

# AMERC NEWS

Incorporates Circular 238

September 2009

ISSUE THIRTY - READ INSIDE

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## MIKE WEBSTER ELECTED AS CHAIRMAN

### AGM OUTCOMES

New Rules Approved      New Committee and Officials  
Sound Finances      Subscriptions for 2010  
New Member Elected - Maritime School Koblmler Austria  
Date of 2010 AGM

### MARITIME CONSULTANCY GROUP (MCG)

Revised Dyslexia Policy Published  
SART and EPIRB Requirements  
Administering Double Marking  
Fleet 77 in Handbook  
Working Party for Question Bank  
LRC & ROC Syllabus Change 2010 MMSI Requirement  
ITU Radio Regulations Awaited  
Poseidon Pharos Simulator Approved  
MNTB and UKCOM Appointments  
Equipment Faults in Examinations      ALRS  
GMDSS Examination Statistics  
Radio Maintenance & ENEM Approvals

### AMERC WEBSITE

### AMINISTRATION

Replacing Lost Certificates  
MCA Endorsement Requirement  
Revised Titles for the Association, Secretary and Treasurer

### A CASE FOR DIRECTION-FINDING AT 406 MHz

### M-NOTICES

New Radio Log Books      Radio Survey Authorisation  
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GMDSS Equipment for Sale

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AMERC NEWS is the Journal of the Association of Marine Electronic and Radio Colleges.  
It is distributed to all Members, Associates and Affiliates of the Association.  
AMERC Ltd encourages the copying and wider distribution of AMERC NEWS.

## EDITORIAL

This is the tenth anniversary issue of AMERC NEWS under my editorship. In my first editorial I reflected on earlier times with the Association, saying that it 'had always had a dynamic which keeps it moving with the times.' In several subsequent editorials I have returned to that dynamic with new circumstances, technologies and environments. So too, the 2009 AGM brought into focus that the Association had spent much of the last year preparing for significant changes in its organisation and operations.

For one thing rationalised Rules adopted at AGM produce new arrangements at the Executive Committee. It is now for the Committee to appoint members and others to official roles, including the chairmanship. At the same time measures are in place to widen the contributions with participating observers at the meetings - a move to gladden the heart of any management theorist.

This has also been a busy year at the operational level with lengthy preparations for the new examination system. Note the comment in the Chief Examiners' Report that at one meeting as many as 150 amendments were admitted to the paperwork on the spot. In my own regard, I was impressed at the local training course; in particular I noted the quality of the dialogue between the examiners and the Deputy Chief Examiner. Too much in our profession has been introduced by diktat and I thought this was a good example of the Association as a 'learning organisation.' – more management speak!

Recently I have noticed that the website has become a valuable source for centres, students and the informed public. AMERC NEWS and the website are complementary; the website material is quickly amended with circumstances and the Announcements Page provides rapid communication. It strikes me that the homilies we see from the Chief Examiner reminding REC Coordinators of their obligations for examiners and staff to be conversant with the content of AMERC NEWS should stretch to include monitoring the website for urgent news and announcements.

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We were all sorry to hear at AGM that Ted Hackett, one time deputy to Eric Lamb and staff member at the Fleetwood Campus, was seriously ill. We sent him a get-well card which I understand he appreciated. The latest is that Ted is responding to treatment and awaiting results before the next move. We all wish him the very best of luck.

*Best Wishes  
Brian Cotton*

### THE ASSOCIATION'S CHAIRMAN

Directly after AGM, using the new Rules that had been agreed, the Executive Committee met and voted Mike Webster in as Chairman. This will be popular appointment and we all look forward to working with Mike in the next year.

## AGM 2009

*The Association's AGM and Examiners' Panel were held in the Marriott Hotel, Glasgow, on Thursday 28 May 2009. There were thirty-eight delegates and sixteen had apologised for non-attendance.*

The Chairman explained the proposed changes to the Rules of the Association which had been published with the AGM papers. Change was needed to match the Articles of Association of the company, its charitable status and some aspects of its operations.

The new Rules, which were approved, provide for AGMs to elect an Executive Committee of six with its own powers to elect a Chairman and Vice Chairman from among its membership. Members of the Executive Committee are to rotate on a triennial basis.

