea XIV	206	284	229	478	482	438	398	438	310	223	216	182
Metarea XV	286	267	245	485	491	379	406	394	246	236	302	433
Metarea XVI	180	199	179	424	423	377	408	386	262	206	187	180
Arctic Ocean	176	150	204	409	403	346	354	317	214	266	246	221

STATISTICS**Year 2006 - Web site hits**

	Jan-2006	Feb-2006	Mar-2006	Apr-2006	May-2006	Jun-2006	Jul-2006	Aug-2006	Sept-2006	Oct-2006	Nov-2006	Dec-2006
Visits	7 084	6 679	7 526	6 733	7 576	8 294	9 205	12 089	11 135	11 072	9 199	8 115
Visitors	6 090	5 673	6 366	5 742	6 515	7 127	7 831	10 114	9 431	9 367	7 760	7 085
Visited pages	18 202	18 168	19 553	17 794	19 819	19 951	21 191	27 190	25 119	27 664	25 049	20 739
Homepage	3 336	3 638	4 064	3 472	3 736	3 510	3 442	4 775	4 570	4 961	4 907	3 865
Metareas pages	13 521	13 130	13 870	12 783	14 372	14 850	16 321	20 632	18 629	20 381	17 787	15 106
General information pages	1 345	1 400	1 619	1 539	1 711	1 591	1 428	1 783	1 920	2 322	2 355	1 768
Metareas chart	694	733	853	807	958	946	835	1 025	1 132	1 227	1 187	991
Transmission schedule	132	126	148	122	154	142	104	181	188	212	201	170
List of NAVTEX abbreviations	0	0	0	0	0	0	0	0	0	131	179	85
Metarea I	892	1 050	1 005	979	1 341	1 323	1 120	1 577	1 578	1 646	2 095	1 363
Metarea II	1 523	1 423	1 478	1 776	2 041	1 562	1 361	1 782	2 003	2 334	2 291	1 676
Metarea III	2 542	2 378	2 710	2 630	2 984	2 837	3 157	3 999	3 117	3 942	3 440	2 802
Metarea IV	3 504	2 670	2 728	2 421	2 873	4 282	4 740	6 812	6 129	5 488	3 590	3 485
Metarea V	579	626	638	581	508	537	619	587	532	772	641	584
Metarea VI	608	571	523	439	430	424	475	561	509	644	598	594
Metarea VII	386	473	414	362	326	374	474	591	475	534	533	590
Metarea VIII N	424	443	508	587	649	505	710	785	840	635	615	546
Metarea VIII S	466	530	591	432	407	443	443	514	471	570	437	607
Metarea IX	434	552	491	536	434	399	544	522	489	600	546	488
Metarea X	400	369	407	325	267	281	310	369	322	397	359	340
Metarea XI	371	523	660	483	545	498	755	849	671	674	719	661
Metarea XII	280	361	320	262	303	263	299	373	312	418	318	247
Metarea XIII	190	190	227	168	233	194	215	249	207	298	255	186
Metarea XIV	241	323	331	259	304	255	381	288	271	508	445	254
Metarea XV	301	289	333	222	263	234	246	263	276	358	395	298
Metarea XVI	195	178	248	182	215	204	266	281	212	315	238	196
Arctic Ocean	185	181	258	139	249	235	206	230	215	248	272	189

