

Asia Pacific Unmanned Maritime Vehicles (UMVs) Market 2022-2032 by Vehicle Type (UUVs, USVs, Others), Control Type (Remotely Operated, Autonomous), Propulsion (Diesel/Gasoline, Hybrid, Electric, Others), Application (Commercial, Scientific Research, Defense & Security), and Country: Trend Forecast and Growth Opportunity

<https://marketpublishers.com/r/A2660F06891EEN.html>

Date: September 2023

Pages: 138

Price: US\$ 2,541.00 (Single User License)

ID: A2660F06891EEN

Abstracts

Asia Pacific unmanned maritime vehicles (UMVs) market will grow by 12.2% annually with a total addressable market cap of \$23.52 billion over 2023-2032, driven by the increasing need for autonomous underwater and remotely operated vehicles (AUVs/ROVs), extensive investments by governments in defense forces, and the widespread uptake of autonomous marine vehicles in various applications.

Highlighted with 36 tables and 45 figures, this 138-page report “Asia Pacific Unmanned Maritime Vehicles (UMVs) Market 2022-2032 by Vehicle Type (UUVs, USVs, Others), Control Type (Remotely Operated, Autonomous), Propulsion (Diesel/Gasoline, Hybrid, Electric, Others), Application (Commercial, Scientific Research, Defense & Security), and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire Asia Pacific unmanned maritime vehicles (UMVs) market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2020-2022 and provides forecast from 2023 till 2032 with 2022 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year, and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of Asia Pacific market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify Asia Pacific unmanned maritime vehicles (UMVs) market in every aspect of the classification from perspectives of Vehicle Type, Control Type, Propulsion, Application, and Country.

Based on Vehicle Type, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

UUVs

ROVs

AUVs

USVs

Other UMVs

Based on Control Type, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Remotely Operated UMVs

Autonomous UUVs

By Propulsion, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Diesel/Gasoline Systems

Hybrid Systems

Electric Systems

Other Propulsion Systems

By Application, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Commercial (further split by ROVs, AUVs, USVs and Other UUVs)

Scientific Research (further split by ROVs, AUVs, USVs and Other UUVs)

Defense & Security (further split by ROVs, AUVs, USVs and Other UUVs)

Other Applications

Geographically, the following national/local markets are fully investigated:

Japan

China

South Korea

Australia

India

Rest of APAC (further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Taiwan, and Philippines)

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2022-2032. The breakdown of national markets by Vehicle Type, Control Type, and Application over the forecast years are also included.

The report also covers the current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

5G International Inc.

ASV Unmanned Marine Systems

Atlas Elektronik GmbH

BAE Systems plc

Boston Engineering Corporation

C-Innovation

Deep Trekker Inc.

DOF Subsea AS

ECA Group

Forum Energy Technologies

Fugro Subsea Services Ltd.

General Dynamics Mission Systems

Helix Energy Solutions

International Submarine Engineering (ISE) Ltd.

Israel Aerospace Industries Ltd.

i-Tech (Subsea 7)

iXblue

Kongsberg Gruppen ASA

Kystdesign AS

L3 Harris Technologies Inc.

Liquid Robotics

Lockheed Martin Corporation

Marine Tech SAS

Northrop Grumman Corporation

Ocean Aero, Inc.

Oceaneering International, Inc.

Ocius Technology Ltd.

Perry Slingsby Systems Limited

QinetiQ Maritime Autonomy Centre (QMAC)

Rafael Advanced Defense Systems Ltd.

SAAB SEAEYE LTD.

Saipem (Sonsub)

Schilling Robotics, LLC

SeaRobotics Corporation

Seebyte Ltd.

SimpleUnmanned, LLC.

Soil Machine Dynamics Ltd. (SMD)

Teledyne Technologies Inc.

Textron Inc.

Thales S.A.

(Please note: The report will be updated before delivery so that the latest historical year is the base year, and the forecast covers at least 5 years over the base year.)

