

# **A MIMA PUBLICATION**

**Vivian L Forbes & Mohd Nizam Basiron**

# Contents

Title Page  
Foreword  
About MIMA  
About the Atlas  
Acknowledgments  
List of Contents  
List of Illustrations

## List of Contents

### PART ONE

Mapping Marine Resources  
Defining Maritime Jurisdictional Limits and Space  
Malaysia's Legal Continental Margin  
Coastline of Malaysia

### PART TWO

#### Maritime Jurisdictional Limits: Commentary and Maps

Location Index  
Malaysia's Actual and Potential Maritime Boundaries  
Maritime Limits in the vicinity of Pulau Langkawi  
Maritime Limits in the Northern sector of Malacca Strait  
Maritime Limits in the Southern sector of Malacca Strait  
Maritime Limits in the Western Approaches to the Straits of Singapore  
Maritime Limits in Straits of Johor and Singapore  
Maritime Limits in the Eastern Approaches to the Straits of Singapore  
Maritime Limits off Peninsular Malaysia in the South-western sector of the South China Sea  
Maritime Limits off Peninsular Malaysia in the North-western sector of the South China Sea  
Delimitation of an Agreed Common Area and a Joint Development Area  
Maritime Limits south of Vanguard Bank, South China Sea  
Maritime Limits in the vicinity of the Southern Spratly Archipelago  
Maritime Limits off the coasts of Brunei, Sabah and Sarawak  
Maritime Limits off the coast Sarawak (western region)  
Maritime Limits in Balabac Strait  
Maritime Limits off the East coast of Sabah

### PART THREE

#### Geographical Setting and Ocean Basin Environment : Commentary and Maps

Satellite Image of the Sunda Shelf and Adjacent Seas  
Limiting Lines of the Seas and Straits Adjacent to Malaysia  
Seabed Type  
Coastal Types in Peninsular Malaysia, Sabah and Sarawak  
Predominant Wind Pattern and Airflow over Malaysia  
Prevailing Wind pattern: February and August  
Sea-surface Temperature: January  
Sea-surface Temperature: July  
Barometric Pressure: January  
Barometric Pressure: July  
Sea-surface Ocean Currents: January  
Sea-surface Ocean Currents: July  
Wind Roses for Coastal Stations: Peninsular Malaysia  
Wind Roses for Coastal stations: Sabah and Sarawak  
Tidal regime Along the Malaysian Littoral Zone  
Highest and Lowest Tidal Levels at Standard Ports

### PART FOUR

#### Traffic Monitoring and Maritime Safety: Commentary and Maps

Air Traffic System in Malaysian and Adjacent Waters  
Flight Paths and Major Airports of Malaysia  
Defined Corridors for Malaysian-Flagged Ships within  
Indonesia's Archipelagic Waters  
Submarine cables for Domestic and International Transmission  
Marine Electronic Highway and VTIS  
Malacca Strait: Average Daily Traffic Density  
Safety to Navigation in the Malacca Strait  
Maritime Districts of the MMEA

### PART FIVE

#### Marine parks, Protected Zones and Marine Resources: Commentary and Maps

Protected Zone around Johor Islands (Groups One and Two)  
Protected Zones around Pulau Perhentian Group and Pulau  
Seri Buat and Pulau Sembilang  
Protected Zones around Pulau Payar Group and Pulau Tioman Group  
Protected Zone around Pulau Redang Group; Marine Park in Labuan Group  
Area of Concern: Threat of Pollution to Coastal zone

Tracking Oil-slick Transcending International Boundaries  
 Sewage Discharge and Biochemical Oxygen Demand (2000 - 2005)  
 Vulnerable Marine Ecosystems Seagrass Bed  
 Vulnerable Marine Ecosystems- Mangrove Forest and Coral Islands  
 Commercial Fishing Ports and Fishery Infrastructure  
 Known Turtle Nesting Sites  
 Offshore Exploration Tenement Blocks: Peninsula Malaysia  
 Offshore Exploration Tenement Blocks: Sabah and Sarawak  
 Tenement Holders and Operators  
 Joint Development Area: Malaysia and Thailand  
 Tectonic Structure of Seabed Offshore Sabah and Sarawak  
 Schematic Portrayals of Lateral and Vertical Maritime Jurisdictional Zones

## **PART SIX**

### **Major Commercial Ports of Malaysia, Sea lanes : Commentary and Maps**

Ports of Telok Ewa and Langkawi (Kuah Port)  
 Butterworth Deep-water Wharves and Pinang Port  
 The Three Ports of Klang  
 Port Klang South Port  
 Port Klang North Port and Port Klang West Port  
 Tanjong Bruas and Anchorage, Malacca  
 Pasir Gudang, Johor  
 Kuantan Port; Kuching Port- Pending Centre; Biawak Centre  
 Kemaman Port, Kota Kinabalu Port  
 Bintulu Port and Bintulu Fishing Port  
 Labuan Port  
 Port of Tanjong Pelepas, Johor  
 Prescribed Sea lanes to Ports of Sabah  
 Indonesia's Archipelagic Baselines (revised in 2002) and Archipelagic Sea Lanes

## **List of Illustrations**

1	Kelantan map extract	RF 1: 190,080
2	Sungai Pulai map extract	RF 1: 63,360
3	BA Chart 1781 extract	RF 1: 25 000
4	MAL Chart 515 extract	RF 1: 200 000
5	VTC Darwin extract	RF 1: 250 000
6	Semerah map extract	RF 1: 25 000
7	Maritime boundaries between States with opposing coastlines	
8	Jurisdictional Limits of a Coastal State	
9	Straight base line system	
10	Variations of bay-closing lines	
11	Determining a maritime boundary between States	

with adjacent coastlines.

12	A diagrammatic profile of the seabed
13	Geomorphic and Geologic margins
14	Determining the outer limit of the Legal Continental shelf

## **PART SEVEN**

### **Glossary of Malay Words**

## **PART 8**

### **Plates**

## **PART NINE**

### **Appendices**

Appendix I	Articles of the 1982 Convention Pertaining to International Jurisdictional Maritime Limits
Appendix II	Primary Documents Relating to Maritime Boundary Delimitation
Appendix III	Maritime Heritage and Cession of Territory
Appendix IV	Malaysia as Party to Conventions and Treaties
Appendix V	Vessel Traffic Information System in the Straits of Malacca and Singapore
Appendix VI	Oil Spills: Contingency Plans and Events off the Malaysian coast

## **Bibliography**

### **About the Authors**