

NEW ZEALAND REPORT

INTRODUCTION

New Zealand is designated as an Issuing Service under the GMDSS programme for the METAREA XIV. The Preparation Services for this Area are the RSMC Wellington and RSMC Nadi. New Zealand commenced transmissions of oceanic synopses, forecasts and warnings for METAREA XIV on 1 July 1993. Transmission of coastal synopses and forecasts commenced on 1 May 1994.

AVAILABILITY OF INFORMATION

The National Weather Forecasting Centre in Nadi, Fiji, prepares marine warnings, synopses and forecasts for METAREA XIV north of 25 south, and extends westward into METAREA X as far as 160 east. These forecasts and warnings are transmitted on the GTS to Wellington for compilation into the METAREA XIV MSI broadcast.

New Zealand's National Forecasting Centre in Wellington has the responsibility for providing marine warnings, synopses and forecasts in METAREA XIV between 25 south and 55 south, and for the small area extending into METAREA X to 160 east. Synopses and forecasts are also provided for the seas between 160 east and the east coast of Australia.

Figure 1 depicts the forecast areas covered by New Zealand GMDSS broadcasts.

INFORMATION TRANSFER TO CES

Information prepared for transmission is forwarded to a Land Earth Station located at Albany, Auckland. To date, there have been no problems experienced with communication.

GMDSS BROADCAST SCHEDULES

Oceanic Warnings are broadcast four times daily. Two broadcasts are combined with the High Seas Forecasts, and the other two transmissions contain only warnings.

Forecasts for New Zealand coastal waters are broadcast twice a day to a circular area of 600 nautical miles radius from central New Zealand. This area covers all New Zealand coastal waters and its outlying islands.

Contents of Broadcasts via INMARSAT	Time UTC
Situation and Forecasts for New Zealand coastal waters	0130
Warnings: Force 8 to 12 for Equator - 55s, 150e - 120w	0330
Warnings, Situation & Forecasts, Equator - 55s, 150e - 120w	0930
Situation and Forecasts for New Zealand coastal waters	1330
Warnings: Force 8 to 12 for Equator - 55s, 150e - 120w	1530
Warnings, Situation & Forecasts, Equator - 55s, 150e - 120w	2130

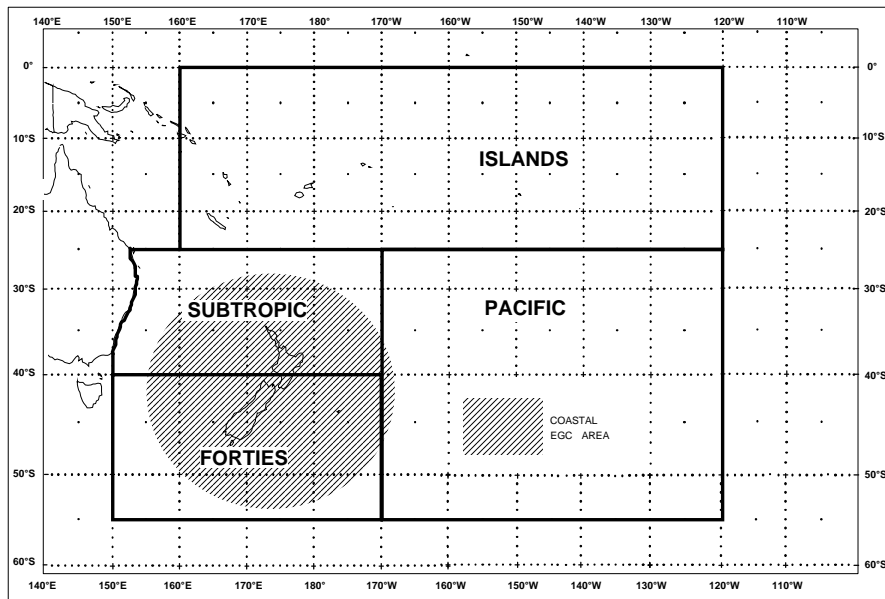


FIGURE 1

MONITORING

Monitoring of all transmissions is carried out by the Maritime Operations Centre, Wellington, which is funded by the Maritime New Zealand. Any discrepancies in the transmissions are relayed to the RSMC Wellington for any corrective actions.

