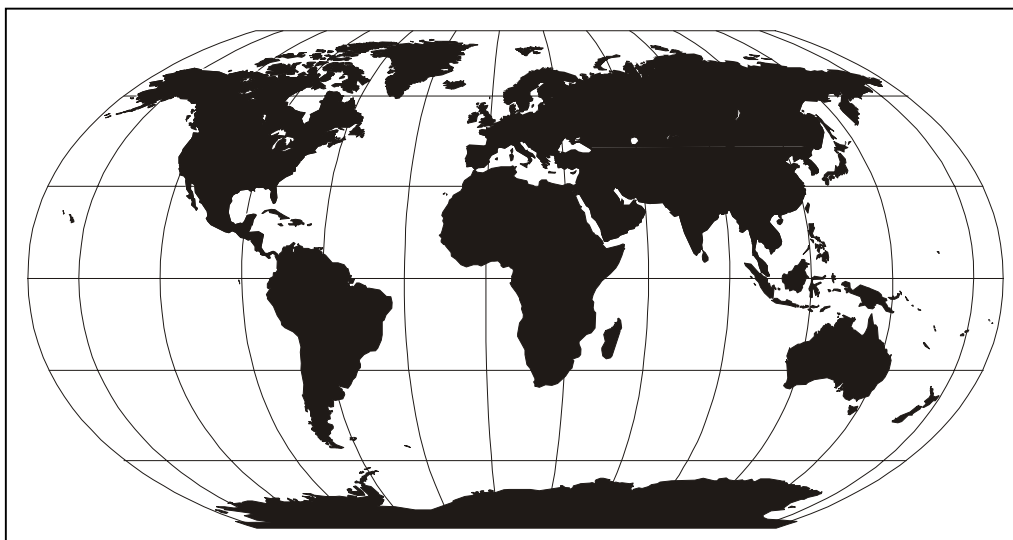




OPERATIONAL NEWSLETTER

World Weather Watch and Marine Meteorological Services



**WORLD METEOROLOGICAL ORGANIZATION
GENEVA
SWITZERLAND**

No. 7/8 - 1999
(July/August 1999)

... *inside this issue*

No. 7/8 - CONTENTS - 1999

	<i>PAGE</i>
Editorial	3
Forthcoming Meetings	4
<u>I. Global Observing System</u>	<u>6</u>
Automatic Marine Stations.....	6
<u>II. Global Telecommunication System.....</u>	<u>13</u>
GTS bulletin headers for buoy data.....	13
Revision of Bulletin.....	14
List of RTH focal points.....	15
Publication No. 9, Volume C1 - Meteorological Bulletins	18
<u>III. Marine Meteorological Services</u>	<u>36</u>
Publication No. 9, Volume D - Information for Shipping.....	36
Feed-back from Members to the Secreariat on any changes in the Observing Network:	38
<i>Explanatory Notes and Feedback Form</i>	

EDITORIAL

The Operational Newsletter provides information on the World Weather Watch and Marine Meteorological Services and has been issued since 1982 at the request of the Commission for Basic Systems. It is distributed by the World Meteorological Organization Secretariat and is aimed at providing World Weather Watch Centres with a summary of the latest operational information on:

- *The Global Observing System*
- *The Global Telecommunication System*
- *The Global Data-Processing System*
- *Data Management*
- *Codes*
- *Marine Meteorological Services*

A feedback form is included in the Newsletter to assist WMO Members in reporting changes in the present status of implementation of observing programmes of SYNOP, TEMP and PILOT reporting stations.

Your co-operation in ensuring that the above information reaches the appropriate operational units of your service is greatly appreciated.

Should you have any difficulties downloading, viewing or printing the Newsletter, please do not hesitate to contact us.

We look forward to hearing from you!

Acknowledgements:

The WMO Secretariat would like to express its appreciation to all those who have contributed material to the "Operational Newsletter".

Operational Newsletter:

6 issues per year:

January/February

March/April

May/June

July/August

September/October

November/December

PLEASE check our World Weather Watch home page for the most recent edition. Alternatively send us your email address, and we will contact you when the Newsletter is available.

Internet:

Rising costs demand that we scale down the distribution of the Newsletter by letter mail, so we strongly encourage our readers to help us become more cost-effective by using our on-line service which is available over the internet at the following url:

For access via http:

<http://www.wmo.ch/web/ddbs/jen/Newsletters/index.html>

For access via ftp:

<ftp://www.wmo.ch/wmo-ddbs/OperationalInfo/Newsletters/>

The electronic document is created in Adobe Acrobat Portable Document Format (PDF) so that users can easily download, view or print the document from different computer platforms, keeping the page layout and typography of the original document intact.

To view the Newsletter electronically you require "Adobe Acrobat Reader", which can be downloaded at the following location:

<http://www.adobe.com/prodindex/Acrobat/readstep.html> (full instructions on installation and use are provided).

Subscriptions:

Please contact:

Tel.: +41 22 730 85 89

Or mail to:

Public Weather and Operational Information Unit
World Meteorological Organization
7 bis, Avenue de la Paix,
Case postale No. 2300
CH - 1211 GENEVE 2
Switzerland

Internet: bestj@www.wmo.ch

1999 MEETINGS

Related to: The World Weather Watch and Marine Meteorological Services

The meetings relating to the Commission for Basic Systems (CBS) reflect the new working structure of the Commission, which was adopted at the Extra-Ordinary Session, held in September/October 1998 in Karlsruhe, Germany. For more information, please refer to the CBS-Ext. (98) Final Report (to be published in May 1999).

Terminology adopted by CBS and used below:

CBS/OPAG-IOS	Commission for Basic Systems/Open Programme Area on Integrated Observing Systems
CBS/OPAG-ISS	Commission for Basic Systems/Open Programme Area on Information Systems and Services
CBS/OPAG-DPFS	Commission for Basic Systems/Open Programme Area on Data-processing and Forecasting Systems
CBS/OPAG-PWS	Commission for Basic Systems/Open Programme Area on Public Weather Services

Date	Place	Title of the Meeting
September 1999	Beijing, China (tentative)	CBS/OPAG-DPFS/Expert meeting on Environmental Emergency Response
8-15 September 1999	Vancouver, Canada	Workshop on Advances in Marine Climatology (CLIMAR 99) (co-sponsored by WMO)
13-17 September 1999	Geneva, WMO Secretariat	CBS/OPAG-ISS/Expert Team on quantitative monitoring
21-29 September 1999	Mauritius	Regional Association I (Africa) Tropical Cyclone Committee for the South-West Indian Ocean - 14 th Session
27-30 September 1999	Geneva, WMO Secretariat	CBS/OPAG-ISS/Expert Team on Data Communication Systems and Techniques
29 September - 1 October 1999	Norkopping, Sweden	Automated Shipboard Aerological Programme (ASAP) Coordinating Committee, 11 th Session
29 September - 1 October 1999	Mauritius	Workshop on Public Weather Services in conjunction with the RA I - Tropical Cyclone Committee
30 September-5 October 1999	Geneva, WMO Secretariat	CBS/OPAG-ISS/Expert Team on improved MTN
October 1999 (Date to be decided)	Monterey, CA, USA (tentative)	CBS/OPAG-ISS/Expert Meeting on the evolution of Data Formats
6-8 October 1999	Geneva, WMO Secretariat	Implementation Coordination Meeting on the MTN
4-14 October 1999	Nadi, Fiji	The Second Training Workshop on Public Weather and Warning Services
12-16 October 1999	Doha, Qatar	Implementation Coordination Meeting on the GTS in Region II
17-21 October 1999	Doha, Qatar	Third Session of the Working Group on Planning and Implementation of the WWW in Region II
18-22 October 1999	St. Raphael, France	International Conference: The Ocean Observing System for Climate
20-26 October 1999	New Delhi, India	Regional Meeting on Storm Surge Project
26 October - 3 November 1999	Wellington, New Zealand	Data Buoy Cooperation Panel - 15 th Session and ARGOS Joint tariff Agreement - 19 th Meeting

5-11 November 1999	St. Denis, La Réunion	Third Tropical Cyclone Regional Specialized Meteorological Centres (RSMCs) Technical Coordination Meeting
8-12 November 1999	Melbourne, Australia	Training Workshop for Port Meteorological Officers in Regions II (Asia) and V (South-West Pacific)
8-12 November 1999	Pretoria, South Africa	CBS/OPAG-DPFS/Implementation Coordination Meeting on Data Processing and Forecasting Systems
8-19 November 1999	St. Denis, La Réunion	Regional Association I (Africa) Training course on Tropical Cyclones (co-sponsored by the World Meteorological Organization (WMO))
10-12 November 1999	Geneva, WMO Secretariat	CBS/Steering Group on Radio Frequency Coordination
23-29 November 1999	Seoul, Korea	Economic and Social Commission for Asia and the Pacific/World Meteorological Organization (ESCAP/WMO) Typhoon Committee - 32 nd Session
23-27 November 1999	Hong Kong; China	CBS/OPAG-PWS/Expert Team on Product Development and Verification and Evaluation Services
29-30 November 1999	Seoul, Korea	Public Weather Services Workshop in conjunction with the Typhoon Committee Session
29 November - 3 December 1999	Geneva, WMO Secretariat	CBS/OPAG-IOS/Expert Team on Observational Data Requirements and Redesign of the GOS - 2 nd Session
1999 (Date to be decided)	China (Place to be decided)	Regional Workshop on Doppler Tropical Cyclone Radars organized by the Typhoon Committee and Panel on Tropical Cyclones in cooperation with the World Meteorological Organization
1999 (Date to be decided)	Place to be decided	Regional Training Seminar on Operational Post-processing Techniques for Application of Numerical Weather Prediction (NWP) Products (for Regional Association II (Asia) and V (South-West Pacific))

Meeting Scheduled in 2000

October 2000 (Date to be decided)	Place to be decided	Commission for Basic Systems - 12 th Session
--------------------------------------	---------------------	---

I. GLOBAL OBSERVING SYSTEM

AUTOMATIC MARINE STATIONS

KEY: Observed or Technical Parameters

Column	Parameters	Column	Parameters
1	Wind direction, speed and peak wind	12	Battery Voltage (BV)
2	Air temperature	13	Dew Point
3	Air pressure	-	Parameter not observed
4	Pressure tendency	X	Buoy observes this parameter
5	Sea-surface temperature	.	Data under evaluation, not reported
6	Wave period and height		
7	Wave spectra	B	Buoy beached, sensor reporting
8	Drogued	N	No sensor installed
9	Subsurface temperatures	Q	Data questionable, but reported
10	Relative humidity	R	Buoy Retrieved
11	Visibility	S	Sensor/system failure

CANADA ODAS REPORT Moored Buoys

North-east Pacific Ocean (SNVD17 & SXCN50 CWVR, SNVD04 CWEG)

WMO Buoy	ARGOS	Position: 5 August 1999		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
46004	7195	50 59' N	135 48' W	X	X	X	X	X	X	X	N/A	-	-	-
46036	5324	48 21' N	133 56' W	X	S	X	X	X	X	X	N/A	-	-	-
46131	N/A	49 54' N	124 59' W	X	X	X	X	X	X	X	N/A	-	-	-
46132	7196	49 44' N	127 56' W	X	X	X	X	X	X	X	N/A	-	-	-
46145	7183	54 23' N	132 25' W	X	X	X	X	X	X	X	N/A	-	-	-
46146	N/A	49 20' N	123 44' W	X	X	X	X	X	X	X	N/A	-	-	-
46147	7184	51 50' N	131 14' W	X	X	X	X	X	X	X	N/A	-	-	-
46181	N/A	53 50' N	128 50' W	X	X	X	X	X	X	X	N/A	-	-	-
46183	7186	53 37' N	131 07' W	X	X	X	X	X	X	X	N/A	-	-	-
46184	7180	53 56' N	138 53' W	X	X	X	X	X	X	X	N/A	-	-	-
46185	7194	52 25' N	129 47' W	X	X	X	X	X	X	X	N/A	-	-	-
46204	4484	51 22' N	128 45' W	X	X	X	X	X	X	X	N/A	-	-	-
46205	7185	54 10' N	134 17' W	X	X	X	X	X	X	X	N/A	-	-	-
46206	7187	48 50' N	126 00' W	X	X	X	X	X	X	X	N/A	-	-	-
46207	4485	50 53' N	129 55' W	X	X	X	X	X	X	X	N/A	-	-	-
46208	7197	52 31' N	132 42' W	X	X	X	X	X	X	X	N/A	-	-	-

Moored Buoys North-west Atlantic Ocean

WMO Buoy	ARGOS	Position: 5 August 1999		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
44137	5579	41 50' N	060 56' W	X	X	X	X	X	X	X	N/A	-	-	-
44138	5577	44 16' N	053 37' W	X	X	X	X	X	X	X	N/A	-	-	-
44139	3448	44 16' N	057 22' W	X	S	X	X	X	X	X	N/A	-	-	-
44140	5576	43 50' N	051 30' W	X	X	X	X	X	X	X	N/A	-	-	-
44141	3449	42 05' N	056 19' W	X	X	X	X	X	X	X	N/A	-	-	-
44142	5578	42 30' N	064 01' W	X	X	X	X	X	X	X	N/A	-	-	-
44251	9234	46 26' N	053 23' W	X	X	X	X	X	X	X	N/A	-	-	-
44255	9233	47 17' N	057 21' W	X	X	X	X	X	X	X	N/A	-	-	-

Moored Buoys
Gt Slave Lk., Lk. Winnipeg, Great Lks., Gulf of St. Lawrence

WMO Buoy	ARGOS	Position: 5 August 1999		Observed or Technical Parameters										
ID	ID	Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
45132	N/A	42 28' N	081 13' W	X	X	X	X	X	X	X	N/A	-	-	-
45135	N/A	43 47' N	076 52' W	X	X	X	X	X	X	X	N/A	-	-	-
45136	N/A	48 32' N	086 57' W	X	X	X	X	X	X	X	N/A	-	-	-
45137	N/A	45 33' N	081 01' W	S	S	S	S	S	S	S	N/A	-	-	-
45138	3436	49 33' N	065 46' W	X	X	X	X	X	X	X	N/A	-	-	-
45139	N/A	43 26' N	079 23' W	S	S	S	S	S	S	S	N/A	-	-	-
45140	N/A	50 48' N	096 44' W	X	X	X	X	X	X	X	N/A	-	-	-
45141	N/A	61 11' N	115 19' W	X	X	X	X	X	X	X	N/A	-	-	-
45142	N/A	42 44' N	079 17' W	X	X	X	X	X	X	X	N/A	-	-	-
45143	N/A	44 55' N	080 38' W	S	S	S	S	S	S	S	N/A	-	-	-
45144	3439	53 15' N	098 50' W	X	X	X	X	X	.	.	N/A	-	-	-
45150	8671	61 55' N	113 45' W	X	X	X	X	X	X	X	N/A	-	-	-
45151	N/A	44 30' N	079 22' W	X	X	X	X	X	X	X	N/A	-	-	-
45152	N/A	46 14' N	079 43' W	S	S	S	S	S	S	S	N/A	-	-	-
45154	N/A	46 03' N	082 38' W	X	X	X	X	X	X	X	N/A	-	-	-

Drifting Buoys
Pacific Ocean

WMO Buoy	ARGOS	Position: 1 August 1999		Observed or Technical Parameters										
ID	ID	Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
46661	12521	44 12' N	135 00' W	X	S	X	X	X	.	.	X	X	X	X
46692	12513	32 36' N	136 18' W	S	X	X	X	X	.	.	X	X	X	X
46698	12515	42 18' N	126 06' W	X	S	X	X	X	.	.	X	X	X	X

Remarks:

44139 - Re-deployed June 24/99. Air temp intmt July 22, failed July 29/99.
 44141 - Re-deployed June 29/99.
 45132 - Xmitr/ant problems.
 45135 - Serviced July 26/99.
 45138 - Serviced June 23/99.
 45140 - Re-deployed June 2/99.
 45141 - Re-deployed July 5/99.
 45142 - Buoy reactivated July 13/99. Ocnl missing message.