***At this meeting Philip Davies, Kevin Walsh and Terry Slack were elected as Directors of AMERC Ltd and as Ordinary Members of the Executive Committee.***

It is up to the Executive Committee to appoint to the various official roles of the Association and the following appointments were made:

***Secretary***  
***Treasurer***  
***Chief Examiner***  
***Deputy Chief Examiner***  
***Asst Chief Examiner (Overseas)***  
***Editor AMERC News***

***Keith Mitchell***  
***Julie Cartwright***  
***Eric Lamb***  
***Keith Watkins***  
***Francis Rodrigues***  
***Brian Cotton.***

### FINANCE

The Treasurer presented the annual accounts, reporting a rise in income and an overall expenditure that was 94% of that income. Members were reassured to hear that steps had been taken to diversify the investments to reduce risk

The accounts were approved and the Treasurer was thanked for her efforts.

### SUBSCRIPTIONS

The annual membership fees for 2010 were agreed at AGM

They are to be £220 for Full Members and £110 for Associate Members.

### NEW MEMBERS

The meeting agreed unanimously to admit the following centre to full membership:

Maritime School Koblmiller, Austria

It should be noted that in future applications for membership must be submitted by the 31st January for presentation at that year's AGM.

### 2010 AGM

The next AGM will be held on Thursday 10th June 2010 at a venue to be decided – as we go to press Birmingham in central England looks to be a possibility.

## MARITIME CONSULTANCY GROUP (MCG) WITH MATTERS FROM THE EXAMINERS' PANEL (1)

*The MCG met in Kendal in March and before AGM in May, giving attention to the usual mix of operational matters. With the following report of some of the matters are some similar items dealt with at the Examiners' Panel.*

### DYSLEXIA POLICY

We reported in the last Issue that the Executive Committee had agreed 'small but significant changes' to the Association's policy for dealing with GMDSS Examination candidates who suffer from dyslexia.

The amended text of the policy has been incorporated in the latest version of the Examination Administration Handbook (8th Edition 2009 Rev.1) which can find on the AMERC website. It appears in Section 12, the Appendix, on page 73.

### SART & EPIRB EQUIPMENT FIT

From 1st June 2009, all Centres must ensure that they have at least two 406 MHz dummy EPIRBs and two 9 GHz dummy SARTS for training and examination purposes.

This too has been incorporated into the latest version of the Examination Administration Handbook. You will find it on page 20 in Section 4, – Equipment Requirements for Examination Centres.

### DOUBLE MARKING

Here is some clarification on double marking given at the Examiners' Panel. A *second* marker may be a listed Examiner who has taught candidates on the course.

### FLEET 77

The Examination Administration Handbook has been amended to incorporate Fleet 77 in various places. It appears as a requirement to have or use 'Inmarsat-B/Fleet 77 terminals or approved simulators.'

### QUESTION BANK

Kevin Walsh led a discussion at AGM on developing a question bank for display on the AMERC website. The response from delegates was that this was felt to be a valuable training tool.

As a consequence, the principle was adopted and referred to a working group led by the Chief Examiner. Reports on its progress will be published from time to time in AMERC NEWS

### LRC & ROC SYLLABUS

Amendments to the LRC syllabus and that of the ROC have followed the new requirements arising from WRC07 and examination papers will incorporate the changes from 2010. In the meantime the LRC and ROC marking schemes have been adopted to include the use of MMSI in Distress, Urgency and Safety calls.

Candidates will be expected to include reference to MMSI in their answers to demonstrate that they are aware of the correct procedure

## MARITIME CONSULTANCY GROUP (MCG) WITH MATTERS FROM THE EXAMINERS' PANEL (2)

### ITU MANUAL AWAITED

It is anticipated that the ITU Manual of radio regulations, revised to incorporate WRC07, will soon be published.

The Densham Associates' site ([www.gmdss.com.au](http://www.gmdss.com.au)) has a page giving some indication of what it will contain, incorporating a link to the ITU Committee documentation.

It includes references to the retention of 2182 kHz for marine use and the change of use for 500 kHz. There is expected to be simplification of the carriage requirements for mandatory ITU documents by 2011 including the elimination of the List of Radiodetermination and Special Service Stations.

We hope to publish further information in the next edition of AMERC NEWS.

