

### **Outline of Taiwanese Marine Crew Training Program**

**Participate in training and accumulate operational experiences on world-class ships with experienced International crew members in the Offshore Wind Industry!**

To enhance the knowledge and experience in the Offshore Wind Industry among Taiwanese Seafarers, Heerema Marine Contractors (HMC) intends to recruit four local (Taiwan) interns to expand their knowledge, practical skills, learn the fundamentals of the construction of Offshore Wind farms and to accumulate operational experiences onboard of the Vessel Yamato.

Training programs are now open for registration.

#### **1.1 Training items**

HMC is committed to enhancing skills and knowledge of local (Taiwan) Seafarers/Students through the provision of relevant and effective trainings on the following topics;

- a) Safety principles
- b) Life Saving rules
- c) Emergency response and Risk Management
- d) System principles, operations & maintenance
- e) Fundamentals of the Offshore Wind & Dredging Industry

#### **1.2 Training methods**

The participant(s) will receive trainings by means of online e-learning, lecturing, third-party training courses, mentoring by in-service crew during an onboard apprenticeship.

#### **1.3 Program & Schedule**

HMC offers two tailor-made training programs for the following disciplines;

- 1 3<sup>rd</sup> Officer / DP Operator
- 2 Deck rating / Able Seaman

For a detailed outline of the individual training programs, see appendix A.

#### **1.4 Entry Requirements**

To be accepted you'll need to have the following minimum entry qualifications;

- Age of 18 years or older.
- Seafarer Medical Certificate
- Seaman's Book

## Training Program Proposal

---

- TOEIC score of 700 or above or other equivalent English test certificate (including listening, reading, writing and speaking).
- Certificate of Competence (3<sup>rd</sup> Officer / DP operator, only)
- All seafarer qualifications and trainings must comply fully with the provisions of the International Convention on Standards of Training, Certification and Watch keeping for Seafarers (STCW)'10.

### **1.5 Compensation & Welfare**

- a) The salary will be in accordance with the trainee's qualifications & experience.
- b) Welfare will be in accordance with the provisions of the Taiwanese Seafarers act.

### **1.6 Working location**

- a) Onshore trainings: Taiwan and Foreign Training centres
- b) Offshore trainings: Onboard Vessel Yamato, at the Changhua SE Offshore Windfarm (CHW01) and SW Offshore Windfarm 's (CHW02) construction sites.

### **1.7 How to apply**

If you wish to enrol on any of the offered training programs and you meet the necessary entry requirements, please send your complete Curriculum Vitae and motivation to: Ms. Li (cli@hmc-heerema.com).

# Training Program Proposal

## Appendix A - Outline Training programs

### Training Program - 3<sup>rd</sup> Officer / DPO Operator

Training Item	Training duration	Training method	Outline of Training
<b>General Safety Introduction Course</b>	0,5 day	E-Learning module;	<p>Training on;</p> <ul style="list-style-type: none"> <li>- General Introduction</li> <li>- Life saving rules</li> <li>- Safety principles</li> <li>- Risk Management</li> </ul> <p>After completing the e-learning module the participants have to do an online test. Participants have to pass the test to receive the certificate.</p>
<b>Introduction of the Offshore Wind Industry</b>	2hrs	Lecture	Introduction on the Fundamentals of the Offshore Wind Industry
<b>Introduction to the vessels</b>	2hrs	Lecture	Familiarisation with the vessel and its Operations
<b>GWO Basic Safety Training</b>	5 days	Third-party training courses	<p>Training on;</p> <p>First Aid, Manual Handling, Fire Awareness, Working at Heights and Sea Survival.</p>
<b>Dynamic Positioning Basic Course</b>	4 days	Third-party training courses	<p>Training on theoretical knowledge of Dynamic Positioning systems</p> <ul style="list-style-type: none"> <li>- learn to work with a DPT system</li> <li>- know the components of a DPT system</li> <li>- understand what you can do with a DPT system</li> </ul>
<b>Onboard apprenticeship</b>	1 month	Mentoring by in-service crew	Accumulate operational experiences for 30 days keeping the watch on board with DP under the Captain's supervision.
<b>Dynamic Positioning Advanced Course</b>	4 days	Third-party training courses	<p>Training on;</p> <ul style="list-style-type: none"> <li>- learn how to plan DP operations</li> <li>- understand DP-related watch-keeping</li> <li>- learn to process DP information</li> <li>- learn to cope with DP malfunctions during DP operations</li> </ul>

## Training Program Proposal

### Training Program - Deck rating / Able Seaman

Training Item	Training duration	Training method	Outline of Training
<b>General Safety Introduction Course</b>	0,5 day	E-Learning module;	<p>Training on;</p> <ul style="list-style-type: none"> <li>- General Introduction</li> <li>- Life saving rules</li> <li>- Safety principles</li> <li>- Risk Management</li> </ul> <p>After completing the e-learning module the participants have to do an online test. Participants have to pass the test to receive the certificate.</p>
<b>Introduction of the Offshore Wind Industry</b>	2hrs	Lecture	Introduction on the Fundamentals of the Offshore Wind Industry
<b>Introduction to the vessels</b>	2hrs	Lecture	Familiarisation with the vessel and its Operations
<b>GWO Basic Safety Training</b>	5 days	Third-party training courses	<p>Training on;</p> <p>First Aid, Manual Handling, Fire Awareness, Working at Heights and Sea Survival.</p>
<b>Rigging &amp; Slinging</b>	1 day	Third-party training courses	<p>Training on Law and regulation</p> <ul style="list-style-type: none"> <li>- Load, test load, breaking strength, use factor, lifting tool</li> <li>- Certificates Lifting Equipment</li> <li>- Rejection criteria</li> <li>- Personal Protective Equipment</li> <li>- Mass Measurement</li> <li>- How to work with radiotelephone and arm signals</li> <li>- Working at height</li> </ul>
<b>Onboard apprenticeship</b>	1 month	Mentoring by in-service crew	Familiarization with deck facilities, systems & operations, precautions, the meaning of labels, responsive measures as well as accumulate operational experiences.