 45144 - Re-deployed June 11/99. Wind intermittent.
 45150 - Re-deployed July 9/99.
 45151 - Deployed June 21/99.
 45154 - Serviced July 12/99.
 46036 - Buoy serviced May 9/99.
 46132 - Buoy serviced May 7/99.

46183 - Anemometers replaced July 19/99.
 46184 - Buoy serviced May 11/99.
 46207 - Buoy serviced May 15/99.
 46632 - Drifted west of 180 deg. July 20/99.
 46661 - Air temp. failed Sept. 98
 46692 - Wind failed Nov.20/98.
 46698 - Air temp. failed Oct 05/98

Failed:

45137 - Exchanged Xmitr July 22, failed July 24/99.
 45139 - Payload failed Jan 15/99.
 45143 - Failed on deployment Apr 18/99. Serviced July 16, failed July 25/99.
 45152 - Deployed June 3, failed June 6/99.

UNITED STATES OF AMERICA

List of U.S.A. Ocean Data Acquisition Systems (ODAS) included in the Data Platform Status Report of the Data Buoy Centre of the National Oceanic and Atmospheric Administration (NOAA) on 6 August 1999. Geostationary meteorological satellites collect data from moored buoys and platforms and reports are distributed on the GTS in SHIP code. Data from drifting buoys are collected by the ARGOS system and distributed on the GTS in DRIFTER CODE.

Moored Buoys

WMO Buoy	ARGOS	Position: 29 Jul - 5 Aug 1999		Observed or Technical Parameters												
ID	ID	Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11	12	13
41001		34.68N	72.64W	X	X	X	-	X	X	X	-	-	-	-	-	N
41002		32.28N	75.20W	X	X	X	-	X	X	X	-	-	-	-	-	N
41004		32.51N	79.10W	X	X	X	-	X	X	X	-	-	-	-	-	X
41008		31.40N	80.87W	X	X	X	-	X	X	X	-	-	-	-	-	X
41009		28.50N	80.18W	X	X	X	-	X	X	X	-	-	-	-	-	N
41010		28.90N	78.53W	X	X	X	-	X	X	X	-	-	-	-	-	N
42001		25.93N	89.65W	X	X	X	-	X	X	X	-	-	-	-	-	X
42002		25.89N	93.57W	X	X	X	-	X	X	X	-	-	-	-	-	X
42003		25.94N	85.91W	X	X	X	-	X	X	X	-	-	-	-	-	N
42007		1.02N	1.02W	X	X	X	-	X	X	X	-	-	-	-	-	X
42019		27.92N	95.35W	X	X	X	-	X	X	X	-	-	-	-	-	N
42020		26.92N	96.70W	X	X	X	-	X	X	X	-	-	-	-	-	X
42035		29.25N	94.41W	X	X	X	-	X	X	X	-	-	-	-	-	X
42036		28.51N	84.51W	X	X	X	-	X	X	X	-	-	-	-	-	X
42039		28.78N	86.04W	S	S	S	-	S	S	S	-	-	-	-	-	S
42040		29.20N	88.25W	X	X	X	-	X	X	X	-	-	-	-	-	X
44004		38.46N	70.69W	X	X	X	-	X	X	X	-	-	-	-	-	N
44005		42.90N	68.89W	X	X	X	-	X	X	X	-	-	-	-	-	N
44007		43.53N	70.14W	X	X	X	-	X	X	X	-	-	-	-	-	X
44008		40.50N	69.43W	X	X	X	-	X	X	X	-	-	-	-	-	X
44009		38.46N	74.70W	X	X	X	-	X	X	X	-	-	-	-	-	N
44011		41.08N	66.58W	X	X	X	-	X	X	X	-	-	-	-	-	N
44013		42.35N	70.69W	X	X	X	-	X	X	X	-	-	-	-	-	X
44014		36.58N	74.83W	X	X	X	-	X	X	X	-	-	-	-	-	N
44025		40.25N	73.17W	X	X	X	-	X	X	X	-	-	-	-	-	X
45001		48.06N	87.78W	X	X	X	-	X	X	X	-	-	-	-	-	N
45002		45.30N	86.42W	X	X	X	-	S	X	X	-	-	-	-	-	N
45003		45.33N	82.77W	X	X	X	-	X	X	X	-	-	-	-	-	N
45004		47.56N	86.55W	X	X	X	-	X	X	X	-	-	-	-	-	N
45005		41.67N	82.39W	X	X	X	-	X	X	X	-	-	-	-	-	N
45006		47.32N	89.87W	X	X	X	-	X	X	X	-	-	-	-	-	N
45007		42.67N	87.02W	X	X	X	-	X	X	X	-	-	-	-	-	N
45008		44.28N	82.42W	X	X	X	-	X	X	X	-	-	-	-	-	N
46001		56.30N	148.17W	S	X	X	-	X	X	X	-	-	-	-	-	N
46002		42.53N	130.26W	R	R	R	-	R	R	R	-	-	-	-	-	R
46003		51.85N	155.92W	X	X	X	-	X	X	X	-	-	-	-	-	N
46005		46.08N	131.00W	S	X	X	-	X	X	X	-	-	-	-	-	N
46006		40.84N	137.49W	X	X	X	-	X	X	X	-	-	-	-	-	N
46011		34.88N	120.87W	X	X	X	-	X	X	X	-	-	-	-	-	X
46012		37.39N	122.72W	S	S	S	-	S	S	S	-	-	-	-	-	N
46013		38.23N	123.33W	X	X	X	-	X	X	X	-	-	-	-	-	N
46014		39.22N	123.97W	X	X	X	-	S	X	X	-	-	-	-	-	N
46022		40.74N	124.51W	X	X	X	-	X	X	X	-	-	-	-	-	N

46023		34.71N	120.97W	X	X	X	-	X	X	X	-	-	-	-	-	X
46025		33.75N	119.08W	X	X	X	-	X	X	X	-	-	-	-	-	X
46026		37.75N	122.82W	X	X	X	-	X	X	X	-	-	-	-	-	X
46027		41.86N	124.38W	X	X	X	-	X	X	X	-	-	-	-	-	N
46028		35.74N	121.88W	X	X	X	-	X	X	X	-	-	-	-	-	N
46029		46.12N	124.50W	X	X	X	-	X	X	X	-	-	-	-	-	N
46030		40.42N	124.53W	S	S	S	-	S	S	S	-	-	-	-	-	N
46035		56.91N	177.81W	X	X	X	-	X	X	X	-	-	-	-	-	N
46041		47.42N	124.52W	X	X	X	-	X	X	X	-	-	-	-	-	N
46042		36.75N	122.42W	X	X	X	-	X	X	X	-	-	-	-	-	X
46047		32.43N	119.53W	X	X	X	-	X	X	X	-	-	-	-	-	X
46050		44.62N	124.53W	X	X	X	-	S	X	X	-	-	-	-	-	N
46053		34.24N	119.85W	X	X	X	-	X	X	X	-	-	-	-	-	N
46054		34.27N	120.45W	X	X	X	-	X	X	X	-	-	-	-	-	N
46059		37.98N	130.00W	X	S	S	-	X	X	X	-	-	-	-	-	N
46060		60.58N	146.83W	X	X	X	-	X	X	X	-	-	-	-	-	N
46061		60.22N	146.83W	X	X	X	-	X	X	X	-	-	-	-	-	N
46062		35.10N	121.01W	X	X	X	-	X	X	X	-	-	-	-	-	X
46063		34.25N	120.66W	X	X	X	-	X	X	X	-	-	-	-	-	N
51001		23.40N	162.27W	X	X	X	-	X	X	X	-	-	-	-	-	N
51002		17.19N	157.83W	X	X	X	-	X	X	X	-	-	-	-	-	N
51003		19.14N	160.81W	X	X	X	-	X	X	X	-	-	-	-	-	N
51004		17.44N	152.52W	S	S	X	-	X	X	X	-	-	-	-	-	N
51028		0.00N	153.88W	X	X	X	-	X	X	X	-	-	-	-	-	N

* Base funded station of National Weather Service (NWS); however, all stations report data to NWS.

Total Base Funded Buoys: 57
 Total Other Buoys 10

 Total Moored Buoys 67

Remarks (d/m/yy):

41009 - Wind and air temp data failed 7/7/99, serviced and restored 8/3/99.
 42039 - Station failed 7/21/99.
 45002 - Water temp data failed 4/11/99.
 46001 - Wind data failed 11/13/98, service scheduled 8/99.
 46002 - Buoy confirmed adrift 9/24/98, recovered 12/4/98, redeployment scheduled 8/99.
 46005 - Wind data failed 2/12/99.
 46012 - Station failed 5/17/99, service scheduled week of 8/2/99.
 46014 - Water temp data failed 11/22/98, service scheduled week of 8/16/99.

46030 - Wave data failed 1/14/99, station failed 6/29/99, service scheduled 8/23/99.
 46035 - Parity errors in data.
 46042 - Station failed 4/4/99, redeployed 8/3/99.
 46050 - Water temp data failed 3/22/99, service scheduled 8/99.
 46053 - Parity errors in data.
 46059 - Air temp and pressure data failed 12/10/97, service scheduled week of 9/20/99.
 51004 - Wind and air temp data failed 3/30/99, service scheduled 9/99.
 51028 - Parity errors in data.

AUSTRALIA Moored Buoys

WMO Buoy	ARGOS	Position: 30 June 1999		Observed or Technical Parameters										
ID	ID	Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
55038	2946	-35.186	138.299	X	X	X	X	X	-	-	-	-	-	-

Drifting Buoys (Drogued)

WMO Buoy	ARGOS	Position: 30 June 1999		Observed or Technical Parameters										
ID	ID	Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
52624	2942	-14.188	138.122	X	X	X	X	X	-	-	-	-	-	-
53551	8097	-18.872	102.532	-	-	X	X	X	-	-	-	-	-	-
55525	2948	-39.535	157.518	-	X	X	X	X	-	-	-	-	-	-
56501	8590	-20.775	107.747	X	-	X	X	X	-	-	-	-	-	-
56529	4873	-28.935	70.988	-	-	X	-	X	-	-	-	-	-	-
56535	2939	-53.26	-45.17	-	X	X	X	X	-	-	-	-	-	-
56536	4876	-39.467	-165.125	-	-	S	-	X	-	-	-	-	-	-
56537	2930	-19.857	63.352	X	X	X	X	S	-	-	-	-	-	-
56539	8035	-42.445	148.877	-	X	X	X	S	-	-	-	-	-	-
56540	4877	-17.536	90.833	-	-	X	X	X	-	-	-	-	-	-
56541	8037	-60.751	141.79	-	X	X	X	X	-	-	-	-	-	-
56544	8039	-16.455	78.975	X	X	X	X	X	-	-	-	-	-	-
56545	2693	-37.078	123.869	-	S	X	X	X	-	-	-	-	-	-
56546	2489	-48.762	143.487	-	X	X	X	X	-	-	-	-	-	-
56547	2937	-37.076	100.642	-	X	S	S	X	-	-	-	-	-	-
56548	8098	-42.448	110.222	-	-	X	X	-	-	-	-	-	-	-
56549	8099	-60.141	84.309	-	-	X	X	-	-	-	-	-	-	-
56550	1870	-19.955	105.402	X	X	X	X	-	-	-	-	-	-	-

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

Moored Buoys, Light Vessels, Islands and Fixed Platforms

WMO Buoy	ARGOS	Position: 2 August 1999		Observed or Technical Parameters										
ID	ID	Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
03007*	-	60°35'N	01°16'W	X	X	X	X	-	-	X	X	-	-	-
03010*	-	59°05'N	04°24'W	X	X	X	X	-	-	X	X	-	-	-
03011*	-	59°08'N	05°50'W	X	X	X	X	-	-	X	X	-	-	-
03014*	-	60°07'W	02°04'W	X	X	X	X	-	-	X	X	-	-	-
62001	22573	45°14'N	05°00'W	X	X	X	X	X	X	X	X	-	-	-
62026	21272	55°20'N	02°20'E	X	X	X	X	X	X	X	X	-	-	-
62029	04007	48°42'N	12°25'W	X	X	X	X	X	X	X	X	-	-	-
62081	22572	51°00'N	13°20'W	X	X	X	X	X	X	X	X	-	-	-
62101	-	50°37'N	02°44'W	X	X	X	X	X	X	X	X	-	-	-
62103**	-	49°55'N	02°54'W	X	X	X	X	X	X	X	X	X	-	-
62105	15829	55°37'N	12°41'W	X	X	X	X	X	X	X	X	-	-	-
62106	21274	57°00'N	09°52'N	X	X	X	X	X	X	X	X	-	-	-
62107**	-	50°04'N	06°04'W	X	X	X	X	X	X	X	X	X	-	-
62108	06262	53°34'N	19°30'W	X	X	X	X	X	X	X	X	-	-	-
62109	21271	57°00'N	00°00'E	X	X	X	X	X	X	X	X	-	-	-
62112*	-	58°42'N	01°17'E	X	X	X	X	-	-	X	X	-	-	-

62118*	-	57°45'N	00°55'E	X	X	X	X	-	-	X	X	-	-	-
62126*	-	58°51'N	03°35'W	X	X	X	X	-	-	X	X	-	-	-
62129*	-	53°03'N	02°14'E	X	X	X	X	-	-	X	X	-	-	-
62163	21270	47°30'N	08°30'W	X	X	X	X	X	X	X	X	-	-	-
62301	-	52°10'N	05°05'W	X	X	X	X	X	X	X	-	-	-	-
62302	-	54°08'N	03°37'W	X	X	X	X	X		X	-	-	-	-
62303	06264	51°37'N	05°09'W	X	X	X	X	X	X	X	X	-	-	-
62304**	-	51°09'N	01°47'E	X	X	X	X	X	X		X	X	-	-
62305**	-	50°25'N	00°00'W	X	X	X	X	X	X	X	X	X	-	-
63103*	-	61°14'N	01°09'E	X	X	X	X	-	-	X	X	-	-	-
63111*	-	59°33'N	01°32'E	X	X	X	X	-	-	X	X	-	-	-
64045	15825	59°15'N	11°41'W	X	X	X	X	X	X	X	X	-	-	-
64046	03718	60°30'N	05°00'W	X	X	X	X	X	X	X	X	-	-	-