STATISTICS**Year 2007 - Web site hits**

	Jan-2007	Feb-2007	Mar-2007	Apr-2007	May-2007	Jun-2007	Jul-2007	Aug-2007	Sept-2007	Oct-2007	Nov-2007	Dec-2007
Visits	8 372	7 928	8 574	7 745	9 629	11 048						
Visitors	7 186	6 773	7 462	6 679	8 130	9 194						
Visited pages	22 576	20 540	23 186	20 007	25 220	27 664						
Homepage	4 535	4 156	4 706	4 017	5 589	5 577						
Metareas pages	16 198	14 644	16 446	14 329	17 398	19 896						
General information pages	1 843	1 740	2 034	1 661	2 233	2 191						
Metareas chart	987	891	1 043	974	1 188	1 167						
Transmission schedule	170	184	175	126	188	192						
List of NAVTEX abbreviations	127	95	118	102	153	119						
Metarea I	1 554	1 146	1 281	1 150	1 592	1 704						
Metarea II	1 605	1 458	1 676	1 446	2 059	2 117						
Metarea III	3 316	3 369	3 601	3 034	3 969	3 524						
Metarea IV	3 276	2 863	3 104	3 014	3 418	4 618						
Metarea V	772	661	804	577	750	763						
Metarea VI	789	603	687	557	579	608						
Metarea VII	532	463	499	420	584	665						
Metarea VIII N	611	447	551	550	742	1 303						
Metarea VIII S	544	734	548	597	483	589						
Metarea IX	589	497	580	543	489	1 190						
Metarea X	362	295	434	341	373	406						
Metarea XI	539	480	634	635	723	560						
Metarea XII	276	272	361	294	313	351						
Metarea XIII	199	194	250	203	225	273						
Metarea XIV	315	381	461	298	303	372						
Metarea XV	390	376	420	284	271	357						
Metarea XVI	261	233	335	233	291	288						
Arctic Ocean	268	172	220	153	234	208						

STATISTICS**Year 2005 – E-Mail requests (packages)**

	Jan-2005	Feb-2005	Mar-2005	Apr-2005	May-2005	Jun-2005	Jul-2005	Aug-2005	Sept-2005	Oct-2005	Nov-2005	Dec-2005
GMDSS_METAREA1_INMARSAT	10	6	4	6	8	6	11	136	1208	500	475	442
GMDSS_METAREA1_OFFSHORE	10	3	3	5	9	5	8	137	1198	498	476	444
GMDSS_METAREA2_INMARSAT	11	9	6	6	11	34	18	147	1205	514	529	438
GMDSS_METAREA3-E_INMARSAT	32	37	40	43	39	82	95	181	1250	560	530	470
GMDSS_METAREA3-W_INMARSAT	5	3	15	52	53	48	46	180	1217	530	501	453
GMDSS_METAREA4_INMARSAT	6	4	6	4	17	9	3	132	1198	504	510	434
GMDSS_METAREA5_INMARSAT	0	1	4	0	1	17	2	134	1197	495	453	422
GMDSS_METAREA6_N-60_INMARSAT	0	1	2	0	0	5	1	130	1197	493	480	423
GMDSS_METAREA6_S-60_INMARSAT	1	0	2	0	0	5	1	130	1197	392	473	426
GMDSS_METAREA7_INMARSAT	59	55	67	60	66	72	82	193	1266	574	535	481
GMDSS_METAREA8-N_INMARSAT	0	2	0	0	0	5	2	130	1197	496	472	420
GMDSS_METAREA8-S_INMARSAT	59	55	60	60	62	66	75	201	1268	560	533	476
GMDSS_METAREA9_INMARSAT	3	1	0	3	0	3	1	130	1173	464	428	332
GMDSS_METAREA10-NE_INMARSAT	0	2	0	1	15	23	8	131	1197	496	474	422
GMDSS_METAREA10-N_INMARSAT	0	1	0	1	0	4	9	131	1197	496	472	422
GMDSS_METAREA10-SE_INMARSAT	0	0	0	1	0	4	0	130	1197	495	472	420
GMDSS_METAREA10-W_INMARSAT	0	1	3	2	2	3	2	133	1199	496	472	419
GMDSS_METAREA11-IOR_INMARSAT	0	0	0	2	0	3	0	130	1197	496	472	419
GMDSS_METAREA11-POR_INMARSAT	0	0	0	1	0	6	0	131	1197	496	472	419
GMDSS_METAREA11-S-EQUATOR_INMARSAT	5	0	0	0	6	5	1	131	1197	495	472	419
GMDSS_METAREA12_INMARSAT	0	0	0	0	0	4	0	130	1200	496	472	419
GMDSS_METAREA13_INMARSAT	0	0	0	0	0	0	0	0	0	174	0	0
GMDSS_METAREA14-SOUTH_INMARSAT	1	1	2	1	1	6	3	135	1200	495	472	426
GMDSS_METAREA14-TROPICS_INMARSAT	0	1	2	4	4	8	4	149	1200	495	477	423
GMDSS_METAREA15_INMARSAT	2	0	1	3	0	5	0	130	1197	494	472	418
GMDSS_METAREA16_INMARSAT	0	0	0	2	0	4	1	131	1202	495	472	425
GMDSS_ARCTIC_OCEAN	0	0	0	0	0	0	0	0	0	0	0	0
Total of requests	204	183	217	257	294	432	373	3553	30151	12699	12066	10712

