HOUSE OF REPRESENTATIVES

H. No. 9662

BY REPRESENTATIVES BENITEZ, DE VENECIA, ROMUALDO, MARIANO-HERNANDEZ, CAGAS, TAN (K.M.), SINGSON-MEEHAN, DY (F.), RAMA, GALEOS, MARQUEZ, TAMBUNTING, SUANSING (H.), VILLAFUERTE (L.R.), VILLAFUERTE (M.L.), HORIBATA, YAMSUAN, GONZALES (A.), GARCIA (P.J.), LEGARDA, RIVERA, MARCOS, ROMUALDEZ (F.M.), DALIPE, BARBA, BULUT-BEGTANG, LEE, ROBES, ESCUDERO, TULFO (R.W.), TULFO (J.), TULFO (E.), YAP (EDVIC), YAP (ERIC), UNABIA, SUAN, EMANO, VIOLAGO, GOMEZ, VALMAYOR, SALCEDA, CO (E.), ALVAREZ (M.), PADIERNOS, PRIMICIAS-AGABAS, PAGLAS, MERCADO, LOYOLA, GORRICETA, CO-PILAR, SUANSING (M.A.), ALVAREZ (J.), AQUINO-MAGSAYSAY, CRUZ (A.), CUA, ORDANES, QUIMBO, VERGARA, DAGOOC, FLORES, ORTEGA, YAP (C.T.), PALMA, SINGSON (R.V.), CABREDO, BONGALON, BERNOS, MOMO, TAN (J.), CRUZ (R.), PLEYTO, MATIBAG, CHATTO, MACEDA, FRESNEDI, DY (F.M.C.), PANALIGAN, DIMAPORO (S.A.), ALBA, DOMINGO, MARIÑO, MIGUEL, ABALOS, YU (J.V.), YU (D.G.) AND VILLANUEVA

AN ACT

ESTABLISHING A FRAMEWORK FOR BLUE ECONOMY, PROMOTING STEWARDSHIP AND SUSTAINABLE DEVELOPMENT OF COASTAL AND MARINE ECOSYSTEMS AND RESOURCES, REORGANIZING AND RENAMING THE NATIONAL COAST WATCH SYSTEM AS THE NATIONAL MARITIME MONITORING SYSTEM, AND PROVIDING FUNDS THEREFOR

Be it enacted by the Senate and House of Representatives of the Philippines in Congress assembled:

| 1 2 | | CHAPTER I GENERAL PROVISIONS |
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| 4 | | SECTION 1. Short Title. – This Act shall be known as the "Blue Economy |
| 5 | Act." | |

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SEC. 2. *Declaration of Policy*. – It shall be the policy of the State to:

8 (a) Adopt blue economy as a framework for equitable and sustainable
9 development and safe use of marine wealth within our maritime zones, as a pillar
10 of our national economy and patrimony;

11 (b) Exercise stewardship of our seas and coasts, and protect and 12 conserve the health and resilience of marine and coastal ecosystems and habitats, 13 through strong institutional mechanisms for maritime monitoring and regulatory 14 enforcement, to promote the well-being, prosperity and security of present and 15 future generations;

16 (c) Preserve our maritime heritage, recognize the social, cultural, and 17 historical value of our seas and coasts, and foster public understanding and 18 respect of the value of our seas and coasts to build a strong foundation for social 19 responsibility;

(d) Enrich scientific understanding of marine and coastal ecosystems,
the benefits we gain from these ecosystems like carbon sequestration, their
changing conditions and the causes thereof, and use the best available scientific
knowledge to inform decisions affecting our seas and coasts and to enhance our
capacity to respond and adapt to changing maritime environments;

(e) Foster international cooperation and multi-stakeholder engagement,
and exercise rights and jurisdiction in accordance with applicable international
laws, including on freedom of navigation;

(f) Ensure a whole-of-nation approach and a comprehensive, integrated
framework for the stewardship of our seas and coasts to facilitate cohesive action
of the national government, local authorities, academe, nongovernmental
organizations, the private sector, and the public; and

(g) Promote, support and monitor science, technology and innovation
 programs of public and private academic and research institutions to strengthen
 interdisciplinary research in marine science, and to develop emerging technologies
 to catalyze growth of new maritime sectors.

