



WMO OMM

World Meteorological Organization
Organisation météorologique mondiale
Organización Meteorológica Mundial
Всемирная метеорологическая организация
المنظمة العالمية للأرصاد الجوية
世界气象组织

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Ref.: 00283/2020-1.0 LCP

Nuestra ref.: 33928/2019/ETR/CRS-220

9 de enero de 2020

Anexos: 3 (disponibles en inglés solamente)

Asunto: Curso de la OMM sobre Servicios de Predicción Meteorológica Marina en Países Costeros en Desarrollo (fase 1: modalidad en línea), 16 de marzo a 10 de mayo de 2020

Finalidad: Para información y para que se adopten las medidas pertinentes, según proceda, no más tarde del **17 de febrero de 2020**

Estimado señor/Estimada señora:

Cúpleme referirme a la carta circular de referencia 30881/2019/ETR/CRS-220, de fecha 21 de noviembre de 2019, sobre el curso mencionado en el asunto. Se me ha informado de que, por motivos logísticos, el curso se celebrará del **16 de marzo al 10 de mayo de 2020**, y no del 17 de febrero al 12 de abril de 2020, como estaba inicialmente previsto.

Por consiguiente, se amplía el plazo para la presentación de solicitudes de inscripción. El formulario de designación deberá cumplimentarse debidamente y enviarse a la Oficina de Enseñanza y Formación Profesional (ETR) (tra@wmo.int) de la Organización Meteorológica Mundial (OMM) lo antes posible, y en todo caso no más tarde del **17 de febrero de 2020**.

Quisiera aprovechar esta ocasión para agradecerle el continuo apoyo que presta a la OMM y a sus Miembros.

Le saluda atentamente.

(W. Zhang)
por el Secretario General

A los Representantes Permanentes (o Directores de los Servicios Meteorológicos o Hidrometeorológicos) de los Miembros hispanohablantes de la AR III y la AR IV

copias: Asesores hidrológicos de los Representantes Permanentes de los Miembros hispanohablantes de la AR III y la AR IV

WMO Course on Marine Weather Forecasting Services in Developing Coastal Countries (Phase 1)
17 February to 12 April 2020

Preliminary Course Programme, Expected Outcomes and Impacts

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| <p>Course Overview and Introductions (17 February) <i>Course Guide, Using the course site, update profile, introductions forum and participant profile questionnaire</i></p> |
| <p>Week 1 (17 February to 23 February) The WMO Strategy for Service Delivery <i>(Strategy on Service Delivery WMO No.1129, organizational charts and national marine services focal points and assessment of service delivery progress model)</i></p> |
| <p>Week 2 (24 February to 1 March) The WMO Strategy for Service Delivery <i>(Marine services management interviews)</i> General functions and Organization of Marine Met Services <i>(Guide and Manual on Marine Meteorological Services, WMO No.558 and WMO No.471 and assessment organizational elements)</i></p> |
| <p>Week 3 (2 March to 8 March) Service Design Considerations <i>(Dissemination options and Multi-Hazards Early Warning System)</i> Requirements for Service Elements, Users and Applications <i>(Marine stakeholders and forecasters interviews, marine customers certificate and definition of customers)</i></p> |
| <p>Week 4 (9 March to 15 March) Requirements for Service Elements, Users and Applications <i>(Customer needs Survey, marine forecast products inventory, exemplary marine forecast and warning products)</i></p> |
| <p>Week 5 (16 March to 22 March) Requirements for Service Elements, Users and Applications <i>(Customer interviews)</i></p> |
| <p>Week 6 (23 March to 29 March) International Coordination WorldWide Met-Ocean Information and Warning Service <i>(METAREA and NAVAREA coordinators, roles and responsibilities)</i> Capstone project: Marine Service Delivery Context Analysis</p> |
| <p>Week 7 (30 March to 5 April) Capstone project: Marine Service Delivery Context Analysis</p> |
| <p>Week 8 (6 April to 12 April) Course conclusion <i>(Final review and feedback on assignments)</i></p> |

Expected Impacts

The purpose of the Phase One course is to help WMO Members improve marine meteorological service delivery by:

- Increasing their understanding of the needs of clients (e.g. at sea or at coasts) who use marine weather information for protection of property and safety of life at sea;
- Guiding the use and implementation of the WMO regulations and service delivery framework outlined in WMO documents relevant to marine and coastal service, especially WMO-No. 471: Guide to Marine Meteorological Services; and
- Raising awareness and understanding of the regulations outlined in WMO documents relevant to marine and coastal service, especially WMO-No. 558: Manual on Marine Meteorological Services to effect successful implementation of WMO requirements for marine meteorological services.

Expected Learning Outcomes

The outcomes of the course will adhere to the tenets referenced in WMO-No. 1129: WMO Strategy for Service Delivery and Its Implementation Plan and align with the WMO Marine Weather Forecasters competency framework, which is part of WMO-No. 1209: Compendium of WMO Competency Frameworks.