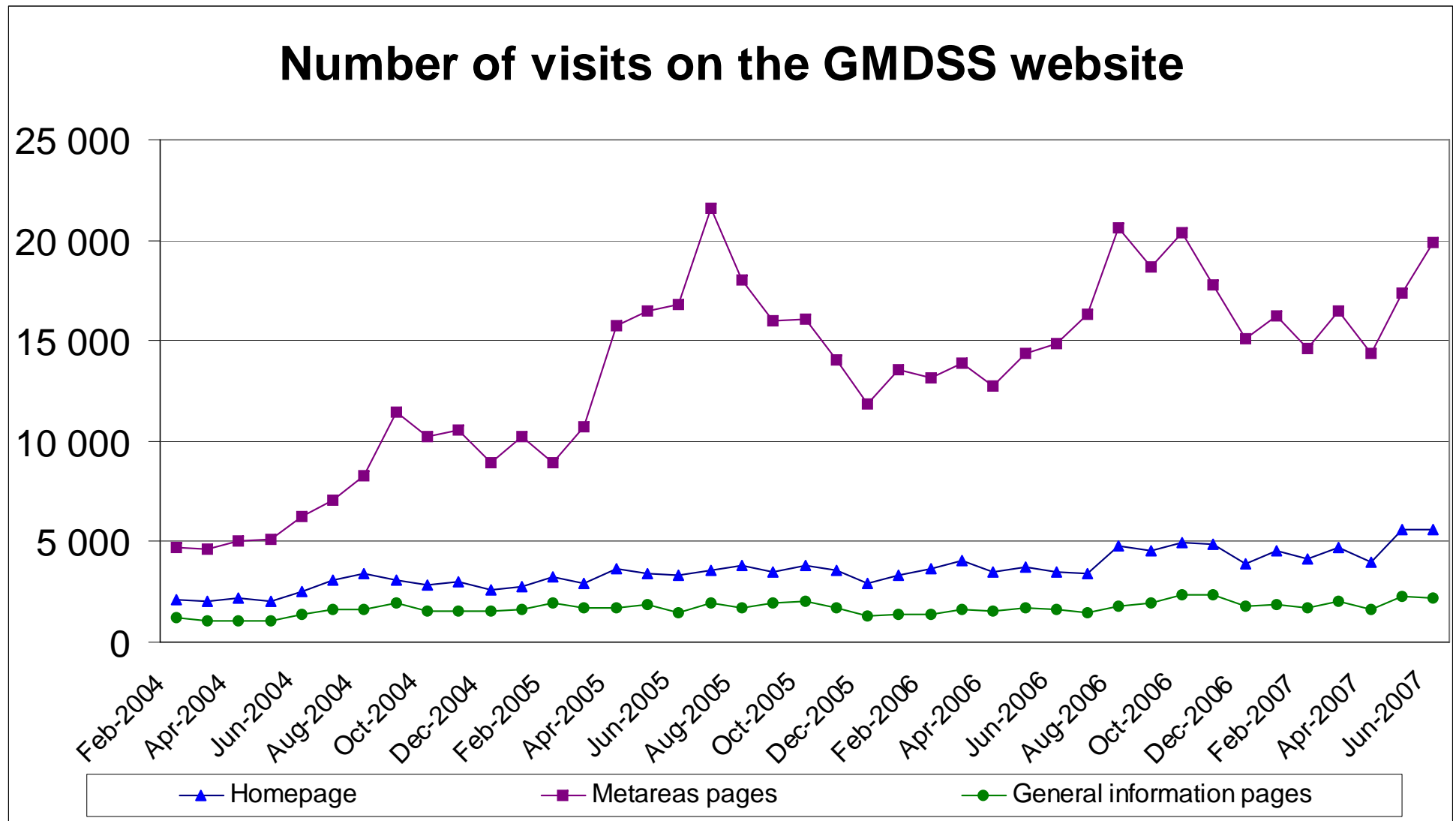
STATISTICS**Year 2006 – E-Mail requests (packages)**