### PHAROS SIMULATOR APPROVED

The Association has approved the use of the Poseidon Pharos GMDSS Simulator, Version 6.0.3 for tuition and examinations. The conditions of use mirror those of the approved Transas GMDSS Simulator.

For further details of the conditions and requirements of approved simulators, refer to the 8th Edition of the Examination Administration Handbook on the AMERC website, page 20, Section 4

### FAULTY EQUIPMENT

Given that the new OPT examination is student-led, if an item of equipment develops a fault during the examination, the Examiner must stop the process.

The examination should only be resumed once the fault has been cleared. Due allowance must be made for 'time lost' in such circumstances.

### ALRS

Each REC must provide for the Examinations a set of ALRS documents that are compatible with the new OPT scenarios. The publications, Volumes 1, 5 and all parts of 6, that meet this requirement are those issued since 2005.

This matter is likely to receive further attention at the MCG.

### EC APPOINTMENTS

The Executive Committee has appointed Kevin Walsh and Phil Davies as the AMERC representatives on UKCOM and the MNTB Technical Committee respectively.

Phil Davies' report to AGM makes interesting reading as it forecasts some developments with ETO training and short course guide revision.

We hope to bring reports of these developments in due course. In the meantime, you are invited to check the MNTB course guide on the website:

[www.mntb.org](http://www.mntb.org)

## MARITIME CONSULTANCY GROUP (MCG) WITH MATTERS FROM THE EXAMINERS' PANEL (3)

### GMDSS EXAMINATION STATISTICS

The NAC has provided the following GMDSS Examination Statistics for the period January 2009 to March 2009.

EXAMINATION	ENTERED	PASSED
UK GOC	268	224
ALL GOC	706	583
UK ROC	60	54
ALL ROC	103	93
LRC	106	100

### GMDSS RADIO MAINTENANCE AND ENEM COURSE APPROVALS

Acting on the request of the MCA, South Tyneside College and Warsash Maritime Academy have had their GMDSS Radio Maintenance and ENEM Certificate courses formally inspected by the Chairman. Acting on his recommendation, the MCG and Executive Committee have recommended to the MCA that course approval for these qualifications be granted to both centres.

A block diagram showing the structure of the courses appears on the following page.

