

# **M/V WAKASHIO**

**Serious Incident of grounding and oil spill in Mauritius**

**MOL's efforts to fulfil our Social Responsibility  
as the Time Charterer of the Vessel**

9<sup>th</sup> October, 2020  
Mitsui O.S.K. Lines, Ltd

## **M/V WAKASHIO**

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- 1. Vessel / Owner / Time Charterer**
- 2. Time Sequence**
- 3. Our Action**

# 1. Vessel / Owner / Time Charterer

## Vessel

- Name: M/V WAKASHIO (Capesize Bulker)
- LOA / Beam / Flag / Built: 299.5m / 50m / Panama / 2007
- Owner: OKIYO MARITIME (Subsidiary of Nagashiki Shipping)  
Ship Manager: Nagashiki Shipping

## Owner

- Name: Nagashiki Shipping Co., Ltd.
- Foundation: July, 1958
- Owned Vessels: Bulker 6, Container 2, Tanker 3

## Time Charterer

- Name: Mitsui O.S.K. Lines, Ltd. (MOL)
- Foundation: May, 1884



Nagashiki Shipping HP

### **Contract for this voyage**

The MV Wakashio was heading to Brazil to load Iron Ore (no cargo onboard) without a voyage contract.

## 2. Time Sequence

### Movement of the vessel up until oil leak

- Jul. 4<sup>th</sup>: Departure from China (port of discharge for the previous voyage)
- Jul. 25<sup>th</sup>: Grounding offshore at Mauritius
- Jul. 31<sup>st</sup>: Salvager designated by the Owners arrives at the location
- Aug. 6<sup>th</sup>: During salvage process, the starboard side bunker tank of the vessel breaches and approx. 1,000MT of fuel oil escapes into the sea

### Actions

- Aug. 9<sup>th</sup>: Joint press conference (Owners & MOL) held
- Aug. 12<sup>th</sup>: Almost all of the oil remaining onboard, except for the 1,000MT which had leaked out, has been recovered from the vessel
- Aug. 15<sup>th</sup>: A crack in the cargo hold No. 8 to the stern side had progressed, causing the vessel to break
- Aug. 19<sup>th</sup>: Forward part of the hull has been towed to the designated position
- Aug. 24<sup>th</sup>: Forward half of the vessel has sank

### Current situation

- The hull : Salvage experts appointed by the Owners are in close dialogue with the local Authorities for the safe removal of the stern part of the hull.
- Spilled Oil : Specialists designated by the Owners and local volunteers continue to work on removing the remaining oil on the sea surface and the coastal areas.



### Time series from grounding to oil leak (2 weeks)

From the day of the grounding, the Owner had given top priority to the rescue of the ship and its crew and the prevention of oil spills. However, a combination of isolation measures, bad weather, and activity limitations due to COVID-19 made it difficult to complete a rescue in conditions where the ship was undergoing continual deterioration.

### 3. MOL's Action

#### Initial Response

##### 1. Dispatch of a team to the site

On August 12<sup>th</sup>, 6 members from MOL and 2 members from the Owner arrived at the site for the purpose of cooperating with the authorities to collect information in order to prevent the spread of the oil spill, and supporting the oil spill recovery activities.

Since then, we have sent further members to the site and have continued activities such as coordinating with the Mauritius Government, meeting with people in the local community and various NGOs in order to understand the local requirements.

##### 2. Procurement & logistics of supporting equipment

We have sent equipment\* for cleaning up the leaked oils, and dispatched a MOL Group employee specialist for the purpose of managing the logistics and inventory of the support equipment.

\*Oil absorbent/adsorbent, PPE (Personal Protective Equipment), face masks, etc.



Meetings with Local related parties  
(Left back: MOL Staff)



Meeting with Vice president of Mauritius & Secretary of NDRMC\*  
(Front left: MOL staff)

\*National Disaster Risk Reduction and Management Centre

## **3. MOL's Action**

### **Long term contributions**

In order to meet the local needs and fulfil our Social Responsibility as the Time Charterer of the WAKASHIO, on September 11<sup>th</sup>, MOL announced the below initiatives aiming for the recovery of Environmental Damage from the incident, and to contribute to the Mauritian Community.