* Fixed platforms or islands

** Automatic Light Vessels

Drifting Buoys

WMO Buoy ID	ARGOS ID	Position: 2 August 1999		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
48102	1261*	73.7N	70.4W	-	X	X	-	-	-	-	-	-	-	-
-	1351	81.0N	50.7W	-	X	X	-	-	-	-	-	-	-	-
44625	12283	50.0N	35.8W	-	X	X	X	X	-	-	-	-	-	-
44626	12284	47.9N	44.5W	-	X	X	X	X	-	-	-	-	-	-
44627	12285	43.3N	56.0W	-	X	X	X	X	-	-	-	-	-	-
44628	12287	39.2N	47.3W	-	X	X	X	X	-	-	-	-	-	-
44621	12372	48.1N	29.3W	-	X	X	X	X	-	-	-	-	-	-
44629	12374	40.7N	46.3W	-	X	X	X	X	-	-	-	-	-	-
44614	12375	52.7N	15.5W	-	X	X	X	X	-	-	-	-	-	-
44630	12376	42.7N	48.9W	-	X	X	X	X	-	-	-	-	-	-
44780	26742	72.4N	14.4E	-	X	X	X	X	-	-	-	-	-	-
44768	26746	67.5N	12.1E	-	X	X	X	X	-	-	-	-	-	-
44773	26751	57.1N	7.4W	X	X	X	X	X	-	-	-	-	-	-
44764	28464	48.7N	5.6W	-	X	X	X	X	-	-	-	-	-	-
44766	28465	54.8N	40.4W	-	X	X	X	X	-	-	-	-	-	-
44765	28466	30.7N	47.7W	-	X	X	X	X	-	-	-	-	-	-
44613	28467	35.0N	19.3W	-	X	X	X	X	-	-	-	-	-	-
65591	28468	58.2N	18.0W	-	X	X	X	X	-	-	-	-	-	-
44760	28469	53.6N	9.8W	-	X	X	X	X	-	-	-	-	-	-
44624	28470	57.3N	20.3W	-	X	X	X	X	-	-	-	-	-	-
44742	28471	43.9N	5.3W	-	X	X	X	X	-	-	-	-	-	-
44778	28473	47.2N	7.7W	-	X	X	X	X	-	-	-	-	-	-
65599	28477	63.1N	35.1W	-	X	X	X	X	-	-	-	-	-	-

* Ice drifter

ARGOS SERVICE

ARGOS monthly status report

Date of Statistics computation: 1 July 1999

Date of Statistics computation: 2 August 1999

Reports handled by ARGOS Service
List of monthly collected ARGOSs platforms sorted by type of platform

Reports handled by ARGOS Service
List of monthly collected ARGOSs platforms sorted by type of platform

DRIFTING BUOY	1134
MARINE STATION	130
MOORED BUOY	320
TERRESTRIAL ANIMALS	135
MARINE ANIMALS	143
BIRDS	165
BALLOONS	7
RAFOS FLOATS	131
FIXED STATION	599
TOTAL	2764

DRIFTING BUOY	1209
MARINE STATION	135
MOORED BUOY	336
TERRESTRIAL ANIMALS	104
MARINE ANIMALS	155
BIRDS	201
BALLOONS	5
RAFOS FLOATS	117
FIXED STATION	609
TOTAL	2871

Reports inserted into the GTS
(List of monthly collected ARGOS platforms on indicated GTS sites sorted by type of platform)

Reports inserted into the GTS
(List of monthly collected ARGOS platforms on indicated GTS sites sorted by type of platform)

INSERTED BY RTH TOULOUSE

DRIFTING BUOY	144
FIXED STATION	19
MOORED BUOYS	15

INSERTED BY RTH TOULOUSE

DRIFTING BUOY	143
FIXED STATION	19
MOORED BUOYS	15

INSERTED BY RTH/WMC WASHINGTON

DRIFTING BUOY	597
FIXED STATIONS	29
GPS MOBILE	-
MOORED BUOY	67

INSERTED BY RTH/WMC WASHINGTON

DRIFTING BUOY	603
FIXED STATIONS	29
GPS MOBILE	-
MOORED BUOY	67

CODING STATISTICS OF PLATFORMS
Reporting through ARGOS and distributed over the GTS

CODING STATISTICS OF PLATFORMS
Reporting through ARGOS and distributed over the GTS

BATHY	317
BUOY	283220
SHIP	1819
SIMPLE	2184
SYNOP	30550
TOTAL	318090

BATHY	240
BUOY	289103
SHIP	2137
SIMPLE	2152
SYNOP	30588
TOTAL	324220

II. GLOBAL TELECOMMUNICATION SYSTEM

NEW LIST OF GTS BULLETIN HEADERS FOR BUOY DATA

For implementation on: 13 October 1999 at 15UTC

At its 14th session in Marathon, Florida, 12-16 October 1998, the DBCP discussed a proposal from the NOAA GOOS center for a restructuring of the system of bulletin header assignment for buoy data distributed on the GTS. The present system essentially groups buoy reports into bulletins based on the geographical location of the buoys. The proposal was for reports to be grouped into bulletins based on specific programmes and/or action groups, which would greatly facilitate programme monitoring and remedial action to correct any problems detected. A working group chaired by Mr. William Woodward prepared a specific proposal for a new set of bulletin headers within this concept, making as much use as possible of the existing header assignments. The proposal has been circulated among key players and the new list has finally been agreed upon. Details regarding the proposal can be found at the DBCP web site at:

<http://dbcp.nos.noaa.gov/dbcp/newgtsbul.html> .

The new list given in tables 1 and 2 below will be implemented on the 13 October 1999 at 15UTC.

Backup procedure: Backup procedure in case one of the two Argos global processing centres fails does not change. If one centre fails, the other centre processes all the data, i.e. the data it normally processed plus the data the other centre normally processes. Hence, when an Argos centre is in backup mode, it will generate bulletins with even and odd numbers (in normal mode,

only even numbers are used by Largo, and odd numbers by Toulouse). In other words:

- In case the French Argos Global Processing Center in Toulouse fails, the US Argos Processing Center in Largo is switched to backup mode. In that case, GTS bulletins normally distributed from Toulouse under TTAAii LFPW bulletin headers are distributed from Largo under TTAAii KARS bulletin headers (e.g. SSVX01 LFPW becomes SSVX01 KARS and is sent out from Largo).
- In case the US Argos Global Processing Center in Largo fails, the French Argos Processing Center in Toulouse is switched to backup mode. In that case, GTS bulletins normally distributed from Largo under TTAAii KARS bulletin headers are distributed from Toulouse under TTAAii LFPW bulletin headers (e.g. SSVX04 KARS becomes SSVX04 LFPW and is sent out from Toulouse).

Remark concerning GDP: GDP drifters deployed world-wide may also participate in a DBCP regional action groups (e.g. ISABP if deployed in the South Atlantic). Nevertheless, reports from GDP Lagrangian drifters are normally included under the specific GDP bulletin headers as shown in tables 1 and 2.

❖ Table 1: Data distributed from the US Argos Global Processing Centre, Largo, USA

Bulletin header	Deployment area	Remark
SSVX02 KARS	GDP	New
SSVX04 KARS	North Atlantic and EGOS	Same
SSVX06 KARS	Northern Hemisphere	Same
SSVX08 KARS	TAO, PIRATA	Was SSVX40 for TAO
SSVX10 KARS	Southern Hemisphere and ISABP	Same
SSVX12 KARS	Arctic, Antarctic, sea ice	Arctic, Antarctic merged
SSVX14 KARS	Indian Ocean and IBPIO	New
SSVX16 KARS	Navoceano	Same
SSVX18 KARS	Pacific Ocean	New
SSVX20 KARS	Navoceano	Same
SSVX22 KARS	Mediterranean sea	New
SSVX42 KARS	NOAA/NDBC, Southern Hemisphere	Was SSVX02
SSVX44 KARS	NE Pacific Ocean (USA, and Canada)	Was SSVX18
SSVX48 KARS	NOAA/NDBC, Northern Hemisphere	Was SSVX08
SSVX96 KARS	NDBC	Same

❖ Table 2: Data distributed from the French Argos Global Processing Centre, Toulouse, France

Bulletin header	Deployment area	Remark
SSVX01 LFPW	North Atlantic and EGOS	Same
SSVX03 LFPW	Southern Hemisphere and ISABP	Same
SSVX05 LFPW	Northern Hemisphere	Same
SSVX07 LFPW	Arctic, Antarctic, and sea ice	Arctic, Antarctic merged
SSVX09 LFPW	Indian Ocean and IBPIO	New
SSVX11 LFPW	TRITON	New
SSVX13 LFPW	GDP	New
SSVX15 LFPW	Pacific	New
SSVX21 LFPW	Mediterranean Sea	New
SSVX39 LFPW	French West Indies	Was SSVX19

REVISION OF BULLETINS

CANADA

Starting at 0000 UTC, 14 July 1999 Canada will rearrange the current grouping of main synoptic reporting stations into a larger set of bulletins. The bulletins SMCN01 CWAO to SMCN09 CWAO will remain unchanged. The new groupings of synoptic reporting stations are listed below. See page 18.

AUSTRALIA

The Australian bulletin preparation system at WMC Melbourne will be completely revised as from 0000UTC, 1 September 1999.

The revision will include the compilation of a new suite of synoptic bulletins, catering for the standard main and intermediate synoptic periods. These bulletins are in the series SMAU(01-04) AMMC and SIAU(21-24) AMMC.

The opportunity has also been taken to:

- Delete bulletins from the system for products which are no longer generated.
- Add bulletins to provide for new products.
- Where possible, compile observational data into bulletins in order of ascending WMO station index numbers, rather than by originating state.

The complete updated list is attached, see page 19.

LIST OF RTH FOCAL POINTS

RTH	Zone of Responsibility	Focal Point Name	E-mail	Tel.	Fax.	Address	Country
Algiers	Algeria, Libyan Arab Jamahiriya, Morocco, Tunisia	Mr A. Kerbach		213 250 6878	213 250 7940	Office national de la Météorologie BP 153 DAR EL BEIDA	Algeria
Brazzaville	Congo, Cameroon, Central African Republic, Democratic Republic of the Congo, Equatorial Guinea, Gabon, Sao Tome and Principe						Congo
Cairo	Egypt, Libyan Arab Jamahiriya, Sudan	Mr M.A. Bekhiet		20 2 83 01 05	20 2 284 98 57	Egyptian Meteorological Authority P.O. Box 11784	Egypt
Dakar	Senegal, Ascension Is., Canary Is., Cape Verde, Cote d'Ivoire, Gambia, Guinea, Guinea-Bissau, Liberia, Madeira, Mali, Mauritania, Morocco, Nigeria, Sierra Leone, St. Helena Is.,	M. M. Sonko		221 820 1041	221 820 13 27	Direction de la Météorologie Nationale B.P. 5287. Aeroport L.S. Senghor,	Senegal
Lusaka	Zambia, Malawi, Zimbabwe	Mr G. Maheritona		260 1 25 27 28	260 1 25 27 28	Meteorological Department P.O. Box 30200	Zambia
Pretoria	South Africa (Gough & Marion Islands), Angola, Botswana, Comoros, Kerguelen, Lesotho, Madagascar, Malawi, Mauritius, Mozambique, Namibia, New Amsterdam, Reunion, Seychelles,	Mr T. Potgieter	potgieter@cirrus.sawb.gov.za	27 12 309 30 95	27 12 323 4518	South African Weather Bureau Department of Environment Affairs Private Bag X097	South Africa
Nairobi	Kenya, Burundi, Djibouti, Ethiopia, Reunion, Rwanda, Somalia, Tanzania (United Republic of), Uganda	Mr James Abongo	james.abongo@lilon.meteo.gr.kc	254 2 567 880	254 2 567 888/9	Kenya Meteorological Department P.O. Box 30259	Kenya
Niamey	Niger, Benin, Burkina Faso, Chad, Ghana, Nigeria, Togo	Mr Harouna Kimba		227 73 21 60	227 73 38 37	Météorologie nationale Service météorologique du Niger B.P. 218	Niger
Beijing	China, Democratic People's Republic of Korea, Viet Nam	Mr Shi Peiliang		86 10 621 72 277	86 10 621 74 797	China Meteorological Administration 46 Baishiqiao Road	China
Jeddah	Saudi Arabia, Bahrain, Kuwait, Oman, Qatar, United Arab Emirates, Yemen						Saudi Arabia

Khabarovsk	Russian Federation (Asia), Democratic People's Republic of Korea	Mr Y.I. Bukin	aspd@aspd.hbrw.mecom.ru	421 233 45 17	421 233 45 17	Dalnevostochnoe UGMS 18 Lenina street	Russian Federation
New Delhi	India,Bangladesh, Bhutan, Maldives, Myanmar, Nepal, Pakistan, Sri Lanka	Dr S.N. Srivastava	sris@ind.ernet.in	91 11 461 6051	91 11 469 9216	India Meteorological Department Mausam Bhavan Lodi Road	India
Novosibirsk	Russian Federation (Asia), Mongolia	Mr N.V. Virkhobsky		383 222 43 88	383 222 63 47	Zapadnosibirskoe UGMS 30 Sovyetskaya Street	Russian Federation
Bangkok	Thailand,Cambodia,Lao People's Democratic Republic,Myanmar, Viet Nam	Mr C. Eg-karntrong	Chaieg@metnet.tmd.go.th	662 398 9861	662 398 4597	Meteorological Department 4353 Sukumvit Road Bang-Na	Thailand
Tashkent	Uzbekistan, Afghanistan (Islamic State of), Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan	Mr V.E. Davydov	uzhymet@hmc.tashkent.su	7 3712 33 83 72	7 3712 33 20 25	Main Administration of Hydrology 72 Observatorskaya Street	Uzbekistan
Tehran	Iran (Islamic Republic of), Iraq, Pakistan, Yemen	Mr A. Borghei		98 21 600 40 41	98 21 646 90 44	Islamic Republic of Iran Meteorological Organization (IRMO) P O Box 13185-461	Islamic Republic of Iran
Tokyo	Japan,Hong Kong,China,Macau,Republic Of Korea	Mr H. Ichijo	h_ichijo@met.kishou.go.jp	81 3 3218 3825	81 3 3211 8404	Japan Meteorological Agency 1-3-4 Otemachi Chiyoda ku	Japan
Brasilia	Brazil	Mr J. Mauro de Rezende	jmauro@inmet.gov.br	55 61 226 6961	55 61 226 6967	Instituto Nacional de Meteorologia Eixo Monumental - via S1 70610-400 Brasilia DF	Brazil
Buenos Aires	Argentina, Bolivia, Chile, Islands in the South Atlantic, Paraguay, Peru, Uruguay	Mr J.M. Afonso	afonso@meteofa.mil.ar	54 1 311 71 76	54 1 311 39 68	Servicio Meteorologico Nacional 25 de Mayo 658	Argentina
Maracay	Venezuela, Colombia, Ecuador, French Guiana, Guyana, Suriname	MrTirso Carballo Gutierrez	semetfav@telcel.net.ve	58 43 544 021 or 546 975	58 43 546 975 or 338 043	Servicio de Meteorologia (FAV) Apartado de Correos 2197 Las Delicias Edo. Aragua	Venezuela
Washington	All Region IV	Mr J. Fenix	james.fenix@noaa.gov	1 301 713 08 77 ext. 129	1 301 608 09 11	National Weather Service, NOAA Room 5146, 1325 East West Highway, Silver spring, Md 20910	USA

