



# ANNUAL REPORT 2023

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## NAMRIA MISSION

NAMRIA's mission is to provide quality topographic maps, nautical charts, and other geospatial products and services in a timely, equally accessible, and coordinated manner.

## NAMRIA VISION

NAMRIA's vision is to become a center of excellence, building an inclusive and geospatially-empowered Philippines.

## NAMRIA CORE VALUES

- Professionalism
- Collaborativeness
- Transparency and Accountability
- Innovativeness
- Efficiency

## NAMRIA SERVICE PLEDGE

We at NAMRIA, guided by our mandate, vision, mission, and core values, are committed to our clients' and stakeholders' utmost satisfaction in providing quality geospatial information and services while upholding the regulatory, professional, ethical, and efficiency standards.

In any disruptive situation, we shall exert best efforts to promptly recover our viability, restore our operations, ensure the continuity of our essential functions, and strengthen the resilience of our agency, bearing in mind the welfare of our fellow employees and guests, and the protection of our resources.

We shall constantly enhance our competencies to continually improve our quality and continuity management systems, adopt world-class technologies, respond to the needs of changing times, and be an agent for a geospatially-empowered Philippines.

[www.namria.gov.ph](http://www.namria.gov.ph)



**ISO 9001:2015-CERTIFIED FOR MAPPING AND  
GEOSPATIAL INFORMATION MANAGEMENT**

**INVESTORS IN PEOPLE™**  
We invest in people Silver





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# ADMINISTRATOR'S REPORT



During the plenary, the review of 77 UFN in the West Philippine Sea (WPS) was “frozen” along with other UFN proposals of other coastal states within the South China Sea (SCS). This is due to the manifestation of the Philippines, as supported by Malaysia and Vietnam, that naming of undersea features is an exercise of the sovereign right of the coastal state within its Exclusive Economic Zone and continental shelf. The SCUFN henceforth decided that the WPS/SCS can be treated as a “politically sensitive area,” and should be subjected to consultation among the involved parties as provided under Section 2.10 of the SCUFN Rules of Procedures. Meanwhile, in the Philippine Rise, the Philippine Delegation managed to have all 22 UFN proposals “ACCEPTED” by the SCUFN with minor revisions. In addition, the Philippines, specifically the NAMRIA, was commended by the SCUFN member representing New Zealand, for sharing its entire bathymetric data, the only country to do so to date, with the GEBCO Seabed 2030 Project.

In a related event, also held in November, the undersigned was the resource speaker during the Briefing on Philippine Maritime Law, and the 2016 Arbitral Award held in Sydney, NSW, Australia. The briefing was conducted for the NSW Filipino community.

Earlier in August, the NAMRIA took part in the 13th Session of the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM) held at the UN Headquarters in New York City. The UN-GGIM, led by UN Member States, plays a leading role in setting directions and coming up with joint decisions regarding the collection, production, and management of geospatial information based on national, regional, and global policy frameworks. This forum brings together geospatial experts and professionals from around the globe to discuss critical issues on enhancing geospatial information management, establishing cooperation and linkages, and sharing practical and technical experiences to address key global challenges.

The 2023 Annual Report of the National Mapping and Resource Information Authority (NAMRIA) highlights the milestones and accomplishments of the Agency to support its overarching goal of geospatially empowering the nation. For Calendar Year 2023, the NAMRIA continued to render mapmaking and other related services to the Filipino people. The Agency carried out its programs and projects for its functions, namely: (1) Hydrography, Oceanography, Charting, and Maritime Boundaries Mapping; (2) Topographic Mapping and Geodetic Reference Frame Development and Management; (3) Resource Assessment and Mapping; (4) Geospatial Information Management; and (5) General Administration and Support.

In November, the undersigned headed the Philippine delegation during the 36th meeting of the International Hydrographic Office's General Bathymetric Chart of the Oceans (GEBCO)-Sub-Committee on Undersea Feature Names (SCUFN) held in New South Wales (NSW), Australia. Among the activity's primary objectives were to discuss remaining matters from previous meetings; 450 SCUFN-reviewed naming proposals to be considered; updates of and on the UFN Project Team and the maintenance of the GEBCO Gazetteer Database of UFN; and SCUFN Programme of Work, including updates on GEBCO activities and the Seabed 2030 Project.

