

Copernicus FICE 2024

Training on
In situ Ocean Colour Above-Water Radiometry towards Satellite Validation


Logistics at ISMAR, health and safety at ISMAR and AAOT


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IMPLEMENTED BY  EUMETSAT

 FRM4SOC Phase-2  fiducial reference measurements for satellite ocean colour

 CNR ISMAR
ISTITUTO DI SCIENZE MARINE

6-17 May 2024
Venice, Italy

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Vessels

Boarding

Max 8 people + sailors
per vessel

Approximately 75min sail

Boarding time: 8:45 AM



Litus

Rules

- **No smoking**
- Always follow the captain instructions
- Always wait for the **captain instructions**
- Always wear your **safety boots** and **safety jacket** (provided onboard)

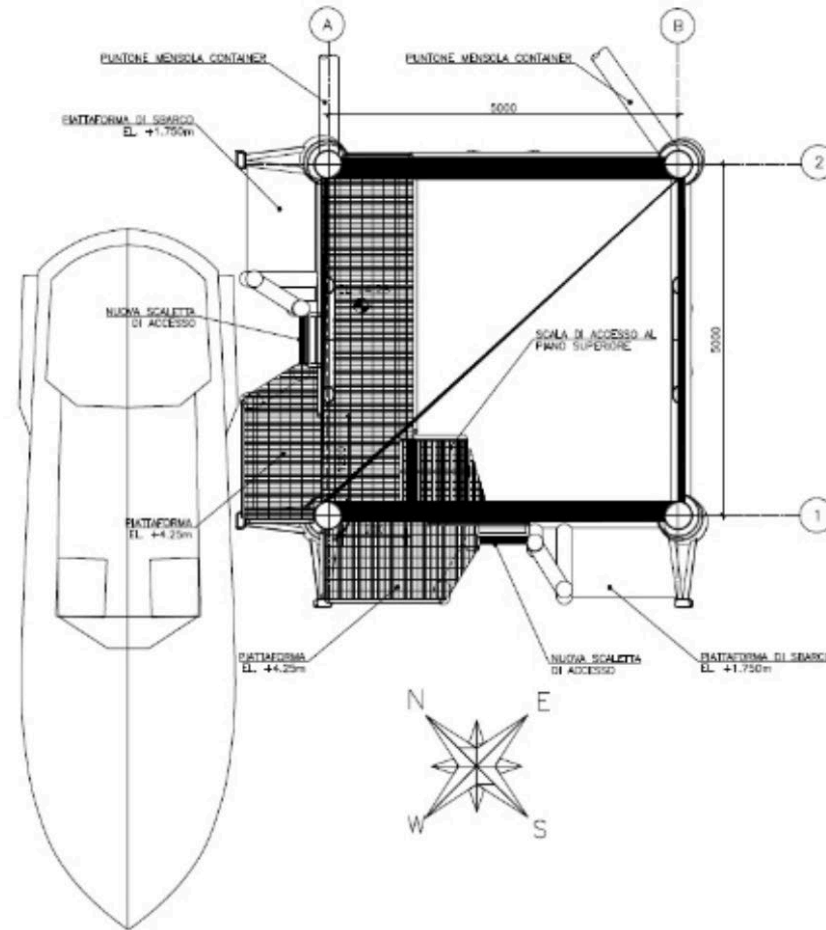


Issimo

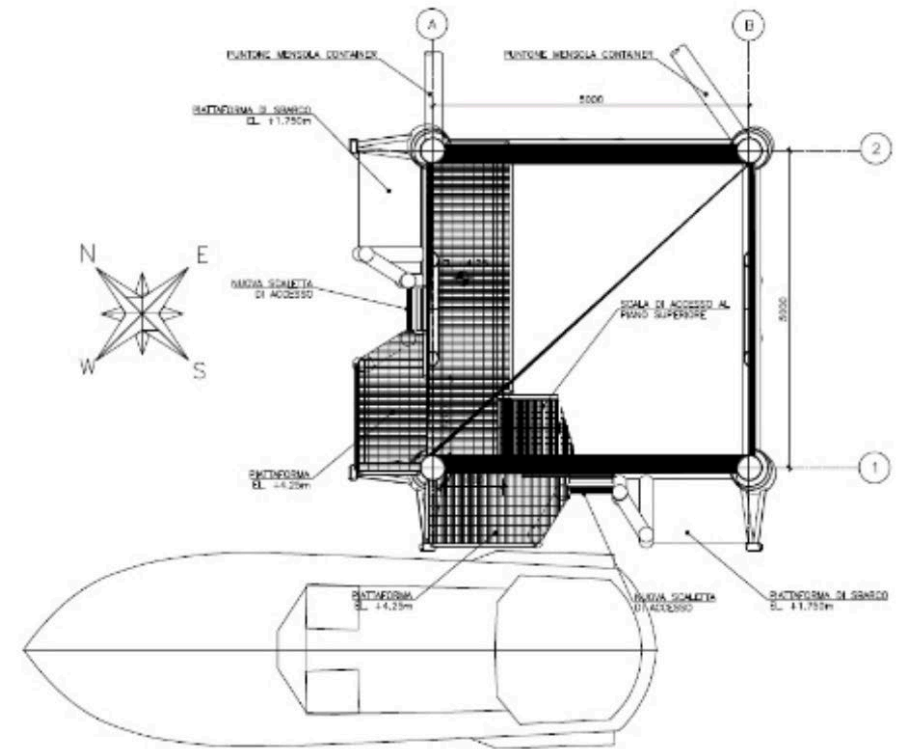
Mooring

Rules

- Always follow the captain instructions
- Leave your luggage on the boat. It will be transferred on the tower by the sailors after you



SW Mooring

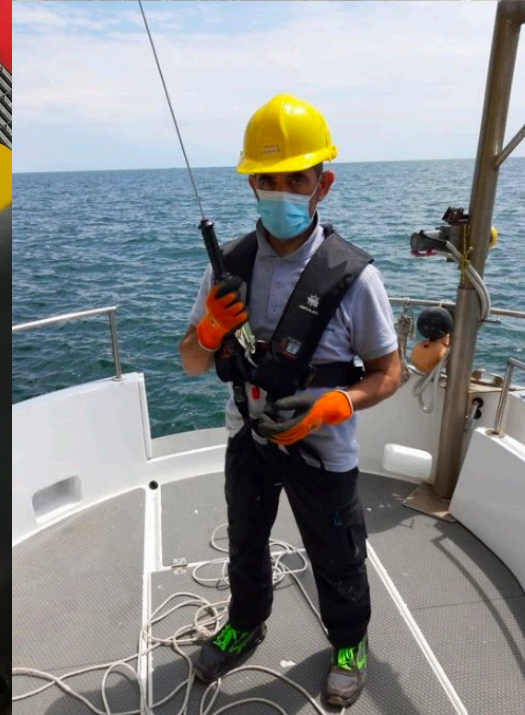


NW Mooring

Leaving the boat for the AAOT

Rules

- Always **follow the captain instructions**
- **Leave your luggage** on the boat. It will be transferred on the tower by the sailors after you
- Once moored, the sailors will provide you with an **inflatable life jacket**, which anyone is required to wear before climbing the AAOT stairs in order to be **fixed with a safety harness**. Only after wearing your life jacket attached to the safety harness you will be able to start climbing onto the platform.



Leaving the boat for the AAOT