Contents

1 INTRODUCTION 7

- 1.1 Industry Definition and Research Scope 7
 - 1.1.1 Industry Definition 7
 - 1.1.2 Research Scope 9
- 1.2 Research Methodology 12
 - 1.2.1 Overview of Market Research Methodology 12
 - 1.2.2 Market Assumption 13
 - 1.2.3 Secondary Data 13
 - 1.2.4 Primary Data 13
 - 1.2.5 Data Filtration and Model Design 14
 - 1.2.6 Market Size/Share Estimation 15
 - 1.2.7 Research Limitations 16
- 1.3 Executive Summary 17

2 MARKET OVERVIEW AND DYNAMICS 20

- 2.1 Market Size and Forecast 20
 - 2.1.1 Impact of COVID-19 on World Economy 21
 - 2.1.2 Impact of COVID-19 on the Market 24
 - 2.1.3 Impact of Russia-Ukraine Conflict: War Slows Economic Recovery 26
- 2.2 Major Growth Drivers 30
- 2.3 Market Restraints and Challenges 36
- 2.4 Emerging Opportunities and Market Trends 39
- 2.5 Porter's Fiver Forces Analysis 43

3 SEGMENTATION OF ASIA PACIFIC MARKET BY VEHICLE TYPE 47

- 3.1 Market Overview by Vehicle Type 47
- 3.2 UUVs 49
 - 3.2.1 ROVs 51
 - 3.2.2 AUVs 54
- 3.3 USVs 56
- 3.4 Other UMVs 57

4 SEGMENTATION OF ASIA PACIFIC MARKET BY CONTROL TYPE 58

4.1 Market Overview by Control Type 58

4.2 Remotely Operated UUVs 60

4.3 Autonomous UUVs 61

5 SEGMENTATION OF ASIA PACIFIC MARKET BY PROPULSION 62

5.1 Market Overview by Propulsion 62

5.2 Diesel/Gasoline Systems 64

5.3 Hybrid Systems 65

5.4 Electric Systems 66

5.5 Other Propulsion Systems 67

6 SEGMENTATION OF ASIA PACIFIC MARKET BY APPLICATION 68

6.1 Market Overview by Application 68

6.2 Commercial 70

6.3 Scientific Research 71

6.4 Defense & Security 73

6.5 Other Applications 75

7 ASIA-PACIFIC MARKET 2022-2032 BY COUNTRY 76

7.1 Overview of Asia-Pacific Market 76

7.2 Japan 79

7.3 China 82

7.4 Australia 84

7.5 India 86

7.6 South Korea 88

7.7 Rest of APAC Region 90

8 COMPETITIVE LANDSCAPE 92

8.1 Overview of Key Vendors 92

8.2 New Product Launch, Partnership, Investment, and M&A 96

8.3 Company Profiles 97

5G INTERNATIONAL INC. 97

ASV Unmanned Marine Systems 99

Atlas Elektronik GmbH	100
BAE Systems plc	101
Boston Engineering Corporation	102
C-Innovation	103
Deep Trekker Inc.	104
DOF Subsea AS	105
ECA Group	106
Forum Energy Technologies	107
Fugro Subsea Services Ltd.	108
General Dynamics Mission Systems	109
Helix Energy Solutions	110
International Submarine Engineering (ISE) Ltd.	111
Israel Aerospace Industries Ltd.	112
i-Tech (Subsea 7)	113
iXblue	114
Kongsberg Gruppen ASA	115
Kystdesign AS	116
L3 Harris Technologies Inc.	117
Liquid Robotics	118
Lockheed Martin Corporation	119
Marine Tech SAS	120
Northrop Grumman Corporation	121
Ocean Aero, Inc.	122
Oceaneering International, Inc.	123
Ocius Technology Ltd.	124
Perry Slingsby Systems Limited	125
QinetiQ Maritime Autonomy Centre (QMAC)	126
Rafael Advanced Defense Systems Ltd.	127
SAAB SEAEYE LTD.	128
Saipem (Sonsub)	129
Schilling Robotics, LLC	130
SeaRobotics Corporation	131
Seebyte Ltd.	132
SimpleUnmanned, LLC.	133
Soil Machine Dynamics Ltd. (SMD)	134
Teledyne Technologies Inc.	135
Textron Inc.	136
Thales S.A.	137
RELATED REPORTS	138

List Of Tables

LIST OF TABLES:

Table 1. Snapshot of Asia Pacific Unmanned Maritime Vehicles Market in Balanced Perspective, 2022-2032 18

Table 2. World Economic Outlook, 2021-2031 22

Table 3. World Economic Outlook, 2021-2023 23

Table 4. Scenarios for Economic Impact of Ukraine Crisis 27

Table 5. Main Product Trends and Market Opportunities in Asia Pacific Unmanned Maritime Vehicles Market 39

Table 6. Asia Pacific Unmanned Maritime Vehicles Market by Vehicle Type, 2022-2032, \$ mn 47

Table 7. Asia Pacific Unmanned Maritime Vehicles Market: UUVs by Type, 2022-2032, \$ mn 49