1 **SEC. 3.** *Definition of Terms*. – As used in this Act:

2 (a) Aquaculture refers to fishery operations involving all forms of raising
3 and culturing fish and other fishery species in fresh, brackish, and marine water
4 areas;

5 (b) Aquasilviculture refers to a multi-purpose production system that 6 allows production of fish and other aquatic species in a mangrove reforestation 7 project;

8 (c) Aquatic resources refer to fish and other living resources of the 9 aquatic environment that have or will have commercial value when utilized;

10 (d) *Blue economy* refers to the integrated, holistic, cross-sectoral, and 11 cross-stakeholder approach for the sustainable, resilient and inclusive use, 12 governance, management and conservation of oceans, seas as well as marine and 13 coastal resources and ecosystems for economic growth, leveraging green 14 infrastructure and technologies, innovative financing mechanisms and proactive 15 institutional mechanisms, and improving human well-being and social equity, and 16 reducing environmental risks and ecological scarcities;

(e) *Blue carbon* refers to organic carbon that is captured by marine and
coastal ecosystems, such as algae, seagrass, mangroves, and other plants growing
in salt marshes and coastal wetlands;

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(f) *Blue public expenditure* refers to public expenditures that address
issues related to coastal and marine resources, environmental degradation, and
development aspirations that depend on marine resources and environments;

(g) *By-catch* refers to fish or other marine species that a fisher does not
intend to catch, including juveniles of commercially-valuable species and
biologically-important species caught unintentionally while trying to catch a
certain type of fish.

29 (h) Commercial fishing refers to the taking of fishery species by passive or active gear for trade, business and profit beyond subsistence or sports fishing, 30 to be further classified as: small scale commercial fishing, or fishing with passive 31 32 or active gear utilizing fishing vessels of three and one-tenth (3.1) gross tons (GT) 33 up to twenty (20) GT; medium scale commercial fishing or fishing utilizing active 34 gears and vessels of twenty and one-tenth (20.1) GT up to one hundred fifty (150)35 GT; and large commercial fishing or fishing utilizing active gears and vessels of more than one hundred fifty (150) GT; 36

(i) Contiguous zone refers to the contiguous zone of the Philippines to
the waters beyond and adjacent to its territorial sea and up to the extent of
twenty-four (24) nautical miles from the baselines from which the breadth of the
territorial sea is measured;

1 (j) *Continental shelf* refers to the seabed and subsoil of the submarine 2 areas of the Philippines that extend beyond its territorial sea throughout the 3 natural prolongation of its land territory to the outer edge of the continental 4 margin, or to a distance of two hundred (200) nautical miles from the baselines 5 from which the breadth of the territorial sea is measured, where the outer edge of 6 the continental margin does not extend up to that distance;

7 (k) Ecosystem services refer to the flow of benefits which humans gain
8 from ecosystems, through biological processes and climate, hydrological and
9 biochemical cycles, and experiences that contribute to intangible culture;

(l) Environmental-economic accounting refers to a systematic way to
measure and report on stocks and flows of natural assets and resources – both
biotic and abiotic, renewable and non-renewable – and ecosystem services, to
determine the contribution of the environment to the economy and the impact of
the economy on the environment;

15 (m) *Environmental-economic accounts* refer to statistical information, in 16 physical or monetary terms, about the extraction of natural resources, their use 17 within the economy, natural resource stock levels, the changes in those stocks 18 during a specific period, and such other economic activities related to the 19 environment;

(n) *Exclusive economic zone (EEZ)* refers to the waters beyond and
adjacent to its territorial sea and up to the extent of two hundred (200) nautical
miles from the baselines from which the breadth of the territorial sea is measured,
as established by Presidential Decree No. 1599, otherwise known as the
"Philippine Exclusive Economic Zone of 1978", and to the extent consistent with
the other provisions of this Act and with the provisions of the 1982 United Nations
Convention on the Law of the Sea (UNCLOS);

(o) *Fisheries* refer to all activities relating to the science and act of
business of fishing, culturing, preserving, processing, marketing, developing,
conserving, and managing of aquatic resources, and environment;

30 (p) Integrated coastal management (ICM) refers to a holistic and themanagement that incorporates following components: 31 integrative 32 (1) connectivity of various ecosystems – environment and resources; (2) various 33 sectors and stakeholders; (3) institutional arrangements that are relevant; and (4) assessment of drivers of coastal ecosystem degradation, management planning 34 35 and implementation, including research and education, to address coastal degradation and biodiversity losses, and to improve the well-being of communities 36 37 in coastal and interconnected areas;

(q) Integrated Marine and Coastal Area Management (IMCAM) refers to
 a participatory process for decision-making to prevent, control, or mitigate adverse

1 impacts from human activities in the marine and coastal environment, and to2 contribute to the restoration of degraded coastal areas;