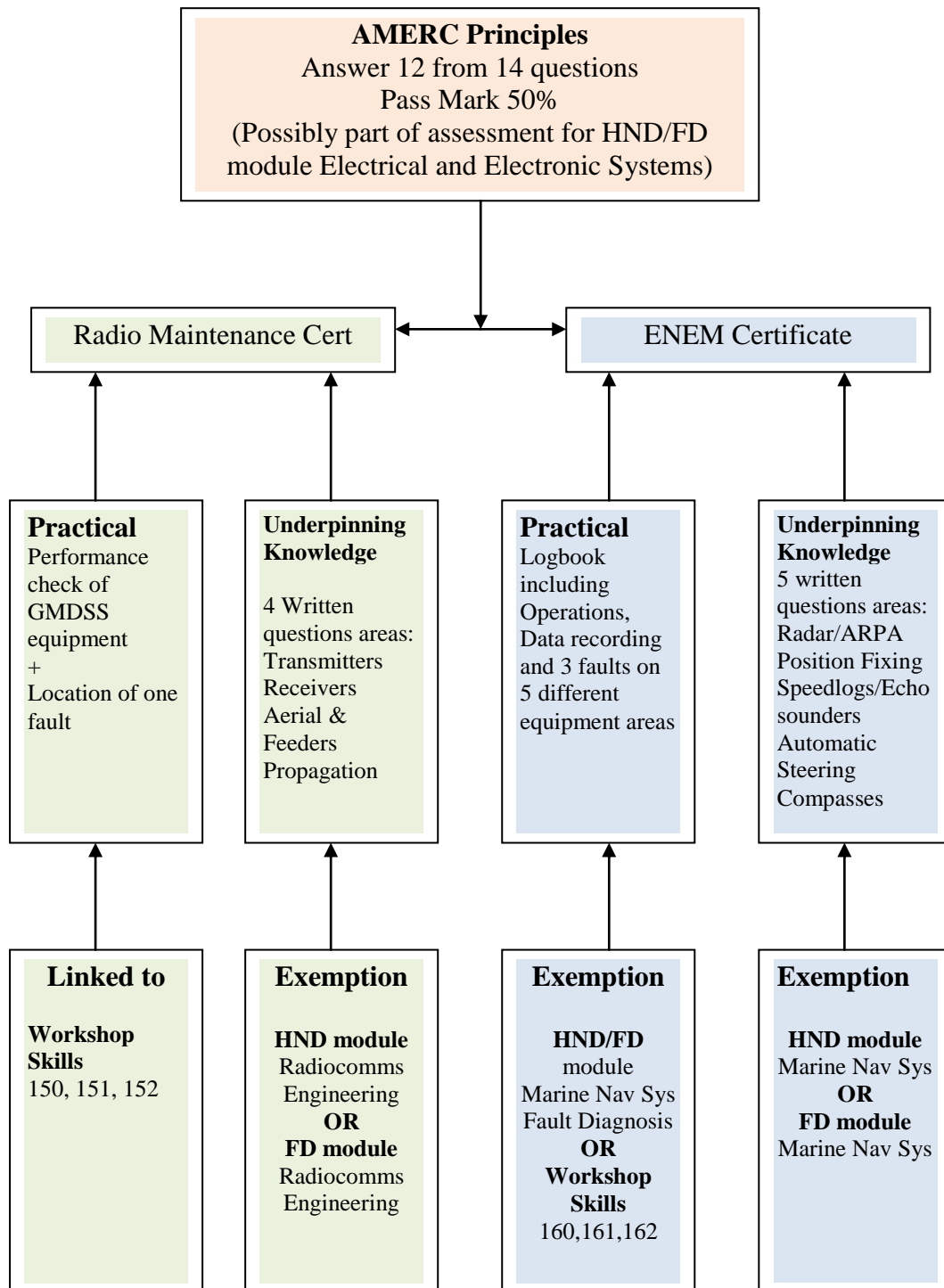
### AMERC WEBSITE

Readers will have noticed the large number of references to the AMERC website in this edition. It is anticipated that this will be the trend from now on. The website allows for instant communication – AMERC NEWS by its nature cannot – and there is now an Announcements Page for just that purpose. It is here for example that syllabus changes arising from the MNTB will be announced.

In similar vein, the web-based 8th Edition of the Examination Administration Handbook has a page listing the amendments with dates.

In the process of checking an item, take the trouble to ensure that your own details are accurate so that other members and *prospective clients* may contact you.

## Structure of GMDSS Radio Maintenance and ENEM Examinations



## ADMINISTRATION

*REC Coordinators are asked to note the following and to communicate them as needed with their Centre staff and examiners.*

### CERTIFICATE REPLACEMENTS

In cases where replacement certificates are needed, the applicant should complete the form for that purpose. The form, with descriptions of procedures, may be obtained from the AMERC website.

It should be noted that the cost to an applicant who requires the despatch of a certificate by courier outside of the UK is currently £stg. 30.00. This is subject to review and the latest position should always be checked before submitting a completed form.

### MCA ENDORSEMENT

Candidates for GMDSS examinations other than LRC must be made aware that until the MCA has endorsed the certificate it is not valid for use onboard ship. (MCA endorsement is an STCW requirement which is why it does not apply to LRC).

### PHOTOGRAPHS

From 1st June 2009, all candidates for GOC, ROC and LRC examinations must provide photographs of themselves that comply with the UK Passport Office requirements. One easy way to determine what these are is to go to the Directgov ('public services all in one place') website:

[www.direct.gov.uk](http://www.direct.gov.uk)

placing *passport photographs* in its search facility.

### REVISED OFFICIAL TITLES

Members and associates are asked to note that the Association's official title is as follows:

***The Association of Marine Electronic and Radio Colleges.***

i.e. Electronic has moved from the plural to the singular. All are asked to cooperate in using the full title whenever it is used or incorporated in documents and elsewhere.

Members are also asked to note that the titles Honorary Secretary and Honorary Treasurer have been replaced by ***Secretary*** and ***Treasurer*** respectively. All members are asked to use the revised titles from now on.



## A CASE FOR DIRECTION FINDING AT 406 MHz

The Chief Examiner has sent the Editor a paper presented to COMSAR a year ago by the United States. It argues a powerful case for the installation of 406 MHz direction-finding installations within SAR systems and urges other administrations to do so.