	Jan-2006	Feb-2006	Mar-2006	Apr-2006	May-2006	Jun-2006	Jul-2006	Aug-2006	Sept-2006	Oct-2006	Nov-2006	Dec-2006
GMDSS_METAREA1_INMARSAT	430	438	477	399	485	375	141	395	451	450	457	468
GMDSS_METAREA1_OFFSHORE	427	435	474	401	487	368	145	398	456	452	463	470
GMDSS_METAREA2_INMARSAT	438	439	477	413	511	415	139	438	480	527	520	529
GMDSS_METAREA3-E_INMARSAT	474	482	516	454	565	421	250	434	498	501	494	503
GMDSS_METAREA3-W_INMARSAT	450	451	482	430	501	380	184	403	468	471	478	462
GMDSS_METAREA4_INMARSAT	431	444	497	411	488	372	198	489	486	450	469	477
GMDSS_METAREA5_INMARSAT	423	435	473	398	482	351	132	394	453	449	459	468
GMDSS_METAREA6_N-60_INMARSAT	425	434	471	397	485	361	130	401	468	454	453	458
GMDSS_METAREA6_S-60_INMARSAT	425	433	471	397	485	357	131	392	450	450	451	461
GMDSS_METAREA7_INMARSAT	486	491	563	486	550	451	218	487	539	539	542	553
GMDSS_METAREA8-N_INMARSAT	423	389	462	397	440	364	134	429	470	449	449	508
GMDSS_METAREA8-S_INMARSAT	484	491	593	489	549	453	231	524	568	539	540	568
GMDSS_METAREA9_INMARSAT	348	396	464	325	411	344	121	359	386	398	426	429
GMDSS_METAREA10-NE_INMARSAT	423	439	471	397	482	364	130	393	450	450	451	460
GMDSS_METAREA10-N_INMARSAT	423	433	471	398	482	364	130	392	450	449	450	463
GMDSS_METAREA10-SE_INMARSAT	423	434	471	396	482	365	130	393	450	450	451	458
GMDSS_METAREA10-W_INMARSAT	423	433	473	397	482	364	130	392	450	449	450	463
GMDSS_METAREA11-IOR_INMARSAT	423	433	471	396	482	365	134	398	460	453	456	459
GMDSS_METAREA11-POR_INMARSAT	423	433	471	397	482	365	130	392	450	449	450	458
GMDSS_METAREA11-S-EQUATOR_INMARSAT	423	438	475	397	483	365	131	392	450	453	451	459
GMDSS_METAREA12_INMARSAT	423	433	471	398	484	364	130	392	453	468	456	473
GMDSS_METAREA13_INMARSAT	0	0	0	0	0	0	0	0	169	49	0	0
GMDSS_METAREA14-SOUTH_INMARSAT	423	433	476	400	488	365	130	392	453	449	451	458
GMDSS_METAREA14-TROPICS_INMARSAT	425	437	470	400	487	379	156	406	451	463	473	466
GMDSS_METAREA15_INMARSAT	343	98	475	400	481	332	126	393	443	449	451	459
GMDSS_METAREA16_INMARSAT	423	434	477	399	490	369	130	393	456	456	452	459
GMDSS_ARCTIC_OCEAN	0	0	0	0	0	0	0	0	0	0	0	0
Total of requests	10662	10636	12092	10172	12244	9373	3741	10271	11758	11616	11643	11889