3 (r) *Internal waters* refer to waters on the landward side of the 4 archipelagic baselines not forming part of archipelagic waters under Section 4 of 5 this Act and delineated in accordance with Article 50 of the UNCLOS; and waters 6 on the landward side of the baselines of the territorial sea of territories outside of 7 the archipelagic baselines, drawn in accordance with Article 8 of the UNCLOS;

(s) Investment promotion agencies (IPAs) refer to government entities 8 9 created by law, executive order, decree or other issuance, in charge of promoting investments, granting and administering tax and non-tax incentives, and 10 overseeing the operations of the different economic zones and freeports in 11 12 accordance with their respective special laws. These include the Board of 13 Investments (BOI), Bangsamoro Board of Investments, Philippine Economic Zone 14 Authority, Bases Conversion and Development Authority, Subic Bay Metropolitan 15 Authority, Clark Development Corporation, John Hay Management Corporation, Poro Point Management Corporation, Cagayan Economic Zone Authority, 16 Zamboanga City Special Economic Zone Authority, PHIVIDEC Industrial 17 18 Authority, Aurora Pacific Economic Zone and Freeport Authority, Authority of the 19 Freeport Area of Bataan, Tourism Infrastructure and Enterprise Zone Authority, 20 and all other similar existing authorities that may be created by law;

21 (t) *Mariculture* refers to the sea farming of aquatic plants and fishes;

(u) *Marine scientific research* refers to any research activity, which is
 conducted for exclusively peaceful purposes, for the purpose of increasing scientific
 knowledge about the marine environment, including all-natural resources, toward
 the benefit of mankind and according to the UNCLOS;

(v) Maritime domain awareness refers to the effective understanding of
 any activity that could impact upon the security, safety, economy or environment;

(w) Maritime spatial planning refers to a process by which human
activities in maritime zones are analyzed and organized, based on best available
scientific knowledge, to achieve economic, ecological and social objectives;

31 (x) Maritime zones refer to the maritime zones of the Philippines
32 comprising the internal waters, archipelagic waters, territorial sea, contiguous
33 zone, EEZ, and continental shelf;

(y) Ocean-based activities refer to activities that are undertaken in the
 ocean, such as fisheries and aquaculture, offshore oil and gas, mining, ocean
 energy, desalination, shipping and marine transportation, marine tourism, and
 marine construction;

38 (z) Ocean-related activities refer to activities that use products from the 39 ocean such as seafood processing, marine biotechnology, chemicals, salt, and produce products and services for the ocean and ocean-based activities such as
shipbuilding and repair, ports, tourist resorts, communication, maritime
insurance and law, and maritime technical services;

4 (aa) *Subsistence fishing* refers to fishing for personal consumption or 5 traditional/ceremonial purposes; and

6 (bb) Ocean literacy refers to an understanding of the ocean's influence on7 humans and human influence on the ocean.

8 **SEC.** 4. Scope of Application. – For purposes of this Act, the Philippines 9 shall exercise sovereignty, sovereign rights and jurisdiction, in accordance with 10 commitments under the UNCLOS and other related treaties which the Philippines 11 has ratified, in internal waters, archipelagic waters, territorial sea, contiguous 12 zone, exclusive economic zone and continental shelf, herein collectively referred to 13 as "maritime zones", including its seabed and subsoil, and any and all maritime 14 features within the maritime zones and where appropriate, the relevant airspace 15 above the territorial sea, internal waters and archipelagic waters now known or to be known in the future. 16

17CHAPTER II18NATIONAL MARITIME MONITORING SYSTEM

SEC. 5. National Maritime Monitoring System. – The National Coast
 Watch System, established under Executive Order (EO) No. 57, series of 2011, is
 hereby renamed as the National Maritime Monitoring System.

SEC. 6. National Maritime Council. – The National Coast Watch
 Council, created under EO 57, series of 2011, is hereby renamed and reconstituted
 as the National Maritime Council, herein referred to as the "Council", and its
 functions expanded to include the formulation of an integrated strategy to promote
 blue economy and ecosystem-based management of coastal and marine resources.

In addition to the powers and functions of the Council enumerated inSection 3 of the same EO, the Council is likewise further mandated to:

(a) Steer the development, research, and sustainable resource explorations
in maritime zones, especially in areas with high economic potential such as the
Philippine Rise and the West Philippine Sea;

32 (b) Coordinate the maritime regulation or licensing and law enforcement for
 33 strengthened preparedness and responsiveness to potential security threats or
 34 concerns in the country's maritime areas and zones; and

35 (c) Build capacities in monitoring, including the use of digital and36 innovative technologies for security and surveillance activities.