The Agency likewise represented the Philippines in the International Centre on Electronic Navigational Charts (IC-ENC) Technical Conference (TC23\_1) held in March. The IC-ENC is a Regional ENC Coordinating Centre that is responsible for assisting hydrographic offices in producing high-quality and fit-for-purpose ENC that are compliant with the International Hydrographic Organization (IHO) and International Maritime Organization standards. The Philippines, through the NAMRIA, first joined the IC-ENC in 2014. The technical conference covered various topics that are mostly aligned with the ongoing transition from the S-57 to the S-101 standard. The topics were presented in support of the development of the S-100 Universal Hydrographic Model of the IHO. In the foreseeable future, S-100 will eventually replace S-57 - the established IHO Transfer Standard for Digital Hydrographic Data. The S-101 will then be the new product specification for ENC.

In March, one of the NAMRIA survey vessels- Barko ng Republika ng Pilipinas (BRP) HYDROGRAPHER VENTURA was able to locate the sunken Motor Tanker PRINCESS EMPRESS, carrying about 800,000 liters of industrial fuel oil. BRP HYDROGRAPHER VENTURA had additional crew support from the other survey vessels of NAMRIA-BRP HYDROGRAPHER PRESBITERO, BRP HYDROGRAPHER HIZON, and BRP HYDROGRAPHER PALMA.

Also in March, the NAMRIA soft-launched, in a virtual event, the Philippine Tides (PH TIDES) mobile application. The development and use of the PH TIDES mobile application is consistent with the present administration's eight-point socioeconomic strategy on enhancing bureaucratic efficiency through the use of technology for a more responsive government. The application is important to various users from fisherfolks, to sailors, to beach goers.

In April, the NAMRIA participated in the launching of the Department of Interior and Local Government (DILG)-led "Kalayaan Project: Bayanihang Adhikain, Bayaning Aksiyon." The event was held at Pag-asa Island in the Municipality of Kalayaan in Palawan. The project is about empowering the local

government unit (LGU) by providing resources needed to uplift the lives of its residents. It is aligned with the current administration's thrust to extend government services to the remotest areas, particularly those belonging to the fourth and fifth class municipalities\*.

In November, Rear Admiral Angus Essenhigh OBE RN, Chief Hydrographer of the United Kingdom Hydrographic Office (UKHO), along with Group Captain Bea Walcot (RAF), Defense Attaché of the Philippines, and Mr. Steve Druce, UKHO Geographic Technical Lead for Asia Pacific, had a one-day visit of the NAMRIA Hydrography Branch (HB) in San Nicolas, Manila. A separate three-day technical meeting of representatives from the HB's four divisions with Mr. Druce was also held later in the same venue and month. The NAMRIA has a long-standing Memorandum of Understanding with the UKHO aimed at enhancing international maritime safety and protection of the environment. The technical visit primarily focused on strengthening the partnership between the two hydrographic offices through future collaborations, capacity building, and potential project initiatives. The NAMRIA is committed to further deepening this partnership to ensure its continuous growth, serving as a beacon of cooperation and excellence in the world of hydrography.

Earlier in May, officials and staff of Republic of Indonesia's Ministry of Agrarian Affairs and Spatial Planning/National Land Agency or Kementerian Agraria Dan Tata Ruang/Badan Pertanahan Nasional (ATR/BPN) and specialists from Land and Governance Innovations and Consultants, Inc. (LGI Consultants) visited NAMRIA Fort Andres Bonifacio Office, Taguig City. The main purpose of their visit to the Agency was to learn about the Philippines' National Spatial Data Infrastructure and other key spatial datasets.

In February, the undersigned had a meeting with Department of Human Settlements and Urban Development Sec. Jose "Jerry"

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\*(Source: <https://palawan-news.com/dilg-sec-abaloslaunches-kalayaan-project-bayanihang-adhikain-bayaning-aksiyon/>)



Rizalino L. Acuzar for exploratory talks for joint project undertakings where the NAMRIA's data and expertise can be of great assistance in the identification of settlement sites for development.

It was another active year for the NAMRIA Geomatics Training Center (GTC) as online, in-person, and hybrid trainings were conducted on Basic and Advanced Geographic Information System (GIS). These include the GIS trainings NAMRIA provided for the Climate Resilient Cities (CRC) Project of the Philippine Disaster Resilience Foundation. The CRC Project's overall objective is to improve resilience by strengthening the adaptive capacity of the cities to adapt, mitigate, and manage the impacts of climate change and disasters. The cities that received GIS training during the year are the following: Western Visayas (April); Cotabato City (May); Legazpi City, Albay and Zamboanga City (June); Batangas City (Basic GIS) and Borongan City (July); and Batangas City (Advanced GIS, November). There were also the Basic and Advanced GIS trainings conducted by the GTC for personnel from the Municipality of Tagkawayan in Quezon Province in July-August and in October. The primary objective of the trainings was to equip the participants with the skills necessary for utilizing GIS in various aspects, such as decision making, program/project monitoring and evaluation, disaster and risk assessment, and map creation. These skills are vital for the development of the municipality's comprehensive land use plan (CLUP) and they support the conduct of the annual activities of the LGU in accordance with its mandates.