It illustrates the advantages of moving homing signals from 121.5 MHz to 406 MHz. In the latter case the data burst is two hundred times stronger and US Coastguard studies have shown that aircraft flying at a height of 25,000 feet can detect signals up to 150 nautical miles from the source of transmission. It criticises 121.5 MHz transmissions for their tendency to be attenuated by the environment including the shielding effects of the human body.

Two case studies are cited in the paper, one of which graphically illustrates the value of the 406 MHz direction finder. It says that:

*On 12 June 2005, ten separate USCG aircraft flew 18 sorties that covered 13,118 square miles to locate a 10 meter pleasure craft 26 NM off the coast in the Atlantic Ocean. After thousands of miles of cumulative search effort, a USCG C-130 equipped with a prototype 406MHz DF was launched. While still 90 NM from scene, at 17,000 feet, the new 406 MHz DF equipment locked onto the 406 MHz beacon signal. The C-130H aircraft flew directly to the new electronic intercept solution and located two survivors clinging to the bottom of their overturned craft. An HH-65 helicopter was vectored to their position and hoisted the two survivors to safety. They had been holding onto the bottom of their capsized catamaran for over 24 hours.*

The paper goes on to argue that more rapid fixes provide savings in search aircraft fuel that outweigh the installation costs. The USCG is adding a 406 MHz direction finder/homing facility to its VHF communication system (Rescue 21) which is to cover all 28,000 miles of the US coastline and eighty-nine US Coastguard aircraft are to be fitted by 2012.

The paper concludes by recommending other states to follow the example of the US, Canada, Germany, Malta, Australia and the UK in their direction finding installations.

For further reading, the internet has some interesting articles on Rescue 21 and 406 MHz direction finding. Copies of the full COMSAR article are available from the Editor of AMERC NEWS or the Chief Examiner.

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### US AIS

The US Coast Guard is investing US\$12 million in an Automatic Identification System data exchange capability that will cover the whole of the US. The intention is to produce a system that will allow the exchange of information between AIS fitted ships and aircraft, aids to navigation and shore stations across the ports, waterways and coastal areas. It has security as well as safety implications.

For further details go to the Northrop Grumman and USCG websites.

## M-NOTICES

*The following M-Notices appear to have some relevance to Members and they are briefly reviewed here. The full list of the current M-notices appear on the MCA website ([www.mcga.gov.uk](http://www.mcga.gov.uk)) to which reference should be made from time to time*

### **MGN 395 (M+F) NEW RADIO LOG BOOKS**

The GMDSS Radio Log Books have been merged into a single document called 'The GMDSS Radio Log Book incorporating the Simplified F/V GMDSS Log Book.'

This Guidance Note reviews the requirements for entries and gives an example of a completed page. The Note replaces MGN 288 and it has some importance for AMERC Members.

May 2009

### **MGN 392 (M+F) RADIO SURVEY AUTHORISATIONS**

Selex Communications no longer provides radio survey facilities for UK ships and this Guidance Note reviews the new arrangements.

It indicates that vessels in class, except passenger ships and fishing vessels will be certificated by UK-recognised classification societies. Other vessels including emergency response and rescue craft and those unclassified will be surveyed by persons authorised by MCA.

This Note, which replaces MGN373 (M+F) explains the procedures and gives relevant addresses.

May 2009

### **MSN 1735 (M+F) AMENDMENT 3 TYPE APPROVAL**

This Merchant Shipping Notice updates the list of equipment for which no agreed international testing standards exist. Further advice is expected from the EU and in the meantime this list is intended to help.

It contains the updated list of UK-designated bodies that are approved to undertake type approval.

August 2009.

### **MIN 347 (M+F) STANDARD PHRASES**

This Marine Information Note reminds its readers that the ability to employ standard Marine Communication Phrases is mandatory for officers in charge of navigation watches on ships of 500 gt or above.

The Note refers readers to the IMO website for further information:

[www.imo.org](http://www.imo.org)

May 2009.

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### **UK SHIP REGISTER**

This MCA site has a useful page with this title, giving compact information, references and links to many items of interest to Members.