RADIO FACSIMILE SERVICES

For many years, New Zealand has been supplying the maritime community with weather information in the form of broadcast charts via its ZKLF radio-facsimile service. This service is of considerable value to the mariners in the South Pacific and will continue well into the foreseeable future.

The schedule set out in Figure 2 is a sequential transmission on all frequencies.

HIGH FREQUENCY RADIO BROADCASTS

High frequency radio weather services are broadcast to METAREA XIV by ZLM Marine Radio, operated by the Maritime Operations Centre in Wellington, and funded by the Maritime New Zealand.

These services are seen as vital to non-GMDSS shipping, and particularly small ocean going pleasure crafts, and will be supported by New Zealand well into the future.

The following products are broadcast by ZLM:

- High seas gale warnings for METAREA XIV (four times daily);
- Synopsis and Forecasts for the high seas of METAREA XIV (twice daily);
- Warnings, synopses and forecasts for New Zealand coastal waters (four times daily); and
- New Zealand coastal weather reports (eight times daily).

FUTURE PLANS

High seas services are being planned for the Southern Ocean, particularly the area south of 55 south and between latitudes 160 east and 120 west. Provided suitable funding is made available by the Ministry of Transport, services are proposed to commence from 1 December 2007.

ZKLF RADIO FACSIMILE SCHEDULE
 Effective 1 MAY 2002

PRODUCT	TRANSMISSION TIMES (UTC) AND FREQUENCY				
	3247.4 kHz	5807 kHz	9459 kHz	13550.5 kHz	16340.1 kHz
0000 SW PACIFIC MSL PROG H+30		00:00 - 00:15	00:15 - 00:30	00:30 - 00:45	00:45 - 01:00
0000 SW PACIFIC MSL PROG H+48		01:00 - 01:15	01:15 - 01:30	01:30 - 01:45	01:45 - 02:00
0000 SW PACIFIC MSL PROG H+72		02:00 - 02:15	02:15 - 02:30	02:30 - 02:45	02:45 - 03:00
0000 TASMAN - NEW ZEALAND MSL ANAL		03:00 - 03:15	03:15 - 03:30	03:30 - 03:45	03:45 - 04:00
0000 SW PACIFIC MSL ANAL		04:00 - 04:15	04:15 - 04:30	04:30 - 04:45	04:45 - 05:00
0600 TASMAN - NEW ZEALAND MSL ANAL	09:45 - 10:00	09:00 - 09:15	09:15 - 09:30	09:30 - 09:45	
0600 SW PACIFIC MSL ANAL	10:45 - 11:00	10:00 - 10:15	10:15 - 10:30	10:30 - 10:45	
TRANSMISSION SCHEDULE	11:45 - 12:00	11:00 - 11:15	11:15 - 11:30	11:30 - 11:45	
1200 SW PACIFIC MSL PROG H+30	12:45 - 13:00	12:00 - 12:15	12:15 - 12:30	12:30 - 12:45	
1200 SW PACIFIC MSL PROG H+48	13:45 - 14:00	13:00 - 13:15	13:15 - 13:30	13:30 - 13:45	
1200 SW PACIFIC MSL PROG H+72	14:45 - 15:00	14:00 - 14:15	14:15 - 14:30	14:30 - 14:45	
1200 TASMAN - NEW ZEALAND MSL ANAL	15:45 - 16:00	15:00 - 15:15	15:15 - 15:30	15:30 - 15:45	
1200 SW PACIFIC MSL ANAL	16:45 - 17:00	16:00 - 16:15	16:15 - 16:30	16:30 - 16:45	
1800 TASMAN - NEW ZEALAND MSL ANAL		21:00 - 21:15	21:15 - 21:30	21:30 - 21:45	21:45 - 22:00
1800 SW PACIFIC MSL ANAL		22:00 - 22:15	22:15 - 22:30	22:30 - 22:45	22:45 - 23:00
TRANSMISSION SCHEDULE		23:00 - 23:15	23:15 - 23:30	23:30 - 23:45	23:45 - 00:00

For schedule updates and changes visit www.metservice.co.nz

FIGURE 2