***Forecaster Performance Criterion 5.3: Portfolio***

***C5.3 Make use of forecasts & warnings of meteorological parameters, variables and phenomena to describe their impact on marine operations, safety of life and property, including the coastal coastal environment and population***

***Performance Criterion Description:***

Communicate effectively with customers regarding weather impacts, relating parameters, variables and phenomena to potential impacts on marine activities.

**Scenario**:

Document a list of phenomenon-specific parameters, variables and associated phenomena correlated to potential impacts on marine activities, locations, and infrastructures. Completing the additional following documented activities can support this.

The forecaster might submit one or both of the following (see also 5.2):

1. The forecaster (or team of forecasters) can be asked to conduct a customer needs survey, such as the one required during the Marine Services Course, Lesson 4. The survey might include questions to gather the following information:

1. Professional/recreational operations and activities that require marine meteorology forecasts
2. Significant weather impacts of concern
3. Geographic areas of concern
4. Warning and forecast product needs
5. Timeliness of warnings and forecasts. What operations are most in need of forecasts well in advance?
6. Communication channels required for delivering/receiving warnings and forecasts (this includes understanding both the communication channels within and from the NMHS in addition to othercommunication pathways to reach the end-user, such as through National Disaster Management Agencies)
7. An example of a critical event involving the use of forecast products by the customer

2. The forecaster (or team of forecasters) can be asked to document a list of current and potential customers of marine weather information (including points of contact), including a brief description of their marine-related activities This could be done in the form of a spreadsheet, such as the one required during the Marine Services Course, Lesson 4. Categories of customers may include the following, or others identified by your organization:

1. SOLAS vessels
2. Non-SOLAS vessels
3. Fishery operations
4. Recreational boating
5. Dynamically supported craft
6. Offshore oil-drilling and mining operations
7. Coastal community activities
8. Pollution of the sea
9. Power generators and industrial plant cooling systems
10. Long-term planning and design information
11. Fisheries management
12. Ports
13. Search and rescue