Melbourne	Australia, Brunei Darussalam, East Timor, Fiji, French Polynesia, Indonesia, Kiribati, Malaysia, New Caledonia, Papua New Guinea, Philippines, Samoa, Singapore, Solomon Is., Tonga, Tuvalu.	Mr B. Sumner	b.sumner@bom.gov.au	613 9669 4349	613 9662 1222	Bureau of meteorology G.P.O. Box 1289 K Vic. 3001	Australia
Wellington	New Zealand and Adjacent Island, Cook Islands, Niue, Pitcairn, Tokelau	Mr Kevin Alder	alder@met.co.nz	64 4 472 9379	64 4 473 5231	Customer Services Manager Meteorological Service of New Zealand Ltd 30 Salamanca Road	New Zealand
Bracknell	United Kingdom, Greenland (Kalaallit Nunaat), Iceland, Ireland, Netherlands, Former Mike: LDWR	Ms P. Dickinson	pdickinson@meto.gov.uk	44 1 344 854 476	44 1 344 854 543	Meteorological Office London Road Berkshire	United Kingdom
Moscow	Russian Federation (Europe), Armenia, Azerbaijan, Belarus, Georgia, Republic of Moldova, Ukraine	Mr L. Bezrouk	bez@mshw.mecom.ru	7095 255 14 77	7095 252 55 04	Russian Federal Services for Hydrometeorology and Monitoring of the Environment Novovogankovskiy per. 12	Russian Federation
Norrköping	Sweden, Denmark and Faroe Islands, Feroe, Estonia, Finland, Latvia, Lithuania, Norway	Mr L. Brunfelt	lennart.brunfelt@smhi.se	46 11 158 553	46 11 170 207	Swedish Meteorological and Hydrological Institute	Sweden
Offenbach	Germany, Israel, Switzerland	Dr. H. Dunke	hdunke@dwd.d400.de	49 69 80 62 28 66	49 69 80 62 28 80	Deutscher Wetterdienst Zentralamt Frankfurter Str. 135	Germany
Prague	Czech Republic, Poland, Slovakia	Mr L. Keller	keller@chmi.cz	420 2 4403 2130	420 2 4403 2128	Czech Hydrometeorological Institute Na Sabatce 17	Czech Republic
Rome	Italy, Greece, Lebanon, Malta, Turkey	Mr. G. Tarantino					Italy
Sofia	Bulgaria, Albania, Cyprus, Jordan, Romania, Syrian Arab Republic, The Former Yugoslav Republic of Macedonia, Yugoslavia	Ms M. Grueva		3592 72 22 71/75	3592 88 03 80	National Institut of Meteorology and Hydrology 66 Tzarigradsko chaussee Blvd	Bulgaria
Toulouse	France, Belgium, Portugal, Spain	Mr F. Dutartre	Francis.Dutartre@meteo.fr	33 5 61 07 81 50	33 5 61 07 81 09	Service central d'exploitation de la Météorologie SCEM/TTI/OP 42 avenue G. Coriolis	France
Vienna	Austria, Croatia, Hungary, Slovenia	Mr H. Cordes	horst.cordes@austrocontrol.at	43 1 1703 4050	43 1 1703 4006	Austro Control Osterreichische Gesellschaft für Zivilluftfahrt mbH Schnirchgasse 11	Austria

Publication No. 9
 Volume C1 "Catalogue of Meteorological Bulletins"

TTAA (ii)	CCCC	Code Form Used	Time Group (GG)	Content of Bulletin and Remarks
--------------	------	----------------	-----------------	---------------------------------

Name of Country: Canada
 Date: 14/07/1999

SMCN20	CWAO	FM 12-XI	00,06,12,18	71032 71042 71044 71046 71048 71049
SMCN21	CWAO	FM 12-XI	00,06,12,18	71103 71107 71113 71115 71116 71118 71121 71127 71132 71133 71134 71137 71139 71142 71143 71144 71147 71149
SMCN22	CWAO	FM 12-XI	00,06,12,18	71201 71203 71209 71211 71215 71216 71218 71219 71220 71222 71230 71231 71232 71234 71235 71236 71237 71238 71240 71241 71242 71243 71244 71245 71246 71247 71248 71249
SMCN23	CWAO	FM 12-XI	00,06,12,18	71313 71319 71323
SMCN24	CWAO	FM 12-XI	00,06,12,18	71402 71406 71408 71414 71415 71417 71418 71419 71423 71424 71425 71426 71427 71428 71429 71431 71434 71437 71438 71439 71441 71442 71445 71446 71448 71449
SMCN25	CWAO	FM 12-XI	00,06,12,18	71501 71502 71505 71506 71507 71511 71512 71513 71514 71515 71516 71520 71521 71522 71523 71524 71539
SMCN26	CWAO	FM 12-XI	00,06,12,18	71605 71611 71612 71614 71616 71617 71618 71619 71629 71634 71642
SMCN27	CWAO	FM 12-XI	00,06,12,18	71703 71710 71712 71713 71721 71723 71724 71732 71734 71736 71737
SMCN28	CWAO	FM 12-XI	00,06,12,18	71802 71804 71819 71820 71826 71829 71840 71846 71847 71849
SMCN29	CWAO	FM 12-XI	00,06,12,18	71900 71903 71916 71918 71923 71928
SMCN30	CWAO	FM 12-XI	00,06,12,18	71055 71056 71059 71064 71073 71074 71075 71084 71085 71087 71088 71096 71097
SMCN31	CWAO	FM 12-XI	00,06,12,18	71150 71151 71153 71154 71155 71156 71157 71158 71159 71160 71161 71162 71163 71164 71165 71166 71167 71168 71170 71176 71177 71179 71181 71184 71186 71189 71190 71194 71197 71198
SMCN32	CWAO	FM 12-XI	00,06,12,18	71251 71252 71253 71254 71255 71256 71261 71263 71265 71268 71270 71271 71272 71273 71281 71282 71283 71284 71290 71294
SMCN33	CWAO	FM 12-XI	00,06,12,18	71368 71370 71371 71372 71373 71374 71375 71376 71377 71378 71379 71381 71382 71383 71384 71385 71386 71387 71388 71389 71390 71391 71392 71395
SMCN34	CWAO	FM 12-XI	00,06,12,18	71450 71451 71452 71453 71454 71455 71456 71457 71458 71459 71460 71461 71462 71463 71464 71465 71466 71468 71473 71476 71477 71478 71479 71481 71482 71483 71484 71485 71488 71489 71490 71491 71492 71497 71498 71499
SMCN35	CWAO	FM 12-XI	00,06,12,18	71550 71551 71552 71553 71554 71555 71556 71557 71560 71563 71564 71580 71598 71599
SMCN36	CWAO	FM 12-XI	00,06,12,18	71675 71680 71681 71682 71683
SMCN37	CWAO	FM 12-XI	00,06,12,18	71750 71751 71760 71761 71762 71763 71768 71769 71770 71771 71772 71774 71775 71776 71777 71778 71779 71780 71781 71782 71783 71784 71785 71786
SMCN38	CWAO	FM 12-XI	00,06,12,18	71851 71873 71875
SMCN39	CWAO	FM 12-XI	00,06,12,18	71952 71960 71963 71967 71972 71974 71975 71976 71977 71978 71980 71981 71982 71984 71985 71986 71989 71990 71999

TTAA (ii)	CCCC	Code Form Used	Time Group (GG)	Content of Bulletin and Remarks
--------------	------	----------------	-----------------	---------------------------------

Name of Country: Samoa
 Date: 09/07/1999

Deleted bulletins:

SMTK01	NSAP	FM 12-XI	00,06	91720 91723 94724 91727 91756 91759 91762
SMTK01	NSAP	FM 12-XI	12,18	91756 91759
SITK20	NSAP	FM 12-XI	03,09	91723 91724 91756 91762
SITK20	NSAP	FM 12-XI	15	91723 91756 91762
SITK20	NSAP	FM 12-XI	21	91720 94723 91724 91727 91756 91762
SMTK02	NSAP	FM 12-XI	00,06,12,18	91723
SITK21	NSAP	FM 12-XI	03,09,15,21	91723

Amended bulletins:

SMZM01	NSAP	FM 12-XI	00,06,12,18	91723 91759 91762
SIZM20	NSAP	FM 12-XI	03,09,15,21	91723 91759 91762

Name of Country: Australia
 Date: 09/07/1999

Deleted bulletins:

WHAU03	ADRM	PLAIN LANGUAGE	AS REQUIRED	SEVERE TROPICAL CYCLONE WARNINGS/AVIS DE FORT CYCLONE TROPICAL
WHAU04	ADRM	PLAIN LANGUAGE	AS REQUIRED	SEVERE TROPICAL CYCLONE WARNINGS/AVIS DE FORT CYCLONE TROPICAL
WHAU05	APRF	PLAIN LANGUAGE	AS REQUIRED	SEVERE TROPICAL CYCLONE WARNINGS/AVIS DE FORT CYCLONE TROPICAL
WHAU06	APRF	PLAIN LANGUAGE	AS REQUIRED	SEVERE TROPICAL CYCLONE WARNINGS/AVIS DE FORT CYCLONE TROPICAL
WOAU10	APRF	PLAIN LANGUAGE	AS REQUIRED	OTHER WARNINGS/AUTRES AVIS
WOAU11	APRF	PLAIN LANGUAGE	AS REQUIRED	OTHER WARNINGS/AUTRES AVIS

TTAA (ii)	CCCC	Code Form Used	Time Group (GG)	Content of Bulletin and Remarks
WSNG01	AYPY	PLAIN LANGUAGE	AS REQUIRED	VOLCANIC ASH WARNINGS/AVIS DE CENDRES VOLCANIQUES
WTAU08	APRF	PLAIN LANGUAGE	AS REQUIRED	TROPICAL CYCLONE WARNINGS/AVIS DE CYCLONE TROPICAL
ARAU40	ABRF	PLAIN LANGUAGE	AS REQUIRED	CYCLONE RADAR REPORTS/MESSAGES DE RADAR CYCLONE
ARAU42	APRF	PLAIN LANGUAGE	AS REQUIRED	CYCLONE RADAR REPORTS/MESSAGES DE RADAR CYCLONE
ARAU43	APRF	PLAIN LANGUAGE	AS REQUIRED	CYCLONE RADAR REPORTS/MESSAGES DE RADAR CYCLONE
FPAU20	ABRF	PLAIN LANGUAGE	AS REQUIRED	PUBLIC FORECAST/PREVISION POUR LE PUBLIC
FPAU21	ADRM	PLAIN LANGUAGE	AS REQUIRED	PUBLIC FORECAST/PREVISION POUR LE PUBLIC
FPAU23	APRF	PLAIN LANGUAGE	AS REQUIRED	PUBLIC FORECAST/PREVISION POUR LE PUBLIC
FPAU24	APRM	PLAIN LANGUAGE	AS REQUIRED	PUBLIC FORECAST/PREVISION POUR LE PUBLIC
FPAU25	ASRF	PLAIN LANGUAGE	AS REQUIRED	PUBLIC FORECAST/PREVISION POUR LE PUBLIC
FQAU27	APRF	PLAIN LANGUAGE	AS REQUIRED	OCEAN WATERS FORECAST/PREVISIONS POUR L'OCEAN
WWAU21	ABRF	PLAIN LANGUAGE	AS REQUIRED	WARNINGS AND WEATHER SUMMARY/DES AVIS ET RESUME DE TEMPS
WWAU22	ADRM	PLAIN LANGUAGE	AS REQUIRED	WARNINGS AND WEATHER SUMMARY/DES AVIS ET RESUME DE TEMPS
WWAU23	APRF	PLAIN LANGUAGE	AS REQUIRED	WARNINGS AND WEATHER SUMMARY/DES AVIS ET RESUME DE TEMPS
WWAU24	APRF	PLAIN LANGUAGE	AS REQUIRED	WARNINGS AND WEATHER SUMMARY/DES AVIS ET RESUME DE TEMPS
SNMK01	AMMC	FM12-XI	05,11,17,23	94998
SNAU21	AMMC	FM12-XI	04	94200 94203 94212 94214 94300 94302 94312 94319 94403 94430 94448 94461 94601 94610 94634 94635 94637 94638 94643 94647 94651 94802 95205
SNAU21	AMMC	FM12-XI	10	94203 94212 94214 94300 94302 94312 94313 94319 94403 94430 94448 94461 94601 94610 94634 94635 94637 94638 94642 94647 94651 94802 95205

TTAA (ii)	CCCC	Code Form Used	Time Group (GG)	Content of Bulletin and Remarks
SNAU21	AMMC	FM12-XI	16	94203 94212 94214 94300 94302 94312 94319 94403 94430 94448 94461 94601 94610 94634 94635 94637 94638 94643 94647 94651 94802 95205
SNAU21	AMMC	FM12-XI	22	94200 94203 94211 94212 94214 94300 94302 94312 94313 94319 94403 94430 94448 94451 94461 94601 94610 94634 94635 94637 94638 94642 94643 94647 94651 94802 95205
SNAU22	AMMC	FM12-XI	02	94102 94111 94120 94132 94146 94150 94236 94238 94248 94322 94324 94326 94327 94462 94466
SNAU22	AMMC	FM12-XI	08	94102 94111 94120 94132 94150 94238 94248 94322 94326 94327 94462
SNAU22	AMMC	FM12-XI	14	94102 94111 94120 94150 94238 94326 94327 94462
SNAU22	AMMC	FM12-XI	20	94102 94111 94120 94132 94150 94236 94238 94248 94322 94324 94326 94327 94462 94466
SNAU23	AMMC	FM12-XI	02,08	94477 94653 94659 94672 94804 94821 95458 95481
SNAU23	AMMC	FM12-XI	14	94653 94659 94672 94804 94821 95458 95481
SNAU23	AMMC	FM12-XI	20	94477 94480 94653 94659 94672 94804 94821 95458 95481
SNAU24	AMMC	FM12-XI	02	94170 94184 94267 94268 94275 94283 94287 94294 94299 94332 94333 94340 94346 94363 94366 94367 94374 94388 94482 94488 94492 94500 94510 94515 94578 94584
SNAU24	AMMC	FM12-XI	08	94170 94255 94267 94275 94283 94287 94294 94299 94332 94333 94340 94346 94363 94366 94367 94374 94388 94482 94488 94492 94500 94510 94515 94578 94584
SNAU24	AMMC	FM12-XI	14	94287 94294 94299 94346 94367 94374 94388 94510 94578 94584
SNAU24	AMMC	FM12-XI	20	94170 94184 94255 94267 94268 94275 94283 94287 94294 94299 94332 94333 94340 94346 94363 94366 94367 94374 94388 94482 94488 94492 94500 94510 94515 94542 94578 94584
SNAU25	AMMC	FM12-XI	02	94691 94693 94700 94711 94720 94750 94767 94776 94791 94842 94850 94865 94875 94893 94907 94910 94926 94933 94954 94956 94968 94975 94983 94995 95527 95703 95762
SNAU25	AMMC	FM12-XI	08	94485 94691 94693 94711 94720 94750 94767 94776 94791 94842 94850 94865 94875 94893 94907 94910 94926 94933 94954 94956 94968 94975 94983 94995 95527 95703 95762
SNAU25	AMMC	FM12-XI	14	94691 94693 94750 94767 94791 94842 94850 94865 94875 94907 94910 94926 94954 94956 94968 94975 94983 94995 95527 95762
SNAU25	AMMC	FM12-XI	20	94485 94691 94693 94700 94711 94720 94750 94767 94776 94791 94842 94850 94865 94875 94893 94907 94910 94926 94933 94954 94956 94968 94975 94983 94995 95527 95703 95762
SNAU52	AMMC	FM12-XI	02,05,08,11,14,17,20,23	94756 94758 94760 94761 94763 94764 94765 94766 94768 94770 94771 94772 94773 94774 94775 94778 94779 94780 94781 94783 94784 94786 94787 94788 94789 94790 94792 94869 94876 94877 94878 94890 94896 94915 94916 94918 94919 94921 94922 94923 94925 94927 94928 94929 94938 95770
SNMK21	AMMC	FM12-XI	02,08,14,20	94998
SMKK01	AMMC	FM12-XI	00,06,12,18	96996
SIKK21	AMMC	FM12-XI	03,09,15,21	96996
SMNF01	AMMC	FM12-XI	00,06,12,18	
SINF21	AMMC	FM12-XI	03,09,15,21	94996