1 The Council is likewise authorized to convene committees or sub-2 committees to oversee the abovementioned functions. In this way, all strategic 3 maritime zones will be covered and will reduce the call for the creation of new bodies or authorities to manage the same. 4

SEC. 7. Composition of National Maritime Council. - The Council is 5 6 composed of the Executive Secretary as Chairperson and the Secretaries of the 7 following national agencies as members:

- National Economic and Development Authority (NEDA); 8 (a) 9
 - Department of Environment and Natural Resources; (b)
- Department of National Defense; 10 (c)
- Department of Foreign Affairs (DFA); (d) 11
- 12 (e) Department of Justice;
- 13 Department of the Interior and Local Government; (f)
- 14 (g) Department of Agriculture;
- Department of Tourism; 15 (h)
- Department of Transportation; (i) 16
- Department of Trade and Industry; 17 (j)
- Department of Energy; 18 (k)
- 19 Department of Science and Technology; (1)
- 20 Department of Finance; (m)
- 21 Department of Education (DepEd); (n)
- 22 (0)Department of Information and Communications Technology:
- 23 National Security Council; and (p)
- Bureau of Fisheries and Aquatic Resources. 24 (q)

25 Department Secretaries may designate an alternative representative, 26 whose portfolio covers matters directly or principally relating to the development 27 or management of coastal and marine resources and ecosystems, if applicable. They shall sit in a permanent capacity, and their acts shall be considered the acts 28 29 of their principals.

SEC. 8. National Maritime Secretariat. - The Coastal Watch Council 30 31 Secretariat, established under Section 4 of EO 57, series of 2011, is hereby renamed as the National Maritime Secretariat and shall continue to provide 32 33 technical and administrative support to the Council and perform its functions under the same EO. 34

SEC. 9. National Maritime Coordination Center. - The National Coast 35 Watch Center, established under Section 5 of EO 57, series of 2011, is hereby 36 37 renamed as the National Maritime Coordination Center and shall continue to be the operational support unit of the National Maritime Monitoring System and 38 39 perform its functions under the same EO.

SEC. 10. Support Agencies. - In order to ensure the efficient and effective 40 41 discharge of its responsibilities, in addition to the agencies enumerated under Section 6 of EO 57, series of 2011, the Council may call upon other departments, 42

bureaus, offices and instrumentalities of the government, representatives from
maritime industries, and academic and research institutions engaged in marine
science and ocean-based or ocean-related activities to participate in working
groups, as it may deem necessary.

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CHAPTER III POLICY FRAMEWORK ON BLUE ECONOMY

7 SEC. 11. Policy Framework on Blue Economy. - The Council shall, 8 within six (6) months from the effectivity of this Act, formulate a Policy Framework on Blue Economy, herein referred to as the Policy Framework. The 9 Policy Framework shall serve as the basis for marine spatial planning, 10 determination of investments to develop modern physical infrastructure and build 11 12 an enabling environment for blue economy to prosper, and enhance maritime 13 domain awareness, and enforcement of economic and environmental regulations 14 within our maritime zones. The Policy Framework shall be subject to mandatory 15 review and modification every five (5) years.

SEC. 12. Components of the Policy Framework on Blue Economy. –
 The Policy Framework shall include the following components:

(a) Review of all existing policies, plans, programs, projects, rules and
regulations on ocean-based and ocean-related activities in our maritime zones,
including seafood processing and storage, and commercial research and
development (R&D) activities for biomass resource and fish stock estimation,
artificial intelligence for forecasting fish stocks and supply;

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(b) Compliance to local and international maritime laws;

(c) Analysis of current and emerging trends in demography,
consumption, trade, technology and climate that show the interaction between
the economy and the environment, and present threats and pressures on coastal
and marine environments;

(d) Environmental-economic accounting of coastal and marine assets
and resources, and ecosystem goods and services from coastal and marine
environments;

- 31 (e) Priority strategic and sustainable ocean-based and ocean-related32 economic activities within our maritime zones, which may include the following:
- 33 (1) Fisheries, including commercial fishing, but with preference to
 34 subsistence fisheries, as mandated by Section 7, Article XIII, of the
 35 Constitution;
- 36 (2) Aquaculture, mariculture and aquasilviculture and support
 37 industries, including seafood processing and storage, and aquaculture feed
 38 milling;
- 39 (3) Marine and coastal tourism;