# AMERC NEWS SELECTED INDEX (Updated each Issue)

January 2005 - February 2009

**NOTES:**

- (i) **This is a selective index and only records items to which reference is likely to be needed. It is updated with each Issue of AMERC NEWS.**
- (ii) **Issues 17 to 30 are in pdf format and are fully searchable once loaded.**
- (iii) **Quarterly GMDSS Statistics provided by the NAC appear in AMERC NEWS.**
- (iv) **Technical Update supplements in pdf format together with an index can be found on the AMERC Website: [www.amerc.ac.uk](http://www.amerc.ac.uk).**

TOPIC	DETAIL	AN	DATE	Pp
Admiralty	Charts to common datum (MIN 272)	24	Jul 07	13
ADRS	Admiralty Digital Radio Signals Vol 6	23	Mar 7	9
Aerials	Dangers from lead-ins (MGN 330)	22	Nov 06	8
	Ditto (MGN 303)	20	Feb 06	8
African Centres	MRCC & MRSC established	22	Nov 06	8
	Capetown MRCC operational	24	Jul 07	12
AIS	Accuracy of transmission (MIN 290)	25	Nov 07	7
	Accuracy of transmission (MIN 231)	21	Jun 06	8
	Carriage requirements (MSN 1795)	21	Jun 06	8
	Class B UK trails (MIN 268)	23	Mar 07	6
	Double ended ferries (MGN 321)	21	Jun 06	8
	Greek coverage	27	Apr 08	8
	Monitoring coastal shipping – UK	22	Nov 06	13
	Navigation aids systems	21	Jun 06	10
	Non-SOLAS transponder coding (MIN 321)	27	Apr 08	5
	Operational guidance (MGN 277)	17	Feb 05	9
	Performance Standards	23	Mar 07	8
	RCC Network – UK	19	Oct 05	9
	Safety of Navigation (MIN 298)	25	Nov 07	7
	Small craft Class B (MIN 199)	19	Oct 05	7
	UK chain operational	22	Nov 06	8
	UK Third phase completed	26	Jan 08	7
	USCG space based AIS	24	Jul 07	13
	VHF use & ITU Regulations (MGN 324)	22	Nov 06	8
AMERC Address	Registered Office in Kendal	21	Jun 06	4
	Hon. Secretary address change	24	Jul 07	4
	Hon. Secretary telephone change	29	Feb 09	12
	New NAC Manager: Jackie King	26	Jan 08	6
	Treasurer's email address	27	Apr 08	18

CEC	Amended procedures (MIN340)	29	Feb 09	5	
Committees	New Committee & Board structures	22	Nov 06	3	
Course Audit	Chief Examiner to inspect timetable & notes	23	Mar 07	5	
Course Approvals	AMERC provides certificates	22	Nov 06	4	
CSOC	Discussions with HMCG	21	Jun 06	7	
DSC	Test call auto response from USCG	24	Jul 07	13	
ECDIS	Software maintenance (MIN 316)	27	Apr 08	5	
Electronic Charts	Approved standards by UKHO	28	Sep 08	8	
ENEM	ENEM/Radio Maintenance (MGN 384)	29	Feb 09	5	
EPIRB	COSPAS-SARSAT statistics	29	Feb 09	5	
EPIRB	Non SOLAS vessels (MSN 1810)	24	Jul 07	13	
EPIRB	Registration (MSN 1816)	25	Nov 07	6	
Examinations	Registration required (MGN 302)	20	Feb 06	8	
	Appeals on termination - flow chart	24	Jul07	5	
	Application Forms – completing	21	Jun 06	5	
	Application Forms – Re-examination	23	Mar 07	4	
	Digital photography allowed	23	Mar 07	4	
	Dyslexic Candidates	20	Feb 06	4	
	Earlier attempts	21	Jun 06	7	
	Fee Schedule revised	28	Sep 08	5	
	GMDSS Knowledge Paper adopted	28	Sep 08	7	
	Payment Methods	21	Jun 06	5	
	Payments to NAC – correction	19	Oct 06	6	
	Retention of scripts	20	Feb 06	6	
	Scenario-based OPT trial agreed	21	Jun 06	6	
	Scenario-based OPT working party	24	Jul 07	8	
	Scenario-based OPT adopted	28	Sep 08	7	
	Examiners	Active Lists	25	Nov 07	4
		Active Lists	21	Jun 06	7
		Active Lists	19	Oct 05	6
		Active Lists	17	Feb 05	3
Access to Chief Examiner via REC only		24	Jul 07	7	
Deputy & Assistant Chief Examiners		23	Mar 07	3	
Deputy & Assistant Chief Examiner Roles		26	Jan 08	5	
Deputy Chief Examiner appointed		25	Nov 07	4	
Handbook 6th Edition		17	Feb 05	3	
Handbook 7th Edition		27	Apr 08	04	
EPIRB	Taxation & Insurance	19	Oct 05	10	
	Registration (MSN 1816)	25	Nov 07	6	
	Registration required (MGN 302)	20	Feb 06	8	
	Non SOLAS vessels (MSN 1810)	24	Jul 07	13	
Expenses	121.5/243 MHz ceasing Feb 09 (MGN 361)	27	Apr 07	05	
	New Claim Form	25	Nov 07	14	
GMDSS Installed	New Claim Form	20	Feb 06	11	
	Indonesia and Thailand	29	Feb 09	11	
GOC	Proposed revision – Willie Williamson	23	Mar 07	15	
	Critique of structure – Willie Williamson	24	Jul 07	9	
	Revising the structure – Willie Williamson	27	Apr 08	13	
HMCG	AMERC recognition of CSOC	23	Mar 07	4	