Table 8. Classifications of ROVs by Type 53

Table 9. Asia Pacific Unmanned Maritime Vehicles Market by Control Type, 2022-2032, \$ mn 58

Table 10. Asia Pacific Unmanned Maritime Vehicles Market by Propulsion, 2022-2032, \$ mn 62

Table 11. Asia Pacific Unmanned Maritime Vehicles Market by Application, 2022-2032, \$ mn 68

Table 12. Asia Pacific Unmanned Maritime Vehicles Market: Commercial Application by Vehicle Type, 2022-2032, \$ mn 70

Table 13. Asia Pacific Unmanned Maritime Vehicles Market: Scientific Research by Vehicle Type, 2022-2032, \$ mn 72

Table 14. Asia Pacific Unmanned Maritime Vehicles Market: Defense & Security by Vehicle Type, 2022-2032, \$ mn 74

Table 15. APAC Unmanned Maritime Vehicles Market by Country, 2022-2032, \$ mn 77

Table 16. Japan Unmanned Maritime Vehicles Market by Vehicle Type, 2022-2032, \$ mn 81

Table 17. Japan Unmanned Maritime Vehicles Market by Control Type, 2022-2032, \$ mn 81

Table 18. Japan Unmanned Maritime Vehicles Market by Application, 2022-2032, \$ mn 81

Table 19. China Unmanned Maritime Vehicles Market by Vehicle Type, 2022-2032, \$ mn 83

Table 20. China Unmanned Maritime Vehicles Market by Control Type, 2022-2032, \$ mn 83

Table 21. China Unmanned Maritime Vehicles Market by Application, 2022-2032, \$ mn	83
Table 22. Australia Unmanned Maritime Vehicles Market by Vehicle Type, 2022-2032, \$ mn	85
Table 23. Australia Unmanned Maritime Vehicles Market by Control Type, 2022-2032, \$ mn	85
Table 24. Australia Unmanned Maritime Vehicles Market by Application, 2022-2032, \$ mn	85
Table 25. India Unmanned Maritime Vehicles Market by Vehicle Type, 2022-2032, \$ mn	87
Table 26. India Unmanned Maritime Vehicles Market by Control Type, 2022-2032, \$ mn	87
Table 27. India Unmanned Maritime Vehicles Market by Application, 2022-2032, \$ mn	87
Table 28. South Korea Unmanned Maritime Vehicles Market by Vehicle Type, 2022-2032, \$ mn	89
Table 29. South Korea Unmanned Maritime Vehicles Market by Control Type, 2022-2032, \$ mn	89
Table 30. South Korea Unmanned Maritime Vehicles Market by Application, 2022-2032, \$ mn	89
Table 31. Unmanned Maritime Vehicles Market in Rest of APAC by Country/Region, 2022-2032, \$ mn	91
Table 32. Market Share of World Work-Class ROVs by Manufacturer, % Capex	94
Table 33. Market Share of World Work-Class ROVs by Operator, % Capex	94
Table 34. 5G International Inc.: Company Snapshot	97
Table 35. 5G International Inc.: Business Segmentation	98
Table 36. 5G International Inc.: Product Portfolio	98

List Of Figures

LIST OF FIGURES:

- Figure 1. Research Method Flow Chart 12
- Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation 15
- Figure 3. Asia Pacific Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2022-2032 17
- Figure 4. Asia Pacific Unmanned Maritime Vehicles Market, 2022-2032, \$ mn 20
- Figure 5. Impact of COVID-19 on Business 24
- Figure 6. Primary Drivers and Impact Factors of Asia Pacific Unmanned Maritime Vehicles Market 30
- Figure 7. World Oil & Gas Offshore and Deepwater Production, 1970-2020 33
- Figure 8. World Military Expenditure by Region, 1988–2022, \$ billion 35
- Figure 9. Primary Restraints and Impact Factors of Asia Pacific Unmanned Maritime Vehicles Market 36
- Figure 10. Investment Opportunity Analysis 40
- Figure 11. Porter's Five Forces Analysis of Asia Pacific Unmanned Maritime Vehicles Market 43
- Figure 12. Breakdown of Asia Pacific Unmanned Maritime Vehicles Market by Vehicle Type, 2022-2032, % of Revenue 48
- Figure 13. Asia Pacific Addressable Market Cap in 2023-2032 by Vehicle Type, Value (\$ mn) and Share (%) 48
- Figure 14. Asia Pacific Unmanned Maritime Vehicles Market by Vehicle Type: UUVs, 2022-2032, \$ mn 49
- Figure 15. Asia Pacific Unmanned Maritime Vehicles Market by UUVs: ROVs, 2022-2032, \$ mn 51
- Figure 16. World Remotely Operated Vehicle Market by Fleet in Operation, 2022-2032, unit 52
- Figure 17. Asia Pacific Unmanned Maritime Vehicles Market by UUVs: AUVs, 2022-2032, \$ mn 54
- Figure 18. World Autonomous Underwater Vehicles Market by Fleet in Operation, 2022-2032, unit 55
- Figure 19. Asia Pacific Unmanned Maritime Vehicles Market by Vehicle Type: USVs, 2022-2032, \$ mn 56
- Figure 20. Asia Pacific Unmanned Maritime Vehicles Market by Vehicle Type: Other UUVs, 2022-2032, \$ mn 57
- Figure 21. Breakdown of Asia Pacific Unmanned Maritime Vehicles Market by Control Type, 2022-2032, % of Sales Revenue 59