The Agency also continued its learning and development (L&D) activities like team engagement workshops and cascading of updates on the NAMRIA's Human Resources and Organizational Development programs to employees. The Agency also observed major significant events for 2023, such as the National Women's Month Celebration, the Anniversary of the Philippine Civil Service, the Maritime and Archipelagic Nation Awareness Month (MANA Mo) 2023, and the 18-Day Campaign to End Violence against Women.

The NAMRIA conducted two virtual e-Kapihan sessions in September for the month-long celebration of MANA Mo 2023. The annual NAMRIA event, e-Kapihan, aims to reach a specific audience for the cascading of industry updates, discussion of pressing issues, addressing of gaps, and discourse of themes or interests affecting maritime-related programs, projects, or activities of the agency. The theme of MANA Mo 2023 was Kapuluan, Kabuluhan, Kaunlaran (Archipelago, Significance, Development). The topic for the first session was "Industry Updates and Partner Institutions' Best Practices," while that for the second session was "Ikaw na Katuwang sa Ligtas na Paglalayag." The second session aimed to capacitate the coast guard and port authority personnel, and select NAMRIA employees on topics related to coast pilot surveys, reporting of navigation hazards, and foundational knowledge of common jargon and salient features of nautical charts and publications. The NAMRIA digital services, such as the Online Maritime Safety Information System, the Navigational Warning (NW) Map App, and the PH TIDES App, were demonstrated to the stakeholders. The event likewise provided an opportunity to collect insights from the stakeholders on gender issues that affect maritime safety. The activity gathered a total of 242 internal and external stakeholders.

The NAMRIA once again opened its doors in 2023 to onsite educational tours after the disruptions caused by the Coronavirus disease 2019 (COVID-19) pandemic in 2020. In February, civil, geodetic, and sanitary engineering faculty members and students from the University of Northern Philippines visited the NAMRIA Fort Andres Bonifacio Office, Taguig City. The visit involved lectures and a virtual tour. The faculty members and students were oriented on the agency's mapmaking processes and hydrographic surveying capabilities.

The NAMRIA also participated in L&D-cum-Information, Education, and Communication events held during the year. In February, the agency partnered with the Geodetic Engineers of the Philippines-National Capital Region, to provide a virtual hydrographic survey seminar

for geodetic engineers. The seminar, which featured hydrographer resource speakers from the NAMRIA HB, aimed to equip all practicing geodetic engineers with knowledge of the current trends and activities in hydrographic surveying. More than 450 participants attended the virtual event.

In September, the NAMRIA conducted a webinar on Freedom of Information (FOI) mainly for the NAMRIA FOI Committee and the Agency's officials, from the deputy administrators to the Branch division chiefs. The event provided the participants with valuable insights into the values of transparency, accountability, and access to information. It also gave the latest updates on FOI implementation and introduced the ideas and foundations of FOI.

In June, the NAMRIA conducted a webinar entitled "The Role of Tidal Observation in Disaster Risk Reduction and Mitigation," in line with the celebration of the 2023 National Disaster Resilience Month. The discussions consisted of the following topics: an overview of the Physical Oceanography Division-HB and its functions, classes and roles of tides, natural disaster statistics in the Philippines, disaster risk reduction and mitigation, and the NAMRIA's newly-launched PH TIDES mobile application.

The Agency also took part in media activities for the general public during the year. In March, the NAMRIA, through Deputy Administrator (DA) and member of the Commission on the Limits of the Continental Shelf (CLCS) Efren P. Carandang, graced a media forum held in Quezon City. The media forum was organized by Digital Pinoys and the Quezon City Circle Media Forum in cooperation with InfraWatch PH. Representatives from different Philippine print, broadcast, and digital media outlets attended the event. DA Carandang discussed the intricacies of establishing boundaries between the continental shelf of coastal States and the international seabed. He highlighted the country's successful submission for an Extended Continental Shelf in the Philippine Rise, as well as the work of the CLCS in examining the submissions of coastal States.