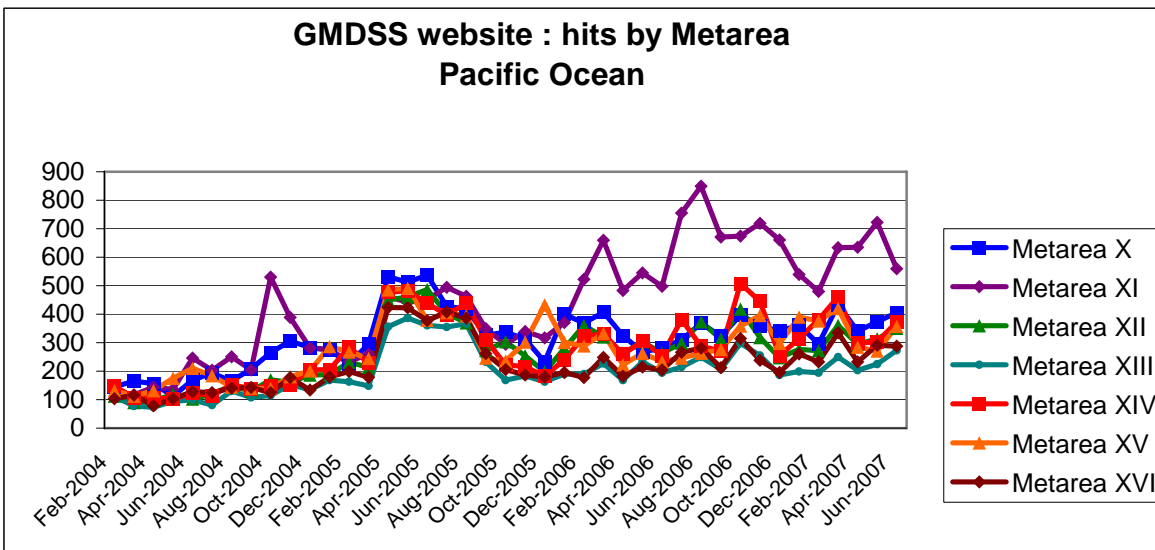
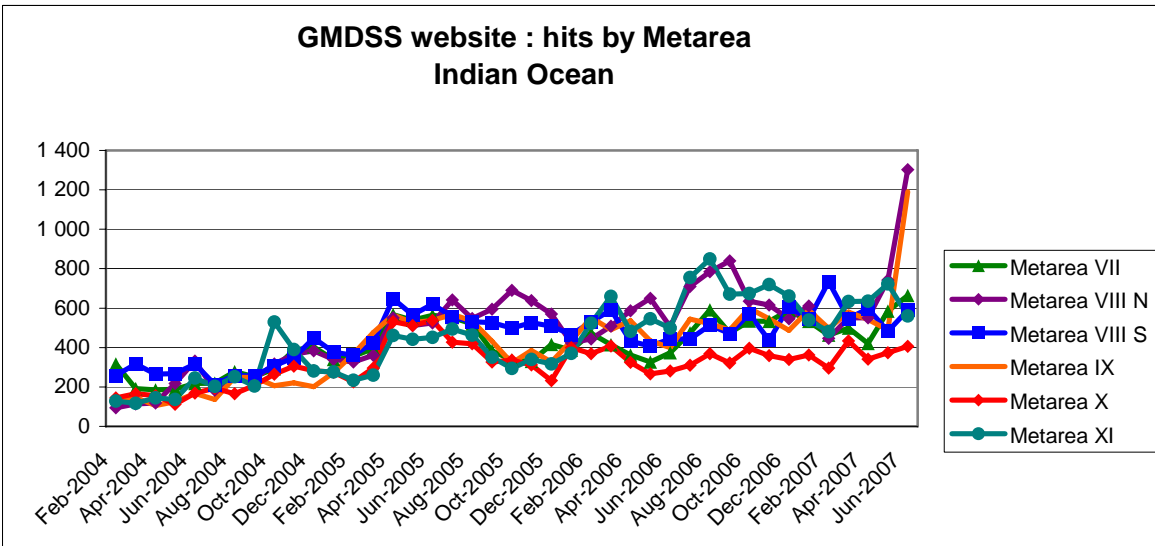
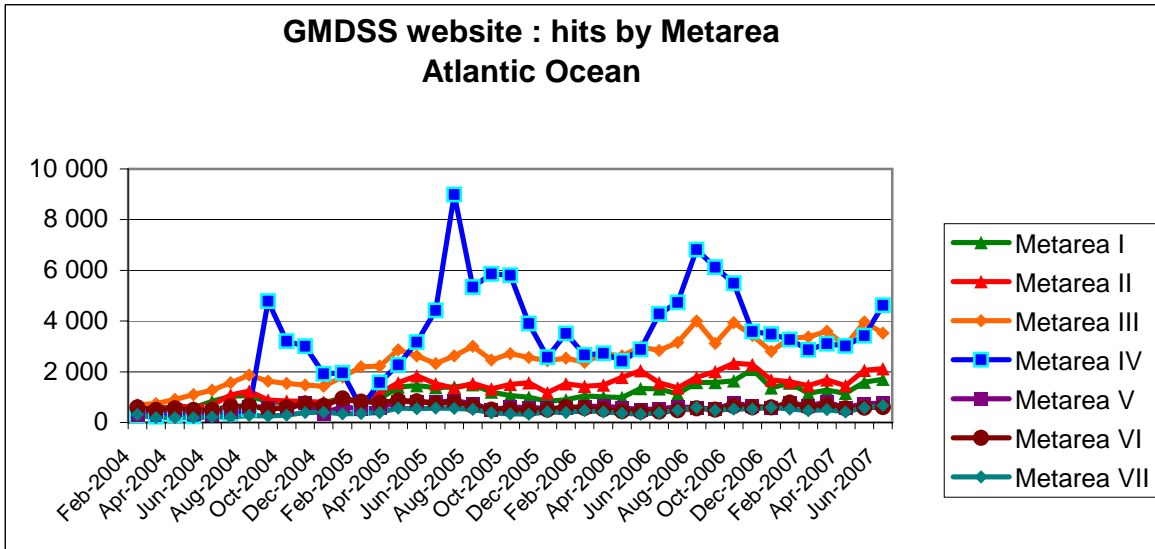
STATISTICS**Year 2007 – E-Mail requests (packages)**