TTAA (ii)	CCCC	Code Form Used	Time Group (GG)	Content of Bulletin and Remarks
UGAU21	AMMC	FM32-IX EXT	06,18	94120 94150 94203 94212 94238 94300 94302 94326
UGAU21	AMMC	FM32-IX EXT	00,12	94120 94150 94203 94212 94238 94300 94302 94312 94326
UGAU22	AMMC	FM32-IX EXT	00,06,18	94403 9446194610 94637 94638 94647 94653 94659 94672 94802
UGAU22	AMMC	FM32-IX EXT	12	94403 94461 94610 94637 94638 94653 94659 94672 94802
UGAU23	AMMC	FM32-IX EXT	00,06,12,18	94287 9429494299 94346 94367 94374 94510 94578
UGAU24	AMMC	FM32-IX EXT	00	94693 94767 94776 94791 94907 94910 94926 94968 94995 95527
UGAU24	AMMC	FM32-IX EXT	06,18	94693 94711 94767 94776 94791 94907 94910 94926 94968 94995 95527
UGAU24	AMMC	FM32-IX EXT	12	94693 94711 94767 94776 94791 94907 94910 94926 94968 94995 95527
UQAU24	AMMC	FM32-IX EXT	00,12	94693 94767 94907
UQAU24	AMMC	FM32-IX EXT	06	94693 94821 94865 94907 94910 94975
UQAU24	AMMC	FM32-IX EXT	18	94693 94767 94821 94865 94907 94910 94975

Complete list of Australian bulletins:

AXAU01	ADRM	PLAIN LANGUAGE	AS REQUIRED	TROPICAL CYCLONE BULLETIN/BULLETIN DE CYCLONE TROPICAL
AXAU01	APRF	PLAIN LANGUAGE	AS REQUIRED	TROPICAL CYCLONE BULLETIN/BULLETIN DE CYCLONE TROPICAL
AXAU03	APRF	PLAIN LANGUAGE	AS REQUIRED	TROPICAL CYCLONE BULLETIN/BULLETIN DE CYCLONE TROPICAL
CSOC01	AMMC	FM 71-XI	MONTHLY	89564 89571 89611 91520 92001 92003 92004 92014 92035 92044 92047 92076 92085 92087 94120 94150 94170 94203 94212 94238 94287 94294 94299 94300 94302 94312 94326 94332 94346 94367 94374 94403 94430 94461 94510 94578 94610 94637 94638 94647 94653 94659 94672 94693 94711 94767 94776 94791 94802 94821 94865 94907 94910 94926 94968 94975 94995 94996 94998 96996
CUOC01	AMMC	FM 75-X	MONTHLY	89564 89571 89611 89642 91517 92014 92035 92044 94120 94150 94203 94294 94299 94302 94312 94326 94332 94374 94403 94430 94461 94510 94578 94610 94637 94638 94647 94659 94672 94711 94767 94776 94802 94821 94865 94910 94975 94995 94996 94998 95527 96996
FPAU01	AMMC	PLAIN LANGUAGE		AUSTRALIAN CITY FORECASTS/PREVISIONS VALABLES POUR CERTAINES VILLES AUSTRALIENNES
FVAU01	ADRM	PLAIN LANGUAGE	AS REQUIRED	VOLCANIC ASH ADVISORY/AVIS DE CENDRES VOLCANIQUES
FVAU02	ADRM	PLAIN LANGUAGE	AS REQUIRED	VOLCANIC ASH ADVISORY/AVIS DE CENDRES VOLCANIQUES
FVAU02	AMMC	PLAIN LANGUAGE	AS REQUIRED	VOLCANIC ASH ADVISORY/AVIS DE CENDRES VOLCANIQUES

TTAA (ii)	CCCC	Code Form Used	Time Group (GG)	Content of Bulletin and Remarks
FVAU03	ADRM	PLAIN LANGUAGE	AS REQUIRED	VOLCANIC ASH ADVISORY/AVIS DE CENDRES VOLCANIQUES
FVAU03	AMMC	PLAIN LANGUAGE	AS REQUIRED	VOLCANIC ASH ADVISORY/AVIS DE CENDRES VOLCANIQUES
FVAU04	ADRM	PLAIN LANGUAGE	AS REQUIRED	VOLCANIC ASH ADVISORY/AVIS DE CENDRES VOLCANIQUES
FVAU04	AMMC	PLAIN LANGUAGE	AS REQUIRED	VOLCANIC ASH ADVISORY/AVIS DE CENDRES VOLCANIQUES
SEAU01	AMMC	PLAIN LANGUAGE	AS REQUIRED	SEISMIC REPORT/MESSAGES SISMIQUES
SMAA01	AMMC	FM 12-XI	00,06,12,18	89564 89571 89573 89611
SMAU01	AMMC	FM 12-XI	00,06,12,18	94102 94103 94120 94122 94132 94146 94147 94150 94151 94170 94184 94200 94203 94206 94207 94211 94212 94216 94236 94238 94248 94255 94267 94268 94275 94283 94287 94290 94294 94296 94298
SMAU02	AMMC	FM 12-XI	00,06,12,18	94299 94300 94302 94312 94313 94317 94319 94324 94326 94327 94332 94333 94341 94346 94363 94366 94367 94374 94388 94393 94394 94403 94429 94430 94449 94451 94461 94462 94477 94482 94488 94492
SMAU03	AMMC	FM 12-XI	00,06,12,18	94500 94510 94515 94552 94578 94584 94601 94610 94637 94638 94642 94643 94647 94651 94653 94659 94672 94691 94693 94700 94703 94729 94750 94767 94776 94791 94802 94804 94821 94842 94850 94865 94875
SMAU04	AMMC	FM 12-XI	00,06,12,18	94893 94907 94910 94926 94935 94954 94956 94968 94975 94983 94995 94996 94997 94998 95111 95205 95322 95448 95458 95480 95481 95485 95527 95634 95637 95646 95666 95711 95719 95762 95839 96995 96996
SMSO01	AMMC	FM 12-XI	00,06,12,18	91502 91503 91507 91517 91520 91527 91541
SMVE01	AMMC	FM 13-XI	00,06,12,18	SHIP/NAVIRE
SNAU01	AMMC	FM 12-XI	01,07	94102 94103 94200 94203 94206 94207 94211 94212 94216 94300 94302 94312 94313 94317 94319 94403 94429 94430 94449 94451 94601 94610 94637 94638 94642 94643 94647 94802 95205 95448 95634 95637 95641 95646
SNAU01	AMMC	FM 12-XI	04	94102 94103 94200 94203 94206 94207 94212 94216 94300 94302 94312 94317 94319 94403 94429 94430 94449 94601 94610 94637 94638 94643 94647 94802 95205 95448 95634 95637 95641 95646
SNAU01	AMMC	FM 12-XI	10	94203 94206 94207 94212 94216 94300 94302 94312 94313 94317 94319 94403 94429 94430 94449 94601 94610 94637 94638 94642 94647 94802 95205 95448 95634 95637 95641 95646
SNAU01	AMMC	FM 12-XI	13	94102 94203 94206 94207 94212 94216 94300 94302 94312 94317 94319 94403 94429 94430 94449 94601 94610 94637 94638 94647 94802 95205 95448 95634 95637 95641 95646
SNAU01	AMMC	FM 12-XI	16	94102 94203 94206 94207 94212 94216 94300 94302 94312 94317 94319 94403 94429 94430 94449 94601 94610 94637 94638 94643 94647 94802 95205 95448 95634 95637 95641 95646
SNAU01	AMMC	FM 12-XI	19	94102 94200 94203 94206 94207 94212 94216 94300 94302 94312 94313 94317 94319 94403 94429 94430 94449 94601 94610 94637 94638 94642 94647 94802 95205 95448 95634 95637 95641 95646
SNAU01	AMMC	FM 12-XI	22	94102 94200 94203 94206 94207 94212 94216 94300 94302 94312 94317 94319 94403 94429 94430 94449 94451 94601 94610 94637 94638 94642 94643 94647 94802 95205 95448 95634 95637 95641 95646
SNAU02	AMMC	FM 12-XI	02	94120 94122 94132 94147 94150 94151 94236 94238 94248 94324 94326 94327 94462 95111 95322
SNAU02	AMMC	FM 12-XI	05,23	94120 94122 94132 94146 94147 94150 94151 94236 94238 94248 94324 94326 94327 94462 95111 95322
SNAU02	AMMC	FM 12-XI	08	94120 94122 94132 94147 94150 94151 94238 94248 94326 94327 94462 95111 95322

TTAA (ii)	CCCC	Code Form Used	Time Group (GG)	Content of Bulletin and Remarks
SNAU02	AMMC	FM 12-XI	11	94120 94122 94132 94146 94147 94150 94151 94236 94238 94248 94324 94326 94327 94462 95111 95322
SNAU02	AMMC	FM 12-XI	14	94120 94122 94147 94150 94151 94238 94248 94326 94327 94462 95111 95322
SNAU02	AMMC	FM 12-XI	17	94120 94122 94132 94146 94147 94150 94151 94236 94238 94248 94324 94326 94327 94462 95111 95322
SNAU02	AMMC	FM 12-XI	20	94122 94132 94147 94150 94151 94238 94248 94326 94327 94462 95111 95322
SNAU03	AMMC	FM 12-XI	01,07,19	94461 94477 94651 94653 94659 94672 94804 94821 95458 95480 95481 95666• CENTRAL DAYLIGHT SAVING TIME
SNAU03	AMMC	FM 12-XI	02,08,20	94461 94477 94651 94653 94659 94672 94804 94821 95458 95480 95481 95666• CENTRAL STANDARD TIME
SNAU03	AMMC	FM 12-XI	04,10,22	94461 94477 94651 94653 94659 94672 94804 94821 95458 95480 95481 95666• CENTRAL DAYLIGHT SAVING TIME
SNAU03	AMMC	FM 12-XI	05,11,23	94461 94477 94651 94653 94659 94672 94804 94821 95458 95480 95481 95666• CENTRAL STANDARD TIME
SNAU03	AMMC	FM 12-XI	13	94461 94651 94653 94659 94672 94804 94821 95458 95480 95481 95666• CENTRAL DAYLIGHT SAVING TIME
SNAU03	AMMC	FM 12-XI	14	94461 94651 94653 94659 94672 94804 94821 95458 95480 95481 95666• CENTRAL STANDARD TIME
SNAU03	AMMC	FM 12-XI	16	94461 94477 94651 94653 94659 94672 94804 94821 95458 95480 95481 95666• CENTRAL DAYLIGHT SAVING TIME
SNAU03	AMMC	FM 12-XI	17	94461 94477 94651 94653 94659 94672 94804 94821 95458 95480 95481 95666• CENTRAL STANDARD TIME
SNAU04	AMMC	FM 12-XI	02,08	94170 94184 94255 94267 94268 94275 94283 94287 94290 94294 94296 94298 94299 94332 94333 94341 94346 94363 94366 94367 94374 94388 94393 94394 94482 94488 94492 94500 94510 94515 94552 94578 94584
SNAU04	AMMC	FM 12-XI	05,23	94170 94184 94255 94267 94268 94275 94283 94287 94290 94294 94296 94298 94299 94332 94333 94341 94346 94363 94366 94367 94374 94388 94393 94394 94482 94488 94492 94500 94510 94515 94552 94578 94584
SNAU04	AMMC	FM 12-XI	11	94170 94184 94255 94267 94268 94275 94283 94287 94290 94294 94296 94298 94299 94332 94333 94341 94346 94363 94366 94367 94374 94388 94393 94394 94482 94488 94500 94510 94515 94552 94578 94584
SNAU04	AMMC	FM 12-XI	14	94170 94255 94268 94287 94290 94294 94296 94298 94299 94332 94341 94346 94363 94367 94374 94388 94393 94394 94510 94515 94552 94578 94584
SNAU04	AMMC	FM 12-XI	17	94170 94255 94267 94268 94275 94283 94287 94290 94294 94296 94298 94299 94332 94333 94341 94346 94363 94366 94367 94374 94388 94393 94394 94482 94488 94500 94510 94515 94552 94578 94584
SNAU04	AMMC	FM 12-XI	20	94170 94184 94255 94267 94268 94275 94283 94287 94290 94294 94296 94298 94299 94332 94333 94341 94346 94363 94366 94367 94374 94388 94393 94394 94482 94488 94492 94500 94510 94515 94552 94578
SNAU04	AMMC	FM 12-XI	20	94170 94184 94255 94267 94268 94275 94283 94287 94290 94294 94296 94298 94299 94332 94333 94341 94346 94363 94366 94367 94374 94388 94393 94394 94482 94488 94492 94500 94510 94515 94552 94578
SNAU05	AMMC	FM 12-XI	01,19	94691 94693 94700 94703 94729 94750 94767 94776 94791 94842 94865 94875 94893 94907 94910 94926 94935 94995 95485 95527 95711 95719 95762 95839• EASTERN DAYLIGHT SAVING TIME
SNAU05	AMMC	FM 12-XI	02,20	94691 94693 94700 94703 94729 94750 94767 94776 94791 94842 94865 94875 94893 94907 94910 94926 94935 94995 95485 95527 95711 95719 95762 95839• EASTERN STANDARD TIME
SNAU05	AMMC	FM 12-XI	04	94691 94693 94700 94703 94729 94750 94767 94776 94791 94842 94865 94875 94893 94907 94910 94926 94935 94995 95485 95527 95711 95719 95762 95839• EASTERN DAYLIGHT SAVING TIME
SNAU05	AMMC	FM 12-XI	05	94691 94693 94700 94703 94729 94750 94767 94776 94791 94842 94865 94875 94893 94907 94910 94926 94935 94995 95485 95527 95711 95719 95762 95839• EASTERN STANDARD TIME
SNAU05	AMMC	FM 12-XI	07	94691 94693 94703 94729 94750 94767 94776 94791 94842 94865 94875 94893 94907 94910 94926 94935 94995 95485 95527 95711 95719 95762 95839• EASTERN DAYLIGHT SAVING TIME