HMCG	CSOC & RCSOC recognition finalised	24	Jul 07	4
IMO	New GMDSS Manual published	25	Nov 07	18
IMO	Mandatory requirements	29	Feb 09	5
ITU WARC	Preparations for 2007 – Kim Fisher	20	Feb 06	11
	Ditto	22	Nov 06	11
	Ditto	24	Jul 07	11
	Outcomes & Updates – Kim Fisher	26	Jan 08	8
	2011 WRC – Kim Fisher	30	Feb 09	6
INMARSAT	Barring & Safetynet (MGN 305)	20	Feb 06	8
Licences	Ofcom reforms to ship radio licences	23	Mar 07	7
LRC	Class E DSC controllers – examinations	22	Nov 06	5
	Conversion from Restricted R/T withdrawn	26	Jan 08	4
LRIT	Identities for SAR and security	22	Nov 06	13
	New SOLAS Regulations January 2008	26	Jan 08	7
	SOLAS Requirements (MIN 302)	25	Nov 07	6
	SOLAS Ch V amendments (MGN380)	29	Feb 09	5
	SOLAS Ch V amendments (MIS 343)	29	Feb 09	5
Loran	eLoran UK cover	27	Apr 08	8
	Trial transmissions from Rugby	19	Oct 05	8
	USCG Consultation	23	Mar 07	9
Membership	(Full) Namibian Maritime Institute	28	Sep 08	3
	(Full) Red Ensign, RNLI, (Ass) Kim Holt	21	Jun 06	4
	(Full) Sir Derek Bibby Centre Mumbai	28	Sep 08	3
	(Full) THESI, CERNET, Starcenter, UKSA	24	Jul 07	3
	(Full) Western Training Association	24	Jul 07	3
	(Ass) Shetland School of Nautical Studies	24	Jul 07	3
	(Ass) TST, Australian Maritime College	24	Jul 07	3
	City College Plymouth (resigned)	24	Jul 07	3
	Hull College (resigned)	28	Sep 08	3
	St. Xavier Technical Institute (resigned)	28	Sep 08	3
MCA	Certificates of Course Approval	28	Sep 08	14
MNTB	GOC approval documentation revisions	22	Nov 06	4
MNTB	GMDSS Guideline revised	21	Jun 06	7
Mobile Phones	Radar interference (MIN 290)	19	Oct 05	7
	Warnings against misuse (MSN 299)	20	Feb 06	7
MSI	Change to UK transmissions	23	Mar 07	9
	Summary of UK arrangements (MGN 375)	28	Sep 08	8
Navtex	Standard Abbreviations (MIN 265)	23	Mar 07	6
NAVRAS(M)	Use of GMDSS procedures	24	Jul 07	10
OPT	Erratum: only Sat B approved January 2008	25	Nov 07	5
	Sat B or F77 replace Sat A January 2008	24	Jul 07	9
Perth LES	Close down	23	Mar 07	9
Pirate Broadcasts	Forbidden (MGN 320)	21	Jun 06	5
	Update (MIN 366)	28	Sep 08	8
Piracy	Alerting by DSC	22	Nov 06	5
	Modern Piracy - W. Williamson	17	Feb 05	7
	Anti-piracy Measures (MGN 298)	20	Feb 06	7
Revalidation	Surveyors and pilots	24	Jul 07	10
	STW 37	21	Jun 06	7