## 荷蘭商賀瑞瑪海事工程公司

### 徵求實習生公告 - 離岸風電工作船。

前進離岸風電產業與經驗豐富之國際船員一同參與世界級船舶之培訓並累積操作經驗！

為了增進本國籍船員對於離岸風電產業之知識與經驗，荷蘭商賀瑞瑪海事工程公司（HMC）擬招聘數名本地(台灣)實習生，至工作船 Yamato 輪，以拓展相關知識、實踐技能、施工基礎並在累積船上操作經驗。

培訓計畫現已開放提供註冊

#### 1. 培訓項目

HMC 致力於通過提供以下主題之相關有效培訓，提高本地（臺灣）船員之技能與知識；

- a) 安全原則
- b) 救生規則
- c) 緊急應變和風險管理
- d) 系統原理、操作和維護
- e) 離岸風電行業基礎知識

#### 2. 培訓方法

學員將通過線上學習、講座、第三方培訓課程、在職船員指導和船上實習等方式接受培訓。

#### 3. 培訓計畫

HMC 提供 2 個量身打造的培訓計劃予以下職位：

- 1 三副/動力定位操作員(DPO)
- 2 甲板工作人員/一等水手

有關各別培訓計畫之詳細描述，請參照附件 A

#### 4. 入選要求

徵選者須具備以下最低入選資格要求：

- 須年滿 18 歲以上
- 船員體檢報告
- 船員手冊

## Training Program Proposal

---

- 多益分數 700 分以上，或其他同等之英文測驗證明(包含聽說讀寫等項目)
- CoC 適任證明(三副職級 或 動力定位證照)
- 所有海員證照與適任證明予訓練皆須符合 STCW10 之規範予要求

### 5. 工資與福利

- 工資將根據學員之資格和經驗而定
- 福利將符合台灣船員法之規定

### 6. 工作地點

- a) 岸上訓練：台灣本地與國外訓練機構
- b) 離岸訓練：工作船 Yamato 輪上，船舶地點位於大彰化東南離岸風電場(CHW01)或西南離岸風電場(CHW02)施工現場

### 7. 應徵方式

如果您想報名參加任何培訓計畫，且您資格符合入選要求，請將完整的簡歷與徵選動機寄到：李小姐信箱 ([cli@hmc-heerema.com](mailto:cli@hmc-heerema.com))。

## 附錄 A ~ 培訓計畫大綱

## 培訓計畫 - 三副/船舶動力定位系統操作員(DPO)

培訓項目	培訓時長	培訓方法	培訓大綱
一般安全入門課程	0.5 天	線上學習模 組	培訓內容： - 概述 - 救生規則 - 安全原則 - 風險管理 完成線上學習模組後，學員須進行線上測試。學 院必須通過考試才能拿到證書。
離岸風電產業介紹	2 小時	講座	離岸風電產業基礎介紹講座
船隻簡介	2 小時	講座	熟悉船舶及其運作
GWO 基本安全培訓	5 天	第三方培訓 課程	培訓內容： 急救、人工操作、消防意識、高空作業和海上救 生。
動力定位基礎課程	4 天	第三方培訓 課程	動力定位系統理論知識培訓 - 學習使用 DPT 系統 - 瞭解 DPT 系統的組成部分 - 瞭解 DPT 系統的功能
船上實習	1 個月	在職船員指 導	在船長的監督下與 DP 值班 30 天，積累操作經驗
動力定位高級課程	4 天	第三方培訓 課程	培訓內容： - 學習如何計劃 DP 操作 - 瞭解 DP 相關值班 - 學習處理 DP 信息 - 學習 DP 操作過程中的 DP 故障處理

## 培訓計畫 - 甲板工作人員/一等水手

培訓項目	培訓時長	培訓方法	培訓大綱
一般安全入門課程	0.5 天	線上學習模組	培訓內容： <ul style="list-style-type: none"> <li>- 概述</li> <li>- 救生規則</li> <li>- 安全原則</li> <li>- 風險管理</li> </ul> 完成線上學習模組後，學員須進行線上測試。學院必須通過考試才能拿到證書。
離岸風電產業介紹	2 小時	講座	離岸風電產業基礎介紹講座
船隻簡介	2 小時	講座	熟悉船舶及其運作
GWO 基本安全培訓	5 天	第三方培訓課程	培訓內容： <ul style="list-style-type: none"> <li>- 急救、人工操作、消防意識、高空作業和海上救生。</li> </ul>
索具和吊具	1 天	第三方培訓課程	法律法規培訓 <ul style="list-style-type: none"> <li>- 載荷、試驗載荷、斷裂強度、使用係數、起重工具</li> <li>- 起重設備證書</li> <li>- 拒收標準</li> <li>- 個人防護裝備</li> <li>- 質量測量</li> <li>- 如何使用無線電話和手勢信號</li> <li>- 高空作業</li> </ul>
船上實習	1 個月	在職船員指導	熟悉甲板設施、系統和操作、注意事項、標籤含義、應變措施，積累操作經驗。