TTAA (ii)	CCCC	Code Form Used	Time Group (GG)	Content of Bulletin and Remarks
SNAU05	AMMC	FM 12-XI	08	94691 94693 94700 94703 94729 94750 94767 94776 94791 94842 94865 94875 94893 94907 94910 94926 94935 94995 95485 95527 95711 95719 95762 95839• EASTERN STANDARD TIME
SNAU05	AMMC	FM 12-XI	10	94691 94693 94700 94703 94729 94750 94767 94776 94791 94842 94865 94875 94893 94907 94910 94926 94935 94995 95485 95527 95711 95719 95762 95839• EASTERN DAYLIGHT SAVING TIME
SNAU05	AMMC	FM 12-XI	11	94691 94693 94700 94703 94719 94729 94750 94767 94776 94791 94842 94865 94875 94893 94907 94910 94926 94935 94995 95485 95527 95711 95719 95762 95839• EASTERN STANDARD TIME
SNAU05	AMMC	FM 12-XI	13	94691 94693 94703 94729 94750 94767 94791 94842 94865 94875 94893 94907 94910 94926 94935 94995 95485 95527 95711 95719 95762 95839• EASTERN DAYLIGHT SAVING TIME
SNAU05	AMMC	FM 12-XI	14	94691 94693 94703 94729 94750 94767 94776 94791 94842 94865 94875 94907 94910 94926 94935 94995 95485 95527 95693 95711 95719 95762 95839• EASTERN STANDARD TIME
SNAU05	AMMC	FM 12-XI	16	94691 94693 94703 94729 94750 94767 94776 94791 94842 94865 94875 94893 94907 94910 94926 94935 94995 95485 95527 95711 95719 95762 95839• EASTERN DAYLIGHT SAVING TIME
SNAU05	AMMC	FM 12-XI	17	94691 94693 94703 94729 94750 94767 94776 94791 94842 94865 94875 94893 94907 94910 94926 94935 94995 95485 95527 95711 95719 95762 95839• EASTERN STANDARD TIME
SNAU05	AMMC	FM 12-XI	22	94691 94693 94700 94703 94729 94750 94767 94776 94791 94842 94865 94875 94893 94907 94910 94926 94935 94995 95485 95527 95711 95719 95762 95839• EASTERN DAYLIGHT SAVING TIME
SNAU05	AMMC	FM 12-XI	23	94691 94693 94700 94703 94729 94750 94767 94776 94791 94842 94865 94875 94893 94907 94910 94926 94935 94995 95485 95527 95711 95719 95762 95839• EASTERN STANDARD TIME
SNAU06	AMMC	FM 12-XI	01,04,07,10,13,16,19,22	94850 94954 94956 94968 94975 94983 94998• TASMANIAN DAYLIGHT SAVING TIME
SNAU06	AMMC	FM 12-XI	02,05,08,11,14,17,20,23	94850 94954 94956 94968 94975 94983 94998• TASMANIAN STANDARD TIME
SNKI01	AMMC	FM 12-XI	05,11,17,23	96995
SNNG01	AMMC	FM 12-XI	05	92001 92003 92004 92014 92022 92035 92044 92047 92072 92076 92077 92087 92100• NOTE: AS AVAILABLE/SELON DISPONIBILITE
SNNG01	AMMC	FM 12-XI	11	92001 92003 92004 92014 92022 92035 92044 92047 92072 92076 92077 92087 92100• NOTE: AS AVAILABLE/SELON DISPONIBILITE
SNNG01	AMMC	FM 12-XI	17	92003 92004 92014 92022 92035 92036 92044 92047 92072 92076 92077 92087 92100• NOTE: AS AVAILABLE/SELON DISPONIBILITE
SNNG01	AMMC	FM 12-XI	23	92035• NOTE: AS AVAILABLE/SELON DISPONIBILITE
SOVE01	AMMC	FM 63-X EXT.	00,12	MOBILE SHIP BATHY
SOVE02	AMMC	FM 64-IX	00,12	MOBILE SHIP TESAC
UAAU01	AMMC		HOURLY	AIREP
UDAU01	AMMC	FM 42-XI	HOURLY(00-24)	AMDAR DATA FROM AUSTRALIA/DONNEES AMDAR EN PROVENANCE DE L'AUSTRALIE
UEAA01	AMMC	FM 35-X EXT.	00,12	89564 89571 89611
UEAU01	AMMC	FM 35-X EXT.	00	94120 94150 94170 94203 94294 94299
UEAU01	AMMC	FM 35-X EXT.	12	94120 94150 94170 94203 94294 94299
UEAU02	AMMC	FM 35-X EXT.	00	94302 94312 94326 94332 94374 94403
UEAU02	AMMC	FM 35-X EXT.	12	94302 94312 94326 94332 94374 94403

TTAA (ii)	CCCC	Code Form Used	Time Group (GG)	Content of Bulletin and Remarks
UEAU03	AMMC	FM 35-X EXT.	00	94430 94461 94510 94578 94610 94637
UEAU03	AMMC	FM 35-X EXT.	12	94430 94461 94510 94578 94610 94637
UEAU04	AMMC	FM 35-X EXT.	00	94638 94647 94659 94672 94711 94767
UEAU04	AMMC	FM 35-X EXT.	06	94767
UEAU04	AMMC	FM 35-X EXT.	12	94638 94647 94659 94672 94711 94767
UEAU04	AMMC	FM 35-X EXT.	18	94767
UEAU05	AMMC	FM 35-X EXT.	00,12	94953 94995 95527
UEAU06	AMMC	FM 35-X EXT.	00,12	94953 94995 95527
UEKK01	AMMC	FM 35-X EXT.	00,12	96996
UEMK01	AMMC	FM 35-X EXT.	00,12	94998
UENF01	AMMC	FM 35-X EXT.	00	94996
UENG01	AMMC	FM 35-X EXT.	00	92014 92035 92044• NOTE: OBS. TEMPORARILY DISCONTINUED FOR/OBS. TEMPORAIREMENT SUSPENDUES POUR: 92014 92035
UESO01	AMMC	FM 35-X EXT.	00,12	91517
UEVE01	AMMC	FM 36-X EXT.	00,12	TEMP SHIP
UGAU01	AMMC	FM 32-IX	00,12	94120 94150 94203 94294 94299 94326
UGAU01	AMMC	FM 32-IX	06,18	94120 94150 94203 94299 94326 94924
UGAU02	AMMC	FM 32-IX	00,12	94374 94403 94461 94510 94578 94610
UGAU02	AMMC	FM 32-IX	06,18	94374 94403 94461 94510 94578 94610
UGAU03	AMMC	FM 32-IX	00,06,12,18	94637 94638 94647 94659 94672 94767
UGAU04	AMMC	FM 32-IX	00	94776 94802 94821 94910 94975 94995 94996 95527
UGAU04	AMMC	FM 32-IX	06,18	94776 94802 94821 94865 94910 94975 95527
UGAU04	AMMC	FM 32-IX	12	94776 94802 94821 94910 94975 94995 94996 95527
UGAU05	AMMC	FM 32-IX	00,06,12,18	94212 94238 94287 94300 94346 94367
UGAU06	AMMC	FM 32-IX	00,06,12,18	94653 94693 94791 94907 94926 94968
UHAU01	AMMC	FM 32-IX	00,12	94120 94150 94203 94212 94238 94300 94326
UHAU01	AMMC	FM 32-IX	06,18	94120 94150 94203 94212 94238 94300 94326
UHAU02	AMMC	FM 32-IX	00,06,18	94374 94403 94461 94510 94578 94610
UHAU02	AMMC	FM 32-IX	12	94374 94403 94461 94510 94578 94610
UHAU03	AMMC	FM 32-IX	00,06,12,18	94637 94638 94647 94659 94672 94767
UHAU04	AMMC	FM 32-IX	00	94776 94802 94995 94996 95527
UHAU04	AMMC	FM 32-IX	06,18	94776 94802 94821 94865 94910 94975 95527
UHAU04	AMMC	FM 32-IX	12	94776 94802 94821 94910 94975 94995 94996 95527

TTAA (ii)	CCCC	Code Form Used	Time Group (GG)	Content of Bulletin and Remarks
UHAU05	AMMC	FM 32-IX	00,06,12,18	94212 94238 94287 94300 94346 94367
UHAU06	AMMC	FM 32-IX	00,06,12,18	94653 94693 94791 94907 94926 94968
UHNFO1	AMMC	FM 32-IX	00,06,12,18	94996
UHNG01	AMMC	FM 32-IX	00,06	92014 92035 92044 92047 92076 92087• NOTE: OBS. TEMPORARILY DISCONTINUED/OBS. TEMPORAIREMENT SUSPENDUES AT/A 00 UTC FOR/POUR: 92014 92035 92047 92076 92087, AT/A 06 UTC FOR/POUR: 92014 92047 92076 92087
UHNG01	AMMC	FM 32-IX	12,18	92014 92035 92044• NOTE: OBS. TEMPORARILY DISCONTINUED FOR/OBS. TEMPORAIREMENT SUSPENDUES POUR: 92014
UHSO01	AMMC	FM 32-IX	00,06,12,18	91517
UKAA01	AMMC	FM 35-X EXT.	00,12	89564 89571 89611
UKAU01	AMMC	FM 35-X EXT.	00	94120 94150 94170 94203 94294 94299
UKAU01	AMMC	FM 35-X EXT.	12	94120 94150 94170 94203 94294 94299
UKAU02	AMMC	FM 35-X EXT.	00	94302 94312 94326 94332 94374 94403
UKAU02	AMMC	FM 35-X EXT.	12	94302 94312 94326 94332 94374 94403
UKAU03	AMMC	FM 35-X EXT.	00	94430 94461 94510 94578 94610 94637
UKAU03	AMMC	FM 35-X EXT.	12	94430 94461 94510 94578 94610 94637
UKAU04	AMMC	FM 35-X EXT.	00	94638 94647 94659 94672 94711 94767
UKAU04	AMMC	FM 35-X EXT.	06	94767
UKAU04	AMMC	FM 35-X EXT.	12	94638 94647 94659 94672 94711 94767
UKAU04	AMMC	FM 35-X EXT.	18	94767
UKAU05	AMMC	FM 35-X EXT.	00,12	94776 94802 94821 94865 94910 94975
UKAU06	AMMC	FM 35-X EXT.	00,12	94953 94995 95527
UKKK01	AMMC	FM 35-X EXT.	00,12	96996
UKMK01	AMMC	FM 35-X EXT.	00,12	94998
UKNF01	AMMC	FM 35-X EXT.	00	94996
UKNG01	AMMC	FM 35-X EXT.	00	92014 92035 92044• NOTE: OBS. TEMPORARILY DISCONTINUED FOR/OBS. TEMPORAIREMENT SUSPENDUES POUR: 92014 92035
UKSO01	AMMC	FM 35-X EXT.	00,12	91517
UKVE01	AMMC	FM 36-X EXT.	00,12	TEMP SHIP
ULAA01	AMMC	FM 35-X EXT.	00,12	89564 89571 89611
ULAU01	AMMC	FM 35-X EXT.	00	94120 94150 94170 94203 94294 94299
ULAU01	AMMC	FM 35-X EXT.	12	94120 94150 94170 94203 94294 94299
ULAU02	AMMC	FM 35-X EXT.	00	94302 94312 94326 94332 94374 94403
ULAU02	AMMC	FM 35-X EXT.	12	94302 94312 94326 94332 94374 94403

TTAA (ii)	CCCC	Code Form Used	Time Group (GG)	Content of Bulletin and Remarks
ULAU03	AMMC	FM 35-X EXT.	00	94430 94461 94510 94578 94610 94637
ULAU03	AMMC	FM 35-X EXT.	12	94430 94461 94510 94578 94610 94637
ULAU04	AMMC	FM 35-X EXT.	00	94638 94647 94659 94672 94711 94767
ULAU04	AMMC	FM 35-X EXT.	06	94767
ULAU04	AMMC	FM 35-X EXT.	12	94638 94647 94659 94672 94711 94767
ULAU04	AMMC	FM 35-X EXT.	18	94767
ULAU05	AMMC	FM 35-X EXT.	00,12	94953 94995 95527
ULAU06	AMMC	FM 35-X EXT.	00,12	94953 94995 95527
ULKK01	AMMC	FM 35-X EXT.	00,12	96996
ULMK01	AMMC	FM 35-X EXT.	00,12	94998
ULNF01	AMMC	FM 35-X EXT.	00	94996
ULNG01	AMMC	FM 35-X EXT.	00	92014 92035 92044• NOTE: OBS. TEMPORARILY DISCONTINUED FOR/OBS. TEMPORAIREMENT SUSPENDUES POUR: 92014 92035
ULSO01	AMMC	FM 35-X EXT.	00,12	91517
ULVE01	AMMC	FM 36-X EXT.	00,12	TEMP SHIP
UPAU01	AMMC	FM 32-IX	00,12	94120 94150 94203 94294 94299 94326
UPAU01	AMMC	FM 32-IX	06,18	94120 94150 94203 94294 94299 94326
UPAU02	AMMC	FM 32-IX	00,06,18	94374 94403 94461 94510 94578 94610
UPAU02	AMMC	FM 32-IX	12	94374 94403 94461 94510 94578 94610
UPAU03	AMMC	FM 32-IX	00,06,12,18	94637 94638 94647 94659 94672 94767
UPAU04	AMMC	FM 32-IX	00	94776 94802 94995 94996 95527
UPAU04	AMMC	FM 32-IX	06,18	94776 94802 94821 94865 94910 94975 95527
UPAU04	AMMC	FM 32-IX	12	94776 94802 94821 94910 94975 94995 94996 95527
UPAU05	AMMC	FM 32-IX	00,06,12,18	94212 94238 94287 94300 94346 94367
UPAU06	AMMC	FM 32-IX	00,06,12,18	94653 94693 94791 94907 94926 94968
UPNF01	AMMC	FM 32-IX	00,06,12,18	94996
UPNG01	AMMC	FM 32-IX	00,06	92014 92035 92044 92047 92076 92087• NOTE: OBS. TEMPORARILY DISCONTINUED/OBS. TEMPORAIREMENT SUSPENDUES AT/A 00 UTC FOR/POUR: 92014 92035 92047 92076 92087, AT/A 06 UTC FOR/POUR: 92014 92047 92076 92087
UPNG01	AMMC	FM 32-IX	12,18	92014 92035 92044• NOTE: OBS. TEMPORARILY DISCONTINUED FOR/OBS. TEMPORAIREMENT SUSPENDUES POUR: 92014
UPSO01	AMMC	FM 32-IX	00,06,12,18	91517
UQAU01	AMMC	FM 32-IX	06,18	94120 94150 94203 94294 94299 94326
UQAU02	AMMC	FM 32-IX	06,18	94374 94403 94461 94510 94578 94610