	Jan-2007	Feb-2007	Mar-2007	Apr-2007	May-2007	Jun-2007	Jul-2007	Aug-2007	Sept-2007	Oct-2007	Nov-2007	Dec-2007
GMDSS_METAREA1_INMARSAT	461	416	443	382	448	452						
GMDSS_METAREA1_OFFSHORE	462	415	442	392	464	465						
GMDSS_METAREA2_INMARSAT	470	426	451	398	494	493						
GMDSS_METAREA3-E_INMARSAT	497	454	473	441	545	517						
GMDSS_METAREA3-W_INMARSAT	474	475	459	390	463	459						
GMDSS_METAREA4_INMARSAT	484	424	455	406	489	454						
GMDSS_METAREA5_INMARSAT	470	423	444	386	437	452						
GMDSS_METAREA6_N-60_INMARSAT	465	413	436	378	436	348						
GMDSS_METAREA6_S-60_INMARSAT	450	68	0	0	0	0						
GMDSS_METAREA7_INMARSAT	549	494	536	463	529	528						
GMDSS_METAREA8-N_INMARSAT	457	413	436	376	437	450						
GMDSS_METAREA8-S_INMARSAT	556	515	558	458	534	528						
GMDSS_METAREA9_INMARSAT	394	365	401	359	414	404						
GMDSS_METAREA10-NE_INMARSAT	459	413	438	378	434	447						
GMDSS_METAREA10-N_INMARSAT	456	413	441	378	435	446						
GMDSS_METAREA10-SE_INMARSAT	456	413	437	376	435	446						
GMDSS_METAREA10-W_INMARSAT	456	413	439	376	436	447						
GMDSS_METAREA11-IOR_INMARSAT	456	413	437	376	434	449						
GMDSS_METAREA11-POR_INMARSAT	456	414	437	376	435	447						
GMDSS_METAREA11-S-EQUATOR_INMARSAT	456	413	437	376	435	446						
GMDSS_METAREA12_INMARSAT	456	414	439	376	434	446						
GMDSS_METAREA13_INMARSAT	0	0	0	0	0	0						
GMDSS_METAREA14-SOUTH_INMARSAT	456	414	438	376	434	447						
GMDSS_METAREA14-TROPICS_INMARSAT	457	413	440	379	434	465						
GMDSS_METAREA15_INMARSAT	449	413	420	374	438	448						
GMDSS_METAREA16_INMARSAT	458	417	440	380	435	449						
GMDSS_ARCTIC_OCEAN	0	0	0	0	0	0						
Total of requests	11660	10264	10777	9350	10909	10933						

STATISTICS – GMDSS WEB SITE HITS



STATISTICS / GMDSS WEB SITE HITS



STATISTICS – E-Mail access (packages)