- **Upon reaching the first level of the AAOT, the fall arrest device must be unhooked from the lifejacket** and the lifejacket can be removed to continue safely to the upper levels of the tower.
- **The same procedure shall apply for disembarking from the tower**, i.e. putting on the lifejacket as soon as you reach the first level of the platform, attaching it to the fall arrest device and starting the descent. On the boat the fall arrest device will be released from the lifejacket.



Safety harness




In the event that, for whatever reason, one falls while ascending or descending the tower, the fall arrest device properly attached to the lifejacket will automatically activate, blocking the fall from above.



Safety equipment

Rules

- **No smoking**
- Always **wear the safety equipment** when on board the tower:

	Calzature - Livello di Protezione S3 Rif. norm.: UNI EN ISO 20345 Antiforo, sfilamento rapido e puntale in acciaio
	Elmetto - In polietilene o ABS Rif. norm.: UNI EN 397 Antiurto
	Indumenti ad alta visibilità – Gilet ad alta visibilità

- Carefully **follow the safety induction** provided by the sailors onboard. This will provide you the basic information regarding emergency procedures to be followed on board the AAOT.
- **Carefully read the emergency management plan** reporting the instructions that each person accessing the AAOT shall follow in case of emergency, and in particular in case of fire, abandonment of the tower, man overboard and finally in case of pollution. A copy of this document is available on board the AAOT at each deck in visible position.
- **Carefully check the safety and emergency signs.**