TTAA (ii)	CCCC	Code Form Used	Time Group (GG)	Content of Bulletin and Remarks
UQAU03	AMMC	FM 32-IX	06,18	94637 94638 94647 94659 94672 94767
UQAU04	AMMC	FM 32-IX	06	94776 94802 94821 94865 94910 94975 95527
UQAU04	AMMC	FM 32-IX	18	94776 94802 94821 94865 94910 94975 95527
UQAU05	AMMC	FM 32-IX	00,06,12,18	94212 94238 94287 94300 94346 94367
UQAU06	AMMC	FM 32-IX	00,06,12,18	94653 94693 94791 94907 94926 94968
USAA01	AMMC	FM 35-X EXT.	00,12	89564 89571 89611
USAU01	AMMC	FM 35-X EXT.	00	94120 94150 94170 94203 94294 94299
USAU01	AMMC	FM 35-X EXT.	12	94120 94150 94170 94203 94294 94299
USAU02	AMMC	FM 35-X EXT.	00	94302 94312 94326 94332 94374 94403
USAU02	AMMC	FM 35-X EXT.	12	94302 94312 94326 94332 94374 94403
USAU03	AMMC	FM 35-X EXT.	00	94430 94461 94510 94578 94610 94637
USAU03	AMMC	FM 35-X EXT.	12	94430 94461 94510 94578 94610 94637
USAU04	AMMC	FM 35-X EXT.	00	94638 94647 94659 94672 94711 94767
USAU04	AMMC	FM 35-X EXT.	06	94767
USAU04	AMMC	FM 35-X EXT.	12	94638 94647 94659 94672 94711 94767
USAU04	AMMC	FM 35-X EXT.	18	94767
USAU05	AMMC	FM 35-X EXT.	00,12	94776 94802 94821 94865 94910 94975
USAU06	AMMC	FM 35-X EXT.	00,12	94953 94995 95527
USKK01	AMMC	FM 35-X EXT.	00,12	96996
USMK01	AMMC	FM 35-X EXT.	00,12	94998
USNF01	AMMC	FM 35-X EXT.	00	94996
USNG01	AMMC	FM 35-X EXT.	00	92014 92035 92044• NOTE: OBS. TEMPORARILY DISCONTINUED FOR/OBS. TEMPORAIREMENT SUSPENDUES POUR: 92014 92035
USSO01	AMMC	FM 35-X EXT.	00,12	91517
USVE01	AMMC	FM 36-X EXT.	00,12	TEMP SHIP
UXXS01	AMMC	SPECIAL CODE	00,12	PAOBS
UXXS02	AMMC	SPECIAL CODE	00,12	PAOBS
UXXS03	AMMC	SPECIAL CODE	00,12	PAOBS
UXXS04	AMMC	SPECIAL CODE	00,12	PAOBS
UXXS05	AMMC	SPECIAL CODE	00,12	PAOBS
UXXS06	AMMC	SPECIAL CODE	00,12	PAOBS
UXXS07	AMMC	SPECIAL CODE	00,12	PAOBS
UXXS08	AMMC	SPECIAL CODE	00,12	PAOBS

TTAA (ii)	CCCC	Code Form Used	Time Group (GG)	Content of Bulletin and Remarks
UXXS09	AMMC	SPECIAL CODE	00,12	PAOBS
WHAU01	ABRF	PLAIN LANGUAGE	AS REQUIRED	SEVERE TROPICAL CYCLONE WARNINGS/AVIS DE FORT CYCLONE TROPICAL
WHAU02	ABRF	PLAIN LANGUAGE	AS REQUIRED	SEVERE TROPICAL CYCLONE WARNINGS/AVIS DE FORT CYCLONE TROPICAL
WHNG01	AYPY	PLAIN LANGUAGE	AS REQUIRED	SEVERE TROPICAL CYCLONE WARNINGS/AVIS DE FORT CYCLONE TROPICAL
WOAU01	ABRF	PLAIN LANGUAGE	AS REQUIRED	OTHER WARNINGS/AUTRES AVIS
WOAU02	ABRF	PLAIN LANGUAGE	AS REQUIRED	OTHER WARNINGS/AUTRES AVIS
WOAU03	ADRM	PLAIN LANGUAGE	AS REQUIRED	OTHER WARNINGS/AUTRES AVIS
WOAU04	ADRM	PLAIN LANGUAGE	AS REQUIRED	OTHER WARNINGS/AUTRES AVIS
WOAU05	APRF	PLAIN LANGUAGE	AS REQUIRED	OTHER WARNINGS/AUTRES AVIS
WOAU06	APRF	PLAIN LANGUAGE	AS REQUIRED	OTHER WARNINGS/AUTRES AVIS
WOAU07	AMRF	PLAIN LANGUAGE	AS REQUIRED	OTHER WARNINGS/AUTRES AVIS
WOAU08	APRM	PLAIN LANGUAGE	AS REQUIRED	OTHER WARNINGS/AUTRES AVIS
WOAU09	ASRF	PLAIN LANGUAGE	AS REQUIRED	OTHER WARNINGS/AUTRES AVIS
WONG01	AYPY	PLAIN LANGUAGE	AS REQUIRED	OTHER WARNINGS/AUTRES AVIS
WONG02	AYPY	PLAIN LANGUAGE	AS REQUIRED	OTHER WARNINGS/AUTRES AVIS
WTAU01	ABRF	PLAIN LANGUAGE	AS REQUIRED	TROPICAL CYCLONE WARNINGS/AVIS DE CYCLONE TROPICAL
WTAU02	ABRF	PLAIN LANGUAGE	AS REQUIRED	TROPICAL CYCLONE WARNINGS/AVIS DE CYCLONE TROPICAL
WTAU03	ADRM	PLAIN LANGUAGE	AS REQUIRED	TROPICAL CYCLONE WARNINGS/AVIS DE CYCLONE TROPICAL
WTAU04	ADRM	PLAIN LANGUAGE	AS REQUIRED	TROPICAL CYCLONE WARNINGS/AVIS DE CYCLONE TROPICAL
WTAU05	APRF	PLAIN LANGUAGE	AS REQUIRED	TROPICAL CYCLONE WARNINGS/AVIS DE CYCLONE TROPICAL

TTAA (ii)	CCCC	Code Form Used	Time Group (GG)	Content of Bulletin and Remarks
WTAU06	APRF	PLAIN LANGUAGE	AS REQUIRED	TROPICAL CYCLONE WARNINGS/AVIS DE CYCLONE TROPICAL
WTAU07	APRF	PLAIN LANGUAGE	AS REQUIRED	TROPICAL CYCLONE WARNINGS/AVIS DE CYCLONE TROPICAL
WTAU10	ADRM	PLAIN LANGUAGE	AS REQUIRED	TROPICAL CYCLONE WARNINGS/AVIS DE CYCLONE TROPICAL
WTNG01	AYPY	PLAIN LANGUAGE	AS REQUIRED	TROPICAL CYCLONE WARNINGS/AVIS DE CYCLONE TROPICAL
WTNG02	AYPY	PLAIN LANGUAGE	AS REQUIRED	TROPICAL CYCLONE WARNINGS/AVIS DE CYCLONE TROPICAL
WVAU01	ADRM	PLAIN LANGUAGE	AS REQUIRED	VOLCANIC ASH WARNINGS/AVIS DE CENDRES VOLCANIQUES
ARAU41	ADRM	PLAIN LANGUAGE	AS REQUIRED	CYCLONE RADAR REPORTS/MESSAGES RADAR DE CYCLONE
AXAU21	ABRF	PLAIN LANGUAGE	AS REQUIRED	TROPICAL CYCLONE BULLETIN/BULLETIN DE CYCLONE TROPICAL
AXOC40	ADRM	PLAIN LANGUAGE	AS REQUIRED	TROPICAL ANALYSE SUMMARY/RESUME D'ANALYSE TROPICALE
AXOC41	APRF	PLAIN LANGUAGE	AS REQUIRED	TROPICAL ANALYSE SUMMARY/RESUME D'ANALYSE TROPICALE
FBAU20	AMMC	PLAIN LANGUAGE	AS REQUIRED	SIGNIFICANT WEATHER FORECAST/PREVISIONS DU TEMPS SIGNIFICATIF
FBAU21	AMMC	PLAIN LANGUAGE	AS REQUIRED	SIGNIFICANT WEATHER FORECAST/PREVISIONS DU TEMPS SIGNIFICATIF
FPAU22	AMRF	PLAIN LANGUAGE	AS REQUIRED	PUBLIC FORECAST/PREVISION POUR LE PUBLIC
FPSO40	ADRM	PLAIN LANGUAGE	AS REQUIRED	PUBLIC FORECAST/PREVISION POUR LE PUBLIC
FQAU20	ABRF	PLAIN LANGUAGE	AS REQUIRED	OCEAN WATERS FORECAST/PREVISIONS POUR L'OCEAN
FQAU21	ADRM	PLAIN LANGUAGE	AS REQUIRED	OCEAN WATERS FORECAST/PREVISIONS POUR L'OCEAN
FQAU22	AMRF	PLAIN LANGUAGE	AS REQUIRED	OCEAN WATERS FORECAST/PREVISIONS POUR L'OCEAN
FQNG20	AYPY	PLAIN LANGUAGE	AS REQUIRED	OCEAN WATERS FORECAST/PREVISIONS POUR L'OCEAN
SIAA21	AMMC	FM 12-XI	03,09,15,21	89564 89571 89611
SIAU21	AMMC	FM 12-XI	03,09,15,21	94102 94103 94120 94122 94132 94146 94147 94150 94151 94170 94184 94200 94203 94206 94207 94211 94212 94216 94236 94238 94248 94255 94267 94268 94275 94283 94287 94290 94294 94296 94298

TTAA (ii)	CCCC	Code Form Used	Time Group (GG)	Content of Bulletin and Remarks
SIAU22	AMMC	FM 12-XI	03,09,15,21	94299 94300 94302 94312 94313 94317 94319 94324 94326 94327 94332 94333 94341 94346 94363 94366 94367 94374 94388 94393 94394 94403 94429 94430 94449 94451 94461 94462 94477 94482 94488 94492
SIAU23	AMMC	FM 12-XI	03,09,15,21	94500 94510 94515 94552 94578 94584 94601 94610 94637 94638 94642 94643 94647 94651 94653 94659 94672 94691 94693 94700 94703 94729 94750 94767 94776 94791 94802 94804 94821 94842 94850 94865 94875
SIAU24	AMMC	FM 12-XI	03,09,15,21	94893 94907 94910 94926 94935 94954 94956 94968 94975 94983 94995 94997 94998 95111 95205 95322 95448 95458 95480 95481 95485 95527 95634 95637 95646 95666 95711 95719 95762 95839 96995 96996
SIAU40	AMMC	FM 12-XI	03,09,15	94127 94129 94135 94210 94289 94307 94310 94371 94379 94405 94934 94974 95288 95297 95961
SIAU40	AMMC	FM 12-XI	21	94127 94129 94135 94210 94289 94307 94310 94371 94379 94405 94934 94974 95287 95288 95290 95297 95961
SIPS40	AMMC	FM 12-XI	03,09,15,21	91375 91519 91531 91559 91611 91642 91679 91689 91756 91789 91844 92036 93713
SISO21	AMMC	FM 12-XI	03,09,15,21	91502 91503 91507 91517 91520 91527 91541
SIVE21	AMMC	FM 13-XI	03,09,15,21	SHIP/NAVIRE
SMAU40	AMMC	FM 12-XI	00,06,12,18	94127 94129 94135 94210 94289 94307 94310 94371 94379 94405 94934 94974 95287 95288 95290 95297 95961• NOTE: AS AVAILABLE/SELON DISPONIBILITE
SMPS40	AMMC	FM 12-XI	00,06,12,18	91375 91519 91531 91559 91611 91642 91679 91689 91756 91789 91844 92036 93713
SNAU40	AMMC	FM 12-XI	01,04,07,10,13,16,19,22	94100 94101 94201 94202 94204 94208 94209 94213 94214 94215 94217 94303 94304 94305 94306 94309 94311 94314 94315 94316 94318 94320 94401 94402 94404 94410 94411 94414 94415 94416 94417 94422
SNAU41	AMMC	FM 12-XI	01,04,07,10,13,16,19,22	94439 94440 94444 94448 94457 94600 94602 94603 94604 94605 94606 94607 94608 94609 94611 94612 94614 94615 94616 94617 94618 94619 94620 94621 94622 94623 94625 94626 94627 94628 94629 94630 94631 94632 94633 94634 94635
SNAU42	AMMC	FM 12-XI	01,04,07,10,13,16,19,22	94636 94639 94640 94641 94645 95204 95215 95303 95304 95305 95307 95308 95315 95316 95400 95600 95602 95604 95605 95606 95608 95610 95611 95612 95613 95614 95615 95617 95618 95619 95624 95625 95626 95627 95628 95629 95630
SNAU43	AMMC	FM 12-XI	01,04,07,10,13,16,19,22	95632 95633 95635 95636 95638 95639 95640 95645• NOTE: AS AVAILABLE/SELON DISPONIBILITE
SNAU44	AMMC	FM 12-XI	01,04,07,10,13,16,19,22	94474 94475 94476 94480 94654 94655 94656 94657 94658 94660 94661 94662 94663 94664 94665 94667 94668 94669 94670 94671 94673 94674 94675 94676 94677 94678 94679 94680 94681 94682 94683 94684 94687 94688 94803• CENTRAL DAYLIGHT SAVING TIME
SNAU44	AMMC	FM 12-XI	02,05,08,11,14,17,20,23	94474 94475 94476 94480 94654 94655 94656 94657 94658 94660 94661 94662 94663 94664 94665 94667 94668 94669 94670 94671 94673 94674 94675 94676 94677 94678 94679 94680 94681 94682 94683 94684 94687 94688 94803• CENTRAL STANDARD TIME
SNAU45	AMMC	FM 12-XI	01,04,07,10,13,16,19,22	94805 94806 94807 94809 94810 94811 94812 94813 94814 94815 94816 94817 94818 94819 94820 94822 94823 95654 95655 95656 95658 95660 95661 95662 95664 95667 95669 95670 95671 95676 95677 95678 95687 95806 95807• CENTRAL DAYLIGHT SAVING TIME
SNAU45	AMMC	FM 12-XI	02,05,08,11,14,17,20,23	94805 94806 94807 94809 94810 94811 94812 94813 94814 94815 94816 94817 94818 94819 94820 94822 94823 95654 95655 95656 95658 95660 95661 95662 95664 95667 95669 95670 95671 95676 95677 95678 95687 95806 95807• CENTRAL STANDARD TIME
SNAU46	AMMC	FM 12-XI	01,04,07,10,13,16,19,22	95812 95814 95816• CENTRAL DAYLIGHT SAVING TIME
SNAU46	AMMC	FM 12-XI	02,05,08,11,14,17,20,23	95812 95814 95816• CENTRAL DAYLIGHT SAVING TIME
SNAU47	AMMC	FM 12-XI	02,05,08,11,14,17,20,23	94111 94116 94117 94119 94121 94125 94128 94130 94131 94134 94135 94137 94138 94139 94140 94142 94145 94149 94152 94153 94220 94225 94229 94230 94231 94232 94237 94242 94258 94323 94325 94328 94463
SNAU48	AMMC	FM 12-XI	02,05,08,11,14,17,20,23	94466 95462• NOTE: AS AVAILABLE/SELON DISPONIBILITE