1. Assess current marine forecast services' adherence to WMO guidelines.
2. Assess marine customer needs.
3. Align marine forecast services with customer needs and WMO guidelines.
4. Apply the WMO marine service delivery framework to foster continuous improvement of marine services.
5. Identify differences between and hierarchy of international and national regulations that govern the provision and broadcast of marine services.
6. Describe the end-to-end service delivery processes within the marine multi-hazard forecast and early warning system, including the roles and responsibilities of METAREA Coordinators, National Marine Services Focal Points, marine weather forecasters, and NAVAREA Coordinators.
7. Develop a portfolio of documents, a **Marine Service Delivery Context Analysis**, for creating the basis for a **Service Delivery Action Plan** (as prescribed in *WMO-No. 1129: WMO Strategy for Service Delivery and Its Implementation Plan*)

WMO Course on Marine Weather Forecasting Services in Developing Coastal Countries (Phase 1)
17 February to 12 April 2020

Course Activities and Certificates

General activities required of all participants

1. Viewing all required instructional resources
2. Contributing to the course online discussion forums
3. Contributing to all learning activities

To receive Certificates of Completion, participants will be assessed on their contributions to a variety of activities and completion of several projects. The coursework is designed to fit the scope of the 5 hours per week expected for participation.

During the course, the participants will create a portfolio of documents, comprising a **Marine Service Delivery Context Analysis**, which can be used as the basis for creating a **Service Delivery Action Plan** (as prescribed in WMO-No.1129: *WMO Strategy for Service Delivery and its implementation Plan, Appendix 7: Action Plan Outline*) to add new services or improve existing services.

It is necessary that participants from the same NMHSs work together in the creation of a Marine Service Delivery Context Analysis that applies to their service. This will ensure that the coursework is relevant and of ongoing utility to their NMHS through the collective efforts of the participants working as a team.

It is expected that the key stakeholders of the participant's NMHSs are engaged in this process. Engagement by the WMO Permanent Representatives and managers will assure that the outcomes of this training initiative contribute to the improvement of marine services.

Participants will be assessed on the quality of their completed Marine Service Delivery Context Analysis as well as completion of the units of the course, and those who are successful for both Phase 1 and Phase 2 (online and classroom-base course) will receive a Certificates of Completion and a transcript identifying the competencies developed during each phase of the course.

WMO Course on Marine Weather Forecasting Services in Developing Coastal Countries (Phase 1)
17 February to 12 April 2020

Participant Nomination Form

Section A: Personal Details

1. Country : _____
2. Title : Mr/Ms/Miss/Dr/Prof/ : _____
3. First Name (Given) : _____
4. FAMILY NAME (SURNAME) : _____
5. E-mail : _____
6. Telephone No : _____
7. Fax No : _____
8. Official Address : _____

9. Date of Birth : _____
10. Nationality : _____
11. Gender : ☐ Female ☐ Male

Section B: Qualification

12. Qualification (Certificates, diplomas, degrees, etc.):

13. Please indicate your Spanish language skills:

| | Excellent | Good | Fair | Poor | Nil |
|----------|-----------|------|------|------|-----|
| Speaking | | | | | |
| Reading | | | | | |
| Writing | | | | | |

14. What other WMO courses have you attended in the last 5 years?:

Section C: Work experience

15. Present work:

☐ National Meteorological and/or Hydrological Service (NMHS)_____

☐ Other (Please specify) : _____

16. What is your job title?: _____

17. How long have you been in this position?: _____

18. Your qualification:

☐ Meteorologist

☐ Hydrologist

☐ Oceanographer

☐ Other (Please specify): _____

19. Do you have experience on?

- | | | |
|------------------------------|------------------------------|-----------------------------|
| • Marine service delivery | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| • Marine weather forecasting | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| • Oceanography | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| • Hydrology | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| • Meteorology | <input type="checkbox"/> YES | <input type="checkbox"/> NO |

Section D: Rationale for Applying

20. How are you involved in marine weather forecasting services in your position?

21. Why do you want to attend this course? Be specific about how it will help you in your work

22. Provide a statement on how you anticipate using the knowledge and skills from this course in your work:

23. Provide a brief description of the present activities related to this course you are developed:

Section D: Endorsement of Permanent Representative

24. Statement by the Permanent Representative on how the participation of this candidate will benefit the education and training provided by the NMHS:

25. Will the participant be granted the required 5 hours per week release time to complete the learning activities of the course?:

- ☐ Yes, based on agreement with direct supervisor
- ☐ Yes, based on agreement with NMHS director.
- ☐ No, formal agreement is still being sought

Place: _____

Date: _____

Signature of the Permanent Representative: _____

To be completed and returned as soon as possible and in any case to reach WMO **not later than 15 January 2019** to:

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