1 (4) Shipping, logistics and maritime transport; 2 (5) Shipbuilding and ship repair; 3 (6) Production of renewable energy from marine sources; (7) Installation of submarine cables and pipelines; 4 5 (8) Marine biotechnology and bioprospecting; 6 (9) Desalination: 7 (10) Underwater cultural heritage and maritime archaeology; and 8 (11) Commercial R&D activities and commercialization of new and 9 emerging technologies developed from locally-undertaken R&D; (f) Principles and indicators to guide environmental impact assessment of 10 ocean-based and ocean-related economic activities, taking into account the 11 12 environmental-economic accounting of marine resources and ecosystem services 13 that will be affected; 14 (g) Adoption of integrated marine and coastal area management; (h) Strategies to promote blue finance; 15 (i) Priority research and development agenda, including development of 16 17 innovative technologies, and human capital to support the blue economy; 18 (j) Promotion of ocean literacy and social responsibility towards the protection of coastal and marine environments: 19 20 (k) Enhancement of capability of the Armed Forces of the Philippines and civilian agencies to enforce laws, rules and regulations to protect our marine 21 22 wealth: (l) Goals, targets and indicators for growth, resilience and sustainability 23 of priority strategic and sustainable ocean-based and ocean-related activities, 24 including its contribution to Gross Domestic Product and job creation; and 25 (m) Such other components as may be determined by the Council as a 26 result of its periodic review, to ensure that the Policy Framework is continually 27 updated and adapted to the needs of the times. 28 29 **CHAPTER IV** COMPLIANCE WITH INTERNATIONAL MARITIME INSTRUMENTS 30 31 SEC. 13. International Maritime Instruments. - The Council shall 32 direct the Inter-Agency Coordinating Committee, as created under EO No. 159,

series of 2021, to Facilitate the Ratification of/Accession to and Implementation of
 Maritime Conventions (ICCRIMC) to establish mechanisms for the full and
 effective implementation and enforcement of the following international maritime
 instruments and their subsequent amendments, including, but not limited to the
 following:

(a) 1982 United Nations Convention on the Law of the Sea; 1 2 (b) Convention on the International Trade of Endangered Species of 3 Flora and Fauna: (c) United Nations Educational, Scientific and Cultural Organization 4 5 (UNESCO) Convention on the Protection of the Underwater Cultural Heritage; 6 (d) International Convention for the Safety of Life at Sea, 1974, as 7 amended, and its Protocol of 1988 (SOLAS 74); 8 (e) International Convention for the Prevention of Pollution from Ships 9 and its Protocol of 1978 (MARPOL 73/78); 10 (f) Convention on the International Regulations for Preventing Collisions at Sea, 1972, as amended (COLREG 72); 11 (g) International Convention on Load Lines, 1966 and its Protocol of 12 13 1988, as amended (LL 66); 14 (h) International Convention on the Tonnage Measurement of Ships, 15 1969 (TONNAGE 69): 16 (i) Convention for the Suppression of Unlawful Acts Against the Safety 17 of Maritime Navigation, 1988 (SUA) and its Protocol; (j) International Convention on Oil Pollution Preparedness, Response 18 and Co-operation 1990 (OPRC 1990); 19 (k) International Convention for the Control and Management of Ships' 20 21 Ballast Water and Sediments, 2004 (BWM 2004); 22 (l) Convention on the Prevention of Marine Pollution by dumping of 23 Wastes and Other Matter, 1972, as amended, and its 1996 Protocol (LCP); 24 (m) Special Trade Passenger Ships Agreement, 1971 (STP 71); 25 (n) Convention on the International Mobile Satellite Organization, as amended (IMSO 1976) and its Operating Agreement (INMARSAT); 26 (o) International Convention on Standards of Training, Certification 27 and Watchkeeping for Seafarers, 1978, As Amended (STCW 78); 28 (p) International Convention on the Control of Harmful Anti-Fouling 29 30 Systems on Ships, 2001 (AFS 2001); (q) Protocol of 1992 to Amend the International Convention on Civil 31 32 Liability for Oil Pollution Damage, 1969; 33 (r) Protocol of 1992 to amend the International Convention on the Establishment of an International Fund for Compensation for Oil Pollution 34 Damage, 1971; and 35 36 (s) Other relevant maritime treaties, conventions, or instruments as 37 may be agreed upon in the future. 38 SEC. 14. Application. – Unless otherwise indicated, the international 39 conventions enumerated in the preceding section shall apply to: 40 (a) All ships, whether seagoing or coastwise, which are registered under 41 the Philippine flag; 42 (b) All persons, partnerships, corporations, firms and other entities that 43 engage in ocean-based or ocean-related enterprise, or those acting on their behalf; 44 and 45 (c) All foreign ships that are within the waters, ports, harbors and 46 offshore terminals of the Philippines regardless of whether or not they are

registered in, or belong to, State Parties to the conventions sought to be
 implemented by this Act.

