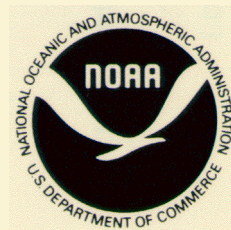

HOW YOU CAN IMPROVE MARINE WARNINGS AND FORECASTS

- |Report as much information as you can.
- |Even partial reports are important.
- |A simple estimate of winds or seas can be as useful as a complete report.
- |Please report as often as you can, especially when the weather changes or is different than forecast.
- |Pass the word. . . tell others to send MAREPs.
- |Your MAREP is valuable because. . . YOU KNOW THE WEATHER.

Thank you very much
for participating



April 1988

For more information about MAREPs, additional copies of this guide, and the MAREP User Manual, contact the National Weather Service or Sea Grant Office in your area.

GUIDE TO



MARINER REPORTS (MAREPs)

A MAREP is a radio message of weather and sea conditions observed by you and other mariners at sea.

This guide will help you report your weather observations to a coast radio station for updating marine warnings and forecasts.

U.S. Department of Commerce
National Oceanic and
Atmospheric Administration

National Weather
Service

Office of
Sea Grant

MAREP (Mariner Report) Guide

Example

1. RADIO CALL SIGN OR VESSEL NAME

WXY-123 or MARY SUE

2. TIME OF OBSERVATION

3:15 PM or 1515

3. POSITION

35.3 74.7 or
60 MI EAST OF
HATTERAS LT.

REPORT AS MANY OF THE FOLLOWING AS POSSIBLE

4. WIND DIRECTION AND SPEED

(From: N, NE, E, etc. Speed in knots.)

NW 25 KTS

5. SEAS

(Average height in feet of well-formed wind waves, or combined wind waves and swell when you cannot separate them.)

8 FT

6. SWELL DIRECTION AND HEIGHT

(and average height in feet.)

NE 5 FT

7. VISIBILITY

(visible distance in the surrounding area.)

2 MI

8. PRESENT WEATHER

(Clear - Partly Cloudy - Cloudy - Fog - Haze - Drizzle - Freezing Drizzle - Rain - Freezing Rain - Sleet - Snow - Hail - Thunderstorm - Squall - Waterspout)

RAIN

REPORT ANY OF THE FOLLOWING IF POSSIBLE

9. BAROMETER

(To nearest hundredth inch, or whole millibar.)

29.92 IN. or 1013 MB

10. AIR TEMPERATURE (°F)

11. SEA WATER TEMPERATURE

58

• REMARKS

(Report any conditions you feel are important: wind gusts; seas much higher than average; heavy rain; dense fog; etc.)

GUSTS TO 35 KTS
SEAS TO 15 FT
FREEZING SPRAY