TTAA (ii)	CCCC	Code Form Used	Time Group (GG)	Content of Bulletin and Remarks
SNAU49	AMMC	FM 12-XI	02,05,08,11,14,17,20,23	94174 94176 94182 94186 94187 94256 94259 94269 94276 94285 94286 94288 94291 94292 94293 94295 94329 94334 94335 94337 94339 94340 94343 94345 94350 94351 94355 94356 94358 94359 94360 94362 94364 94365
SNAU50	AMMC	FM 12-XI	02,05,08,11,14,17,20,23	94368 94369 94372 94373 94375 94376 94377 94378 94380 94381 94384 94386 94387 94390 94494 94511 94513 94514 94517 94521 94525 94529 94530 94542 94543 94548 94549 94553 94555 94558 94564 94566 94567
SNAU51	AMMC	FM 12-XI	02,05,08,11,14,17,20,23	94568 94569 94570 94575 94577 94579 94580 94592 94593 94594 95287 95289 95290 95291 95293 95294 95295 95296 95297 95362 95366 95367 95368 95487 95529 95533 95551 95565 95566 95572 95581 95590
SNAU53	AMMC	FM 12-XI	01,04,07,10,13,16,19,22	94485 94497 94498 94520 94541 94544 94556 94571 94573 94574 94582 94583 94585 94586 94587 94588 94589 94595 94596 94598 94689 94692 94694 94695 94696 94697 94698 94699 94701 94704 94705 94706 94707 94708 94709• EASTERN DAYLIGHT SAVING TIME
SNAU53	AMMC	FM 12-XI	02,05,08,11,14,17,20,23	94485 94497 94498 94520 94541 94544 94556 94571 94573 94574 94582 94583 94585 94586 94587 94588 94589 94595 94596 94598 94689 94692 94694 94695 94696 94697 94698 94699 94701 94704 94705 94706 94707 94708 94709• EASTERN STANDARD TIME
SNAU54	AMMC	FM 12-XI	01,04,07,10,13,16,19,22	94710 94711 94712 94714 94715 94716 94717 94719 94720 94721 94722 94723 94724 94725 94727 94728 94730 94732 94733 94734 94735 94736 94737 94738 94739 94740 94741 94742 94743 94744 94747 94748 94749 94752 94754• EASTERN DAYLIGHT SAVING TIME
SNAU54	AMMC	FM 12-XI	02,05,08,11,14,17,20,23	94710 94711 94712 94714 94715 94716 94717 94719 94720 94721 94722 94723 94724 94725 94727 94728 94730 94732 94733 94734 94735 94736 94737 94738 94739 94740 94741 94742 94743 94744 94747 94748 94749 94752 94754• EASTERN STANDARD TIME
SNAU55	AMMC	FM 12-XI	01,04,07,10,13,16,19,22	94755 94756 94760 94761 94762 94763 94764 94765 94766 94768 94770 94771 94772 94773 94774 94775 94777 94778 94779 94780 94781 94783 94784 94786 94787 94788 94789 94790 94792 94869 94876 94877 94890 94896 94901• EASTERN DAYLIGHT SAVING TIME
SNAU55	AMMC	FM 12-XI	02,05,08,11,14,17,20,23	94755 94756 94760 94761 94762 94763 94764 94765 94766 94768 94770 94771 94772 94773 94774 94775 94777 94778 94779 94780 94781 94783 94784 94786 94787 94788 94789 94790 94792 94869 94876 94877 94890 94896 94901• EASTERN STANDARD TIME
SNAU56	AMMC	FM 12-XI	01,04,07,10,13,16,19,22	94909 94915 94918 94919 94921 94922 94923 94925 94927 94928 94929 94937 94938 94939 94940 94941 94942 95512 95520 95541 95706 95707 95708 95709 95710 95713 95715 95716 95717 95718 95720 95723 95725 95726• EASTERN DAYLIGHT SAVING TIME
SNAU56	AMMC	FM 12-XI	02,05,08,11,14,17,20,23	94909 94915 94918 94919 94921 94922 94923 94925 94927 94928 94929 94937 94938 94939 94940 94941 94942 95512 95520 95541 95706 95707 95708 95709 95710 95713 95715 95716 95717 95718 95720 95723 95725 95726• EASTERN STANDARD TIME
SNAU57	AMMC	FM 12-XI	01,04,07,10,13,16,19,22	94824 94825 94826 94827 94828 94829 95727 95735 95746 95748 95750 95753 95758 95764 95765 95766 95770 95771 95772 95773 95774 95775 95778 95784 95869 95895 95896 95908 95909 95911 95912 95914 95929 95931 95935• EASTERN DAYLIGHT SAVING TIME
SNAU57	AMMC	FM 12-XI	02,05,08,11,14,17,20,23	94824 94825 94826 94827 94828 94829 95727 95735 95746 95748 95750 95753 95758 95764 95765 95766 95770 95771 95772 95773 95774 95775 95778 95784 95869 95895 95896 95908 95909 95911 95912 95914 95929 95931 95935• EASTERN STANDARD TIME
SNAU58	AMMC	FM 12-XI	01,04,07,10,13,16,19,22	94830 94831 94832 94834 94835 94836 94837 94840 94841 94843 94844 94845 94846 94847 94849 94852 94854 94855 94857 94859 94860 94861 94862 94863 94864 94866 94868 94870 94871 94872 94873 94874 94878 94879 94880• EASTERN DAYLIGHT SAVING TIME
SNAU58	AMMC	FM 12-XI	02,05,08,11,14,17,20,23	94830 94831 94834 94835 94836 94837 94840 94841 94843 94844 94845 94846 94847 94849 94852 94854 94855 94857 94859 94860 94861 94862 94863 94864 94866 94868 94870 94871 94872 94873 94874 94878 94879 94880• EASTERN STANDARD TIME

TTAA (ii)	CCCC	Code Form Used	Time Group (GG)	Content of Bulletin and Remarks
SNAU59	AMMC	FM 12-XI	01,04,07,10,13,16,19,22	94881 94882 94883 94884 94888 94889 94891 94892 94894 94895 94898 94899 94903 94906 94911 94912 94913 94914 94930 94932 94933 95829 95831 95833 95834 95835 95836 95837 95838 95842 95843 95853 95854 95855 95867• EASTERN DAYLIGHT SAVING TIME
SNAU59	AMMC	FM 12-XI	02,05,08,11,14,17,20,23	94881 94882 94883 94884 94888 94889 94891 94892 94894 94895 94898 94899 94903 94906 94911 94912 94913 94914 94930 94932 94933 95829 95831 95833 95834 95835 95836 95837 95838 95842 95843 95853 95854 95855 95867• EASTERN STANDARD TIME
SNAU60	AMMC	FM 12-XI	01,04,07,10,13,16,19,22	95872 95873 95881 95901 95904 95913• EASTERN DAYLIGHT SAVING TIME
SNAU60	AMMC	FM 12-XI	02,05,08,11,14,17,20,23	95872 95873 95881 95901 95904 95913• EASTERN STANDARD TIME
SNAU61	AMMC	FM 12-XI	01,04,07,10,13,16,19,22	94950 94951 94953 94955 94957 94958 94959 94960 94961 94962 94963 94964 94966 94967 94969 94970 94971 94972 94973 94976 94977 94978 94979 94980 94981 94982 94985 94987 95952 95953 95955 95956 95957 95958• TASMANIAN DAYLIGHT SAVING TIME
SNAU61	AMMC	FM 12-XI	02,05,08,11,14,17,20,23	94950 94951 94953 94955 94957 94958 94959 94960 94961 94962 94963 94964 94966 94967 94969 94970 94971 94972 94973 94976 94977 94978 94979 94980 94981 94982 94985 94987 95952 95953 95955 95956 95957 95958• TASMANIAN STANDARD TIME
SNAU62	AMMC	FM 12-XI	01,04,07,10,13,16,19,22	95960 95964 95967 95968 95969 95970 95971 95973 95974 95975 95979 95980 95984 95989• TASMANIAN DAYLIGHT SAVING TIME
SNAU62	AMMC	FM 12-XI	02,05,08,11,14,17,20,23	95960 95964 95967 95968 95969 95970 95971 95973 95974 95975 95979 95980 95984 95989• TASMANIAN STANDARD TIME
SNKI21	AMMC	FM 12-XI	02,08,14,20	96995
SNNG21	AMMC	FM 12-XI	02	92004 92014 92035 92047 92076• NOTE: AS AVAILABLE/SELON DISPONIBILITE
SNNG21	AMMC	FM 12-XI	08	92001 92003 92004 92014 92022 92035 92044 92047 92072 92076 92077 92087 92100• NOTE: AS AVAILABLE/SELON DISPONIBILITE
SNNG21	AMMC	FM 12-XI	14	92001 92003 92004 92014 92022 92035 92044 92047 92072 92076 92077 92087 92100• NOTE: AS AVAILABLE/SELON DISPONIBILITE
SNNG21	AMMC	FM 12-XI	20	92003 92004 92014 92035 92076• NOTE: AS AVAILABLE/SELON DISPONIBILITE
SNNG40	AMMC	FM 12-XI	02,05,08,11,14,17,20,23	92005 92006 92010 92011 92012 92013 92016 92017 92021 92022 92023 92026 92031 92040 92045 92051 92057 92058 92068 92069 92070 92071 92072 92075 92080 92082 92083 92084 92090 92092 92100• NOTE: AS AVAILABLE/SELON DISPONIBILITE
SNPS40	AMMC	FM 12-XI	01,02,04,05,07,08,10,11,13,14,16,17,19,20,22,23	91375 91519 91531 91559 91611 91642 91679 91689 91756 91789 91844 92036 93713
SXXS20	ADRM	PLAIN LANGUAGE	MONTHLY	SOUTHERN OSCILLATION INDEX/INDEX D'OSCILLATION DANS L'HEMISPHERE SUD
UGNF21	AMMC	FM 32-IX	00,06,12,18	94996
UGNG21	AMMC	FM 32-IX	00,06	92014 92035 92044 92047 92076 92087• NOTE: OBS. TEMPORARILY DISCONTINUED/OBS. TEMPORAIREMENT SUSPENDUES AT/A 00 UTC FOR/POUR: 92014 92035 92047 92076 92087, AT/A 06 UTC FOR/POUR: 92014 92047 92076 92087
UGNG21	AMMC	FM 32-IX	12,18	92014 92035 92044• NOTE: OBS. TEMPORARILY DISCONTINUED FOR/OBS. TEMPORAIREMENT SUSPENDUES POUR: 92014
UGSO21	AMMC	FM 32-IX	00,06,12,18	91517

TTAA (ii)	CCCC	Code Form Used	Time Group (GG)	Content of Bulletin and Remarks
WONG20	AYPY	PLAIN LANGUAGE	AS REQUIRED	OTHER WARNINGS/AUTRES AVIS
WSNG21	AYPY	PLAIN LANGUAGE	AS REQUIRED	SIGMET
WWPS22	ABRF	PLAIN LANGUAGE	AS REQUIRED	TROPICAL DISTURBANCE ADVISORY FOR SOLOMON IS./AVERTISSEMENT DE PERTURBATIONS TROPICALES POUR LES ILES SALOMON
WWSO21	ABRF	PLAIN LANGUAGE	AS REQUIRED	SATELLITE ANALYSIS BULLETIN/BULLETIN D'ANALYSE DE SATELLITE
TPIO23	APRF	PLAIN LANGUAGE	AS REQUIRED	TC SATELLITE BULLETIN FOR RAI

Name of country: New Zealand
 Compiling/Editing Centre: Wellington
 Date: 20.7.99

SIPS21	NZKL	FM 12-XI	03, 09, 15, 21	91961 91962
SMPS02	NZKL	FM 12-XI	00, 06, 12, 18	91961 91962

III. MARINE METEOROLOGICAL SERVICES

Publication No. 9 - Volume D "Information for Shipping"
 Transmission Schedules for full GMDSS Service
 (13 July 1999)

MET-	Issuing Service/	Coast Earth Station	SATELLITE	Broadcast schedule (UTC) / Heure de diffusion (UTC)							
AREA	Service de diffusion	Station terriennes côtières	Ocean Region / Région Océanique	00	03	06	09	12	15	18	21
I	United Kingdom	Goonhilly	AOR (E)	-	-	-	0930	-	-	-	2130
II	France	Aussaguel	AOR (E)	-	-	-	0900	-	-	-	2100
II	France	Goonhilly	AOR (W)	-	-	-	0900	-	-	-	2100
III	Greece (1)	Thermopylae	(AOR-E)	-	-	-	1000	-	-	-	2200
IV	USA	Southbury	AOR (W)	-	0430	-	1030	-	1630	-	2230
V	Brazil	Tangua (1998?)	AOR (E)	0130	-	0730	-	1330	-	1930	-
VI	Argentina	Southbury	AOR (W)	0230	-	-	-	-	-	1730	-
VII AOR	South Africa	Burum	AOR (E)	-	-	-	0940	-	-	1940	-
VII IOR	South Africa (2)	Burum	IOR	-	-	-	0940	-	-	1940	-
VIII (N) (north of equator)	India	Arvi	IOR	-	-	-	0900	-	-	1800	-
VIII (S) (south of equator)	Mauritius/La Réunion (via France)	Aussaguel	IOR	0130	-	-	-	1330	-	-	-
			IOR / AOR(E)	0000(3)	-	0600(3)	-	1200(3)	-	1800(3)	-
IX	Pakistan	Perth	IOR	-	-	0700	-	-	-	-	-
X IOR	Australia	Perth	IOR	-	-	-	1030	-	-	-	2330

MET-	Issuing Service/	Coast Earth Station	SATELLITE	Broadcast schedule (UTC) / Heure de diffusion (UTC)							
				00	03	06	09	12	15	18	21
AREA	Service de diffusion	Station terriennes côtières	Ocean Region / Région Océanique								
X POR	Australia	Perth	POR	-		-	1100	-		-	2300
					0550 (4)	(Bass Strait only)		1210(4)	(Bass Strait only)		2300 (4)
								(Bass Strait only)			(Bass Strait only)
XI IOR	China (for IOR)	Beijing	IOR	-	0330	-	1015	-	1530	-	2215
XI POR	Japan (for POR) (5)	Yamaguchi	POR:								
		North of equator		0230	-	0830	-	1430	-	2030	-
		South of equator		-	-	0815	-	-	-	2015	-
XII	USA	Santa Paula	POR	-	0545	-	1145	-	1745	-	2345
XII	USA	Southbury	AOR (W)	-	0545	-	1145	-	1745	-	2345
XIII	Russian Federation	Nakhodka (6)	POR (6)	-	-	-	0930	-	-	-	2130
XIV	New Zealand	Perth	POR	0100 (4) (NZ coast only)	0330 (warnings only)	-	0930	1300 (4) (NZ coast only)	1530 (warnings only)	-	2130
XV	Chile	Southbury	AOR (W)	-	-	-	-	-	-	1800	-
XVI	USA	Southbury	AOR (W)	-	0515	-	1115	-	1715	-	2315

- (1) Scheduled bulletins and warnings for the western Mediterranean Sea are prepared by France.
- (2) Forecast for area 30°S-50°E / 50°S-80°E and tropical cyclone warnings are prepared by La Réunion
- (3) Tropical cyclone warnings if any issued by La Réunion as unscheduled broadcasts
- (4) Local times
- (5) Scheduled bulletins and warnings for south of equator are prepared by Australia
- (6) Experimental transmissions