3 SEC. 15. *Reciprocity.* – The rights and privileges of foreign vessels and aircraft in Philippine archipelagic waters herein provided are recognized under 4 5 conditions of reciprocity and mutual respect. The President of the Philippines is 6 hereby authorized to institute countermeasures and other appropriate steps as 7 may be recommended by the DFA in response to foreign states that do not abide by, or that act inconsistently with the UNCLOS, or which do not ensure that 8 9 vessels and aircraft under their authority comply with their rights and obligations under the convention. 10

11 CHAPTER V 12 ENVIRONMENTAL-ECONOMIC ACCOUNTING

13 SEC. 16. *Environmental-Economic Accounting*. – The Philippine 14 Statistics Authority shall include the environmental-economic accounting of 15 marine ecosystems, as part of the Philippine ecosystem and natural capital 16 accounting system, in the generation of the Philippine ocean economy satellite 17 accounts.

18 CHAPTER VI 19 INTEGRATED MARINE AND COASTAL AREA MANAGEMENT

SEC. 17. Integrated Marine and Coastal Area Management. – The
 IMCAM shall be the framework to address human impacts on marine and coastal
 ecosystem, and for promoting its conservation and sustainable use. The Integrated
 Coastal Management Framework, principles, and mechanisms shall be aligned
 and shall be an integral part of the IMCAM framework to be developed under this
 Act.

26 SEC. 18. Elements of the National IMCAM Framework. - The Council 27 shall develop and implement the National IMCAM Framework within one (1) year 28 from the effectivity of this Act to provide direction, support and guidance to 29 relevant member and support agencies, local government units and other stakeholders, according to the Elaborated Programme of Work on Marine and 30 Coastal Biological Diversity contained in the Annex to Decision VII/5 of the 31 32 Conference of the Parties to the United Nations Environmental Programme 33 Convention on Biological Diversity.

Accordingly, the National IMCAM Framework shall consider the followingelements:

36 (a) Build capacity of stakeholders, in both national and local levels, to apply
 37 relevant policy instruments to address legal issues, institutionalize participatory

processes, and develop strategies to promote multidisciplinary and multisectoral
 ecosystem-based management of coastal and marine environments;

3 (b) Direct action to protect coastal and marine environments from 4 negative impacts, such as: 5 (1) Identification, protection, prevention of alteration and 6 destruction, and restoration of coastal and marine habitats, particularly 7 areas important for reproduction, *inter alia*, coral reef systems; 8 (2) Prevention, reduction or control of marine pollution; 9 (3) Protection of coastal and marine environments from land-based sources, including proper coastal land use and watershed management; 10 (4) Establishment of closed fishing areas, and closed seasons, in 11 accordance with Republic Act (RA) No. 8550, also known as the "Philippine 12 13 Fisheries Code of 1998", as amended by RA 10654; and 14 (5) Reduction of by-catch. 15 (c) Establish mechanisms and guidelines for research, monitoring and assessment of coastal and marine ecosystems and resources, including indicators 16 to measure natural and human-induced impacts; and 17 18 (d) Establish guidelines and mechanisms on green and blue businesses. **CHAPTER VII** 19 **PROTECTION AND CONSERVATION OF COASTAL** 20

AND MARINE RESOURCES

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22 SEC. 19. Protection of Endangered Species. - The Council shall 23 spearhead the conservation, protection and rehabilitation of rare, threatened and 24 endangered aquatic species as it may determine, including their habitats. It shall 25 recommend to the President of the Philippines and Congress the designation of 26 coastal and marine areas as protected areas under the Expanded National Integrated Protected Areas System or under RA 8550, as amended, and in 27 compliance with the relevant provisions of international treaties and agreements 28 29 such as, the Convention on the International Trade in Endangered Species of Wild Flora and Fauna, the UNCLOS, and Convention on Biological Diversity. 30

SEC. 20. Policy Coordination. – The Council shall harmonize rules and
 regulations of all relevant agencies responsible for the implementation and
 enforcement of laws to prevent and eliminate illegal fishing such as RA 8550, as
 amended.

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CHAPTER VIII DEVELOPMENT PLANNING

3 SEC. 21. Maritime Spatial Planning. - The Council, in consultation with relevant agencies, regional bodies and local government units (LGUs), shall 4 5 undertake a nationwide maritime spatial planning, guided by the standards of the 6 Intergovernmental Oceanographic Commission, to identify the spatial and temporal distribution of priority activities and uses and the interactions thereof 7 8 in maritime zones, in order to reduce conflict among uses, facilitate 9 complementary uses, mitigate environmental impacts, and preserve ecosystem 10 services.