- 1. Protecting and restoring the natural environment**
- 2. Financial contributions to local NGOs, the government of Mauritius, and funds from the international public organisations**
- 3. Personnel contribution**
- 4. Contributions to the community and industries**

# 1. Protecting and restoring the natural environment

## ( 1 ) Mangrove protection / nurturing project

- Cleaning mangrove forests without damaging the ecology
- Conservation of biodiversity living around mangrove forest
- Mangrove planting

Cooperation : Japan Society of Mangroves, University of Mauritius



Photo of local mangroves taken by MOL employee at the site

## 1-2. Protecting and restoring the natural environment

### ( 2 ) Coral reef recovery project

- Immediate nurturing of coral reef using cutting-edge technologies including artificial intelligence (AI)
- Support coral farming activities in underwater coral shelves
- Use of the latest technology to protect coral reefs from mud suspended in seawater



Image of coral planting in Mauritius  
(Pointe aux Feuilles)



Image of coral planting (Innoqua Inc.)



Cooperation: Innoqua Inc., University of Mauritius, Albion Fisheries Research Center, EcoMode Society

## **1-3. Protecting and restoring the natural environment)**

### **( 3 ) Protecting seabirds and conducting research on rare species of seabirds**

- Protection of seabirds and support research related to the protection of rare species



Pink Pigeon



Echo Parakeet

### **( 4 ) Establishment of the Mauritius Natural Environment Recovery Fund**

#### **(Tentative name)**

- Founded with the objectives of carrying out items (1)-(3) above
- As the founder, MOL plans to contribute about a total of 800 million Japanese Yen over several years
- The fund is planned to be open to public including companies and individuals. (Nagashiki as the Owner of Wakashio has expressed intention to join the fund)

Operational support : The Japan Research Institute, Limited

## **2. Financial contribution to local NGOs, the government of Mauritius, and funds from the international public organizations**

MOL will make donations to several local NGOs (Note 1) and contribute to funds (Note 2) established by public agencies such as those related to the government of Mauritius and the United Nations (UN). It plans to contribute a total of about 100 million Japanese Yen.

(Note 1)

NGOs such as the Mauritian Wildlife Foundation, Ecomode Society, Reef Conservation, which the MOL team dispatched to the site has contacted and has supported. MOL may develop long-term cooperative relationship with some of the NGOs involved in projects as per (1) in page 3.

(Note 2)

The funds include those supporting Mauritius-based groups and support organizations (The Fishermen's Welfare Fund, Mauritius Oceanography Institute, etc.) related to the fisheries industry.

### **3. Personnel Contribution**

#### **( 1 ) Continue to dispatch MOL employee to the site**

- Following the first and second groups (13 employees in total), which are now on site, MOL plans to dispatch a third group to replace the first group, which is scheduled to return to Japan in mid-September.

#### **( 2 ) Establishment of the Mauritius Representative Office**

- MOL will establish an office in October, with the objectives of mid- and long-term cooperation and support for local communities and other concerned authorities in Mauritius

#### **( 3 ) Employee Training**

- To select several employees globally and conduct employee training in Mauritius every year to deepen the understanding of marine pollution prevention and nature environment conservation and contribute to local communities.



MOL's delegation leader and the  
Special Mobile Force  
(Delivery of supply equipment)

## **4. Contribution to the community and industries**

### **( 1 ) Contribution to fisheries and marine product industries**

- To make various plans to support the development of fisheries based on local needs
- One of the plans is to donate a reefer container, which was a local inquiry to support the supply chain of refrigerated goods. (To be arrived at site on September 11)



Reefer container  
to be delivered

### **( 2 ) Contribution to tourism industry**

- MOL plans a cruise trip by Mitsui O.S.K. Passenger Line Ltd.'s Nippon Maru from Japan to ports in Mauritius, tentatively scheduled for 2022.



Port Luis (Mauritius)

# Plan of Restoring the Natural Environment & Contribution to the society (4 Pillars)