Emergency plan



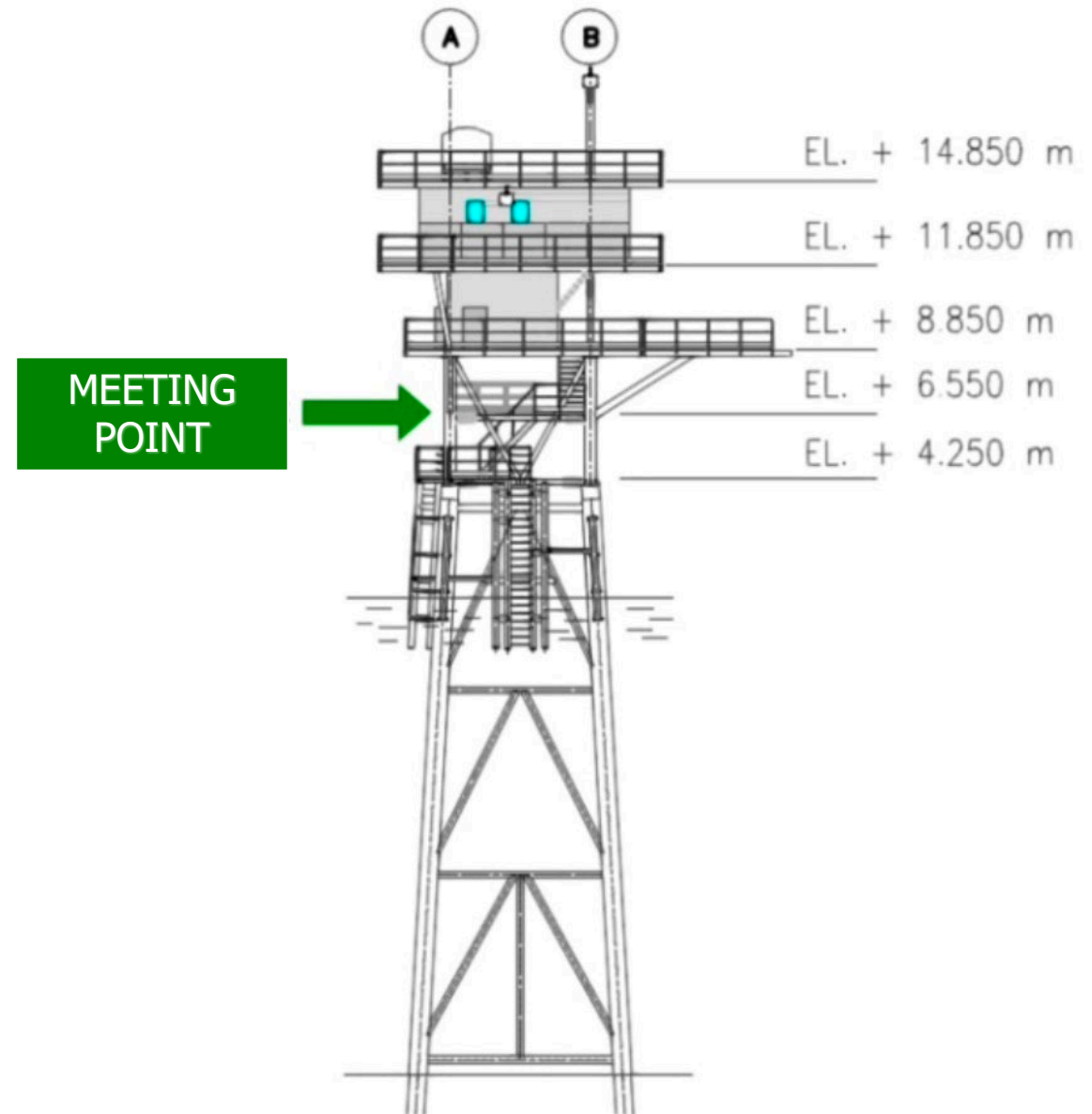
RUOLO DI APPELLO DELLA PIATTAFORMA "ACQUA ALTA"