Revalidation	Sea-time requirement	22	Nov 06	4
	Ditto	19	Oct 05	6
SAR	Signals in distress & SAR (MGN 304)	20	Feb 06	8
Radar	Performance standards(MIN 246)	21	Jun 06	7
	Corrigendum (MGN 298)	20	Feb 06	7
	Mobiles' interference (MIN 290)	19	Oct 05	7
	Radar Reflectors (MGN 349)	25	Nov 07	6
Safe Practices	MS Regulations 1998 (MIN 235)	22	Nov 06	8
Security	Ship Security - Phil Davies	22	Nov 06	9
Ship's Manuals	Need for accuracy and lucidity (MIN 312)	27	Apr 08	5
Shore Maintenance	Selenia Contract (MGN 292)	19	Oct 05	7
Shore Maintenance	Requirements (MGN 350)	25	Nov 07	6
SOLAS	Chapter V amendments (MSN 1812)	23	Mar 07	6
	Radiocommunications (MSN 1810)	23	Mar 07	6
	Revising SOLAS/Regs – Ian Waugh	27	Apr 07	16
Surveys	Selenia Contacts (MGN 286)	20	Feb 06	7
	Alternative Compliance	25	Nov 07	7
Training Schemes	Using the VQ route (MGN 8)	22	Nov 06	8
Transas	GMDSS Simulator	22	Nov 06	6
	Hard panel needed for Version 4000	24	Jul 07	4
	Live receiver & work station requirements	25	Nov 07	4
Transas	TGS4100 Simulator equipment consistency	27	Apr 08	04
	TGS4100 Simulator training of staff	27	Apr 08	04
Use of Equipment	Maintenance records (MGN 331)	22	Nov 06	8
VDR	Performance Testing (MGN 272)	17	Feb 05	9
Website	Ideas needed	24	Jul 07	12
	Review of new arrangements	27	Apr 08	6
W/T Act 2006	Consolidation of Acts post-1949	23	Mar 07	10
Yacht Officers	Deck Officer CoC (MSN 1892)	23	Mar 07	6

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## EXECUTIVE COMMITTEE OBSERVERS

Members are reminded that the Executive Committee welcomes observers at its meetings. So far four members have taken up the invitation.

Permanent members and observers alike feel that the observers have made substantial contributions to the work of the Association. It would be good to have other 'new faces' attending the Committee and those interested in this should contact the Secretary who will be happy to advise.

## BACK PAGE

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### EQUIPMENT FOR SALE

*The Secretary has received an email from Hugh Bristow of Satellite and General Communications offering GMDSS used equipment for sale. The text says:*

We have a complete set of used GMDSS equipment that would be ideal for a GOC course. A brief description of the equipment is as follows -

A Sailor Radio Area A3 console with twin battery chargers, 600 watt SSB, Sat C, TOR, message terminals, VDU's and printers. There is an additional remote control for the SSB, an EGC printer and alarm unit. Full sets of drawings and manuals are incorporated.

Two sets of ICS DSC2 GMDSS with modules for VHF, GPS, MF/HF SSB. Also included are 2 x Icom M710 SSBs and 2 x Simrad RS8400 VHF's

Two ICS GMDSS Navtex receivers, and a Leica DGPS. In addition for demonstration purposes we have an ACR and Lokata EPIRB, a McMurdo SART, McMurdo GPS EPIRB, and two Furuno handheld GMDSS VHF's.

We are looking for around €18,000 for the lot.

Should you require further info and detailed descriptions of the equipment available, please contact the undersigned.

Regards – Hugh Bristow

***Interested Members should contact Hugh directly on [mail@satgenweb.com](mailto:mail@satgenweb.com)***

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Articles and suggestions for future issues of AMERC NEWS can be sent at any time.

***Brian Cotton, Editor.***

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