11 SEC. 22. *Industry Development Plans*. – The Council, through working 12 groups created for the purpose, shall prepare five-year and ten-year development 13 plans for priority strategic and sustainable ocean-based or ocean-related industry, 14 in accordance with the Policy Framework and in consideration of the existing 15 development plans and strategies formulated by agencies involved in coastal and 16 marine protection and development. The Council shall also ensure the integration 17 of the framework in existing industry plans.

18 SEC. 23. Integration with Area and National Development Plans. –
 19 The NEDA shall integrate the maritime spatial plan and industry development
 20 plans into the Philippine Development Plan, the National Priority Plan, the
 21 National Physical Framework Plan, and Area Spatial Development Framework.

SEC. 24. Inclusion in Strategic Investment Priority Plan. – The
 Council shall recommend to the BOI the inclusion of identified priority
 strategic ocean-based and ocean-related activities in the Strategic Investment
 Priority Plan.

SEC. 25. *Blue Economic Zones*. – Investment Promotion Agencies (IPAs) shall encourage the establishment of blue economic zones and the transformation of existing special economic zones into the same: *Provided*, That Registered Business Enterprises (RBEs) engaged in ocean-based or ocean-related activities in these blue economic zones, duly registered by an IPA, may be entitled to the incentives under Title XIII (Tax Incentives) of the National Internal Revenue Code of 1997, as amended.

In addition, the incentives provided under this Act shall be withoutprejudice to the following laws:

| 35 | (a) RA 9003, otherwise known as the "Ecological Solid Waste Management |
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| 36 | Act of 2000"; |
| 37 | (b) RA 9275, otherwise known as the "Philippine Clean Water Act of 2004"; |
| 38 | (c) RA 9513, otherwise known as the "Renewable Energy Act of 2008"; and |
| 39 | (d) RA 10771, otherwise known as the "Philippine Green Jobs Act of 2016". |

The RBEs operating within blue economic zones may also qualify for
 financing provided under RA 11293, otherwise known as the "Philippine
 Innovation Act", as applicable.

4 5

CHAPTER IX BLUE FINANCE

6 SEC. 26. Role of the Bangko Sentral ng Pilipinas (BSP). – In the 7 exercise of its regulatory powers over financial institutions, the BSP shall 8 mandate banks and quasi-banks to adopt the United Nations Environment 9 Programme Sustainable Blue Economy Finance Principles as a foundation of 10 corporate governance and risk management.

11 SEC. 27. Role of Securities and Exchange Commission (SEC). – The 12 SEC shall encourage the issuance of blue bonds where proceeds will be exclusively 13 applied to finance or refinance, in part or in full, eligible Blue Economy activities, in accordance with SEC Guidelines, the Association of Southeast Asian Nations 14 15 (ASEAN) Green Bonds Standards and Green Bonds Principles, as developed and may be revised from time to time by the SEC, ASEAN Capital Markets Forum, 16 17 and the International Capital Market Association, respectively. All designated 18 Blue Projects or Activities must provide clear benefits to ocean health and the blue 19 economy or must contribute substantially to United Nations Sustainable 20 Development Goals (UN SDG) 6 or 14, which shall be assessed and, where feasible, 21 quantified by the Issuer.

SEC. 28. Role of Government Financial Institutions. – The Land Bank
 of the Philippines and the Development Bank of the Philippines shall provide
 credit to strategic and sustainable ocean-based or ocean-related enterprises.

SEC. 29. Blue Public Expenditures. – The Department of Budget and Management (DBM) shall allocate funds to implement blue economy programs, activities and projects (PAPs), in consonance with Section 15 of Republic Act No. 9729, as amended. The DBM shall include blue public expenditures as part of its efforts to increase convergence in programming and implementation of climate change and disaster risk reduction PAPs through the Risk Resiliency Program.

32 CHAPTER X 33 MARINE SCIENCE, TECHNOLOGY, AND INNOVATION (STI) 34 AND OCEAN LITERACY

35 SEC. 30. Marine Scientific Research. – The State recognizes marine 36 science as a foundation of maritime governance, insofar as rules governing the use 37 of coastal and marine resources must be based on the sound scientific 38 understanding of the marine environment. In accordance with UNCLOS, the 39 Philippines has the exclusive rights to regulate, authorize and conduct marine 40 scientific research in our internal waters, archipelagic waters and territorial sea; 41 whereas, the Philippines has rights to regulate, authorize and conduct maritime 1 research in our exclusive economic zone and continental shelf: *Provided*, That the 2 marine scientific research activities shall not unjustifiably interfere with other 3 legitimate uses of the sea and shall not constitute the legal basis for any claim to 4 any part of the marine environment or its resources.