Figure 22. Asia Pacific Addressable Market Cap in 2023-2032 by Control Type, Value (\$ mn) and Share (%) 59

Figure 23. Asia Pacific Unmanned Maritime Vehicles Market by Control Type: Remotely Operated UUVs, 2022-2032, \$ mn 60

Figure 24. Asia Pacific Unmanned Maritime Vehicles Market by Control Type: Autonomous UUVs, 2022-2032, \$ mn 61

Figure 25. Breakdown of Asia Pacific Unmanned Maritime Vehicles Market by Propulsion, 2022-2032, % of Sales Revenue 63

Figure 26. Asia Pacific Addressable Market Cap in 2023-2032 by Propulsion, Value (\$ mn) and Share (%) 63

Figure 27. Asia Pacific Unmanned Maritime Vehicles Market by Propulsion: Diesel/Gasoline Systems, 2022-2032, \$ mn 64

Figure 28. Asia Pacific Unmanned Maritime Vehicles Market by Propulsion: Hybrid Systems, 2022-2032, \$ mn 65

Figure 29. Asia Pacific Unmanned Maritime Vehicles Market by Propulsion: Electric Systems, 2022-2032, \$ mn 66

Figure 30. Asia Pacific Unmanned Maritime Vehicles Market by Propulsion: Other Propulsion Systems, 2022-2032, \$ mn 67

Figure 31. Breakdown of Asia Pacific Unmanned Maritime Vehicles Market by Application, 2022-2032, % of Revenue 69

Figure 32. Asia Pacific Addressable Market Cap in 2023-2032 by Application, Value (\$ mn) and Share (%) 69

Figure 33. Asia Pacific Unmanned Maritime Vehicles Market by Application: Commercial, 2022-2032, \$ mn 70

Figure 34. Asia Pacific Unmanned Maritime Vehicles Market by Application: Scientific Research, 2022-2032, \$ mn 71

Figure 35. Asia Pacific Unmanned Maritime Vehicles Market by Application: Defense & Security, 2022-2032, \$ mn 73

Figure 36. Asia Pacific Unmanned Maritime Vehicles Market by Application: Other Applications, 2022-2032, \$ mn 75

Figure 37. Breakdown of APAC Unmanned Maritime Vehicles Market by Country, 2022 and 2032, % of Revenue 77

Figure 38. Contribution to APAC 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%) 78

Figure 39. Unmanned Maritime Vehicles Market in Japan, 2022-2032, \$ mn 80

Figure 40. Unmanned Maritime Vehicles Market in China, 2022-2032, \$ mn 82

Figure 41. Unmanned Maritime Vehicles Market in Australia, 2022-2032, \$ mn 84

Figure 42. Unmanned Maritime Vehicles Market in India, 2022-2032, \$ mn 86

Figure 43. Unmanned Maritime Vehicles Market in South Korea, 2022-2032, \$ mn 88

Figure 44. Unmanned Maritime Vehicles Market in Rest of APAC, 2022-2032, \$ mn 90

Figure 45. Growth Stage of Asia Pacific Unmanned Maritime Vehicles Industry over the Forecast Period 92

I would like to order

Product name: Asia Pacific Unmanned Maritime Vehicles (UMVs) Market 2022-2032 by Vehicle Type (UUVs, USVs, Others), Control Type (Remotely Operated, Autonomous), Propulsion (Diesel/Gasoline, Hybrid, Electric, Others), Application (Commercial, Scientific Research, Defense & Security), and Country: Trend Forecast and Growth Opportunity

Product link: <https://marketpublishers.com/r/A2660F06891EEN.html>

Price: US\$ 2,541.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A2660F06891EEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970