idno (ref)	EMERGENZE / EMERGENCES			ASSONDIRIO IARE (Acron: IAR)
	UOMO AMARE (Man over board)	INCENDIO SU MARE (fire on board)	INQUINAMENTO DA IDROCARBURI (fuel pollution)	
CONCO LEADER	<p>PONTE MODULO ALOSSI CON VHF – LANCIO SALVAGENTE AMARE CON BOCCA – RECUPERO UOMO AMARE – DIREZIONE GENERALE – COMITATALE AUTORITA' LOCALI – COMITATALE COMPAGNIA</p> <p><i>On the accommodation module deck equipped with VHF – Throw overboard the life ring with light – Rescue the man overboard – General leader – Notify the local Authority – Notify the Company.</i></p>	<p>ANNUNCIA AI PRESENTI SULLA PIATTAFORMA L'INCENDIO – DIRIGE E PROMUOVE ALLE OPERAZIONI ANTINCENDIO – ISTRUISCE LA DISPOSIZIONE DEL PERSONALE CON COMITATALE AUTORITA' LOCALI – COMITATALE COMPAGNIA</p> <p><i>To warn all persons on platform about fire – General leader and coordinator for extinguishing the fire – Instruct the ORR personnel on their duties – Notify the local Authority – Notify the Company.</i></p>	<p>ANNUNCIA AI PRESENTI SULLA PIATTAFORMA L'INQUINAMENTO – CHIUDE TUTTE LE VALVOLE DEL SERBATOIO PRINCIPALE GASOLIO E DEI SERBATOI GENERATORI – ISTRUISCE LA DISPOSIZIONE DEL PERSONALE CON COMITATALE AUTORITA' LOCALI – COMITATALE COMPAGNIA</p> <p><i>To warn all persons on platform about fuel pollution – Close all fuel tank valves of main fuel tank and generate fuel tank – General leader and coordinator for the fuel pollution – Instruct the ORR personnel on their duty – Notify the local Authority – Notify the Company.</i></p>	<p>ANNUNCIA AI PRESENTI L'ABANDONO DELLA PIATTAFORMA – EFFETTUA CONTEGGIO PERSONE PRESENTI PRIMA DELL'ABANDONO – DIRIGE LE OPERAZIONI PER L'IMBARCO DEL PERSONALE ORR SUL LITUS OMBRO SE MANCANTE SULLA ZATTERA AUTOCOMETABILE – SE IMBARCATI SUL LITUS ASSUME IL COMANDO DI CAPITANO DELLA STESSA – SE IMBARCATI SULLA ZATTERA DIVENTA CAPO ZATTERA – IN ENTRAAMBI I CASI IMBARCAVERA ULTIMO ARRANGE TO ALL present the abandon of the platform – Roll call out – General leader and coordinator for the embarkation of ORR personnel on litus or on lifeboats – if embarking on LITUS the Captain of the bitter take the command of the operations – if embarking on lifeboat the is Real's Commander – In both scenario he is the last to abandon the platform.</p>
CONCO	<p>IN ASSISTENZA AL TEAM LEADER se a bordo – In assisting to Team Leader nr. 1 if onboard</p>	<p>IN ASSISTENZA AL TEAM LEADER se a bordo – In assisting to Team Leader if onboard</p>	<p>IN ASSISTENZA AL TEAM LEADER se a bordo – In assisting to Team Leader if onboard</p>	<p>IN ASSISTENZA AL TEAM LEADER se a bordo – In assisting to Team Leader if onboard</p>
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CONCO PERSONEL	<p>NEL MODULO ALOSSI A DISPOSIZIONE DEL TEAM LEADER – In the accommodation module at disposal of Team leader</p>	<p>SI DIRIGE AL PUNTO DI RINUNIONE CON SALVAGENTE INDOSSATO IN ATTESA DI ISTRUZIONI DA PARTE DEL TEAM LEADER – Procedure to Master station during life jacket and waiting Team Leader instructions</p>	<p>NEL MODULO ALOSSI A DISPOSIZIONE DEL TEAM LEADER – In the accommodation module at disposal of Team leader</p>	<p>SI DIRIGE AL PUNTO DI RINUNIONE CON SALVAGENTE INDOSSATO IN ATTESA DI ISTRUZIONI DA PARTE DEL TEAM LEADER – Procedure to Master station during life jacket and waiting Team leader instructions</p>

Emergency management

Rules

- In any case of emergency **you must proceed to the assembly point wearing a life jacket**; each person must proceed to the assembly point in an orderly manner by the shortest route and as quickly as possible.
- When leaving the platform, wear additional warm clothing and a waterproof windbreaker, where possible.
- Collect, where possible/available, additional drinking water in plastic containers, food, torches, blankets, etc.
- **UNDER NO CIRCUMSTANCES should you leave the assembly point without authorisation from maritime personnel.**
- **LEAVE all personal belongings** e.g. suitcases, handbags, computers, laptops etc. in the accommodation module or laboratories if leaving the Platform.



Emergency signs and equipment



On board the AAOT: outside



On board the AAOT: inside





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Thank you



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