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## ***GWO - Global Wind Organization - Sea Survival***

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**Purpose:**

To give participants involved in the wind turbine industry the knowledge and skills that will enable them to safely act and carry out the right preventive measures in connection with all offshore activities, i.e., from land to installation vessels/WTGs or vice versa. This applies to the management of both normal and emergency situations in an offshore wind turbine environment. In general, the course provides participants with basic knowledge and skills to enable them to work safely in the wind turbine industry. As such, the course meets the requirements for new employees and the handling of emergency situations in the wind turbine industry.

**Aim:**

Through theoretical and practical exercises this module ensures that participants will be able to:

- Demonstrate knowledge about the hazards and symptoms of hypothermia and drowning
- Show an understanding of the advantages and limitations of various types of LSAs, PPEs and PFPEs that are generally used in the offshore wind turbine industry and that participants can wear them and pack them correctly
- Demonstrate safe transfers from vessels to docks, vessels to foundations and from vessel-to-vessel
- Demonstrate familiarity with emergency and safety procedures on installations, vessels and WTGs
- Demonstrate familiarity with SAR and GMDSS
- Carry out rescues and first aid in connection with ‘man overboard’ situations
- Execute evacuations from WTGs at sea with the assistance of a ‘constant rate descender
- Demonstrate individual and joint survival techniques at sea

Prerequisites: Filled in Medical Assessment schema before course starts.

Duration: 1½ day



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## **Program for GWO - Global Wind Organization - Sea Survival**

### **Day 1:**

0800 - 0815 Theory	Introduction 1.1 Safety instructions and emergency procedures 1.2 Facilities 1.3 Introduction 1.4 Scope and main objectives 1.5 On-going assessment (Control measures) 1.6 Motivation
0815 - 0835 Theory	Legislation 2.1 Global legislation 2.2 National legislation
0835 - 0910 Theory	Exposure, Hypothermia and Drowning 3.1 Exposure 3.2 Hyperthermia 3.3 Drowning
0910 - 0945 Theory	Life Saving Appliances and PPE 4.1 Personal LSA and PPE 4.2 Collective LSA
0945 - 1000 Coffee	Coffee
1000 - 1040 Theory	Safe transfer 5.1 Hazards 5.2 Transfer vessels 5.3 Safe transfer from dock to vessel 5.4 Safety introduction on board 5.5 Safe transfer from vessel to WTG
1040 - 1105 Theory	Installations, vessels and WTG 6.1 Contingency plans
1105 - 1120 Theory	Man over board 7.1 Man over board
1120 - 1135 Theory	SAR and GMDSS 8.1 SAR 8.2 GMDSS



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1135 - 1210 Lunch	Lunch
1210 - 1530 Practical	Sea Survival practical
	9.1 LSA & PPE
	9.2 Sea Survival techniques
	9.3 Emergency descent
	9.4 Life raft
	9.5 Helicopter rescue
	9.6 Summary to exercises

Day 2:

0800 - 1110 Practical	Transfer practical
	10.1 Dock to vessel
	10.2 Vessel to WTG
	10.3 Man over board
1110 - 1130 Theory	Evaluation
	11.1 Summary
	11.2 Evaluation
	11.3 Certificates