5 Marine scientific research by foreign states and competent international 6 organizations may only be conducted with the express consent of and the 7 conditions set forth by the Council, in accordance with the UNCLOS.

8 SEC. 31. Marine Technology and Innovation. – The State recognizes that science, technology, and innovation have a critical role in harnessing ocean 9 resources for the blue economy while ensuring sustainability. Marine technology 10 and innovations are needed to address technical and logistical constraints that 11 12 impede the development of Philippine blue industries. Among these technologies are advanced materials, subsea engineering and technology, sensors and imaging, 13 14 big data analytics, autonomous systems, biotechnology, nanotechnology, marine 15 spatial planning, and circular blue economy. The government shall also support the development and adoption of locally-developed marine-related technologies. 16

17 SEC. 32. Ocean Literacy Framework. – The DepEd, Commission on Higher Education, Technical Education and Skills Development Authority, and 18 19 other government agencies implementing sector-specific literacy programs, in 20 consultation with relevant members of the Council or support agencies, shall 21 integrate into the curricula of K-12, the Alternative Learning System, general 22 education programs of higher education institutions, technical and vocational 23 education and training, and other community-based training programs, the 24 essential principles and fundamental concepts of ocean sciences to develop the 25 following competencies:

- (a) Understanding the economic, socio-cultural, spiritual, scientific and
 political importance/significance of the ocean to humankind in general
 and the Filipinos in particular;
 - (b) Communicating about the ocean in a meaningful way; and

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30 (c) Making informed and responsible decisions regarding the ocean and its
 31 resources.

CHAPTER XI FREEDOM OF NAVIGATION

34 SEC. 33. Archipelagic Sea Lanes. – The President of the Philippines 35 shall designate sea lanes and air routes thereabove, suitable for the continuous 36 and expeditious passage of foreign ships and aircrafts through or over the 37 archipelagic waters and the adjacent territorial sea, and shall, where necessary as 38 regards the safety of navigation, require foreign ships exercising the right of 39 innocent passage to use such lanes and traffic separation schemes in accordance 40 with the UNCLOS.

CHAPTER XII ROLE OF LOCAL GOVERNMENTS

3 SEC. 34. Role of Local Government Units. - Cities and municipalities 4 shall continue to exercise jurisdiction over municipal waters, pursuant to RA 7160, 5 otherwise known as the "Local Government Code of 1991", as amended, and RA 6 8550, as amended subject to the jurisdiction and authority of national government 7 agencies as stated in the provisions of special laws as the case may be. Consistent 8 with this mandate, LGUs shall act as the frontline agencies in the formulation, planning, and implementation and enforcement of the law of IMCAM in their 9 respective jurisdictions. The LGUs shall integrate the National Maritime Spatial 10 11 Plan in their Comprehensive Development and Annual Investment Plans.

SEC. 35. Inter-LGU Cooperation. - Consistent with the provisions of RA
 7160, as amended, LGUs may group themselves, consolidate or coordinate their
 efforts, services, and resources for the accomplishment of the objectives of this Act.

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CHAPTER XIII FINAL PROVISIONS

17 SEC. 36. Joint Congressional Oversight. - For the effective implementation of this Act, a Joint Congressional Oversight Committee is created, 18 to be known as the Blue Economy Oversight Committee, which shall be composed 19 of five (5) Senators and five (5) Representatives to be appointed by the Senate 20 President and the Speaker of the House of Representatives, respectively. The 21 22 Minority shall be entitled to pro rata representation. The Blue Economy 23 Oversight Committee shall be jointly chaired by the Chairperson of the Senate 24 Committee on Economic Affairs and the Chairperson of the House Committee on 25 Economic Affairs.

26 SEC. 37. Appropriations. – The amount necessary for the initial 27 implementation of this Act shall be charged against the current year's 28 appropriations of the Office of the President. Thereafter, such amount shall be 29 included in the annual General Appropriations Act.

SEC. 38. Implementing Rules and Regulations. – The Council shall
 issue the necessary rules and regulations to efficiently carry out the provisions of
 this Act within sixty (60) days from its effectivity.

SEC. 39. Separability Clause. – If any provision of this Act is held invalid
 or unconstitutional, the remaining provisions not affected shall remain in full force
 and effect.

36 SEC. 40. *Repealing Clause*. – All other laws, decrees, executive orders,
37 and rules and regulations contrary to or inconsistent with the provisions of this
38 Act are repealed or modified accordingly.

SEC. 41. *Effectivity*. – This Act shall take effect fifteen (15) days after its
 publication in the *Official Gazette* or in a newspaper of general circulation.

Approved,