

WEATHER FORECAST APPRECIATION COURSE

Introduction

This course has been designed to assist personnel who use marine and aviation weather forecasts in the offshore oil & gas industry so that they get the maximum benefit from these products. It will give a general introduction to meteorology and weather observing and then focus on the content of the weather forecasts. The course will show how the weather forecast is produced and discuss how it should be interpreted, including limitations on the accuracy and confidence which can occur. There will also be a section covering long range probability forecasts which do not give specific values but can act as a guide to prevailing conditions for periods of up to 30 days ahead.

The Course

The course lasts 1 day (0930 to 1530) and has been partially derived from our CAA approved Offshore Observer Course. A course timetable is shown below and full course notes and exercises will be included. The courses are normally held at StormGeo Ltd. offices in Westhill, Aberdeenshire however other locations can be arranged on request. Lunch is provided.

The course will conclude with a discussion during which personnel will be encouraged to discuss how weather forecasts affect the work they do.

Training Course Provisional Syllabus

1) Introductions (30mins)

- Customer Introductions
- StormGeo Introduction, including a brief overview of capability/portfolio
- Evaluation of current customer practices

2) Basic Meteorology (45mins)

3) Weather Observations (45mins)

- Types of observations, observation network and why observations are important
- Limitations of observational equipment (specifically offshore)

4) The Forecast (2 hrs)

- Brief overview of how a forecast is produced
- The Forecast output, including decoding the Forecast, definitions etc.
- Forecast Limitations and Confidence
- Case Study

5) Introduction to Probability Forecasts (30 mins)

- Probability Forecasts (explanations and decoding)
- Importance of Forecaster Telephone Consultancy
- Practical exercise using ensemble forecasts

6) Q &A (15 mins)

- Followed by completion of evaluation form.

At StormGeo offices there will also be a tour of the forecast room and review of active forecasts for the North Sea.

StormGeo Ltd.

StormGeo is the largest provider of commercial weather services in Scandinavia and opened an office in Aberdeen in 2009 to support UK offshore operations. This office has quickly expanded to provide services to other areas and now operates a Branch Office in Azerbaijan and provides forecasts to Kazakhstan and West Africa.

StormGeo has been approved by the UK Civil Aviation Authority to provide courses for Offshore Meteorological Observers. All StormGeo trainers are qualified meteorologists with many years experience working with the offshore oil & gas industry.

Bookings

Booking enquiries and to arrange course dates please contact Alan Binley at:

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