In August, the NAMRIA, through its HB, granted the respective requests of ANC, the ABS-CBN News Channel; CNN Philippines; and PTV Philippines for sharing in their respective programs of the agency's data and information on sea-level rise (SLR). The content of the information sharing mostly focused on the differing rates of local SLR in the country through the years, climate change, and the causes and effects of global warming. There was also an online article for ABS-CBN News posted during the month. The article was "Metro Manila's sea-level rising higher than global average, expert warns." POD-HB Chief Dennis B. Bringas was the resource person for the different programs and the article. Prior to the interviews and the article, Mr. Bringas had made an exhaustive presentation on SLR during the Coastal Engineering Summit at the Mariano Marcos State University held in August. The presentation included sea-level trends at the tide stations from which observed data come from, types and uses of data other than sea-level data application, the coupling effect of SLR and land subsidence, and findings from the Coastal SLR Project with the Department of Geodetic Engineering of the University of the Philippines.

Also as part of its celebration of the 2023 MANA Mo, the NAMRIA conducted a NAMRIA in Action maritime exhibit event. This was held in different locations during September. The exhibit materials were mainly NAMRIA maritime products and services, audio-visual presentations, and various charts. They were on display at each of the following sites during the month: in the Department of Environment and Natural Resources (DENR) main office in Quezon City, the Senate Hall in Pasay City, and the NAMRIA main lobby in Fort Bonifacio Office, Taguig City.

Several activities were conducted under our Morale and Welfare Program (MWP). These include the agency's Anti-Flu Vaccine for all Employees and Pneumococcal Vaccine for Permanent Senior Citizen Personnel event conducted in August-September and the

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very first activity of the NAMRIA Youth Desk to celebrate Earth Day. The virtual orientation assembly for the NAMRIA youth entitled “It’s up to YOUth” was conducted in April in line with the celebration of the 2023 Philippines’ Earth Day, with the theme Invest in Our Planet. The theme highlighted the importance of allocating time, resources, and efforts toward finding solutions to the environmental challenges. The NAMRIA activity aimed to support the efforts of the DENR in strengthening its partnership with the youth sector in the implementation of ENR-related undertakings. It also sought to build NAMRIA’s pool of creative and technical young minds for ENR and youth-related programs.

Social welfare activities were provided by our Bayanihang Bayan Desk (BBD), also under the NAMRIA’s MWP. These include the handing over of back-to-school essentials (i.e., cleaning materials and hygiene kits) to four schools during a simple turnover activity held at the NAMRIA Fort Bonifacio Office, Taguig City in August. The turnover was in connection with the NAMRIA’s participation in the year’s Brigada Eskwela activities of the Department of Education. This year’s beneficiaries were Bagbaguin Elementary School, Caloocan City; Balacat Elementary School, San Jose City, Province of Nueva Ecija; and Gat Andres Bonifacio High School and Sen. Renato “Compañero” Cayetano Memorial Science and Technology High School of Taguig City. In line with the NAMRIA’s participation in this year’s National Volunteer Month, the Agency, through its BBD, donated in December five wheelchairs to Create a Job for Disabled Association, Inc. at the nongovernmental organization’s office compound.

The NAMRIA Gender and Development (GAD) Focal Point System conducted two batches of gender sensitivity trainings (GST), respectively, in May and August. The agency also assisted San Lazaro Hospital and the Philippine Navy in their respective GST held in July and September by providing the resource person. The undersigned also approved the request of DENR Region IV-B (Mindoro, Marinduque, Romblon, and Palawan [MIMAROPA]) to benchmark the NAMRIA GAD Information System (GADIS). A meeting for

the purpose was held in NAMRIA in July. The NAMRIA GADIS is a web-based information system for the collection and maintenance of sex-disaggregated information, which also stores relevant documentation for the planning, implementation, and monitoring and evaluation of GAD-mainstreamed projects of the agency. In February, the NAMRIA, through its HB, joined the observance of the International Day of Women and Girls in Science. The HB Client Service Unit posted on its Facebook page a trivia on the acceptance of women into the Corps of the Commissioned Service of the NAMRIA, as hydrographic survey officers.

In November, the NAMRIA participated in the fourth quarter Nationwide Simultaneous Earthquake Drill (NSED) held in Fort Andres Bonifacio Office, Taguig City. The activity also facilitated the pilot testing of the Agency’s Public Service Continuity Plan (PSCP). The quarterly NSED aims to prepare the public for the potential effects of a strong earthquake, particularly the “Big One.” The pilot testing of the NAMRIA PSCP was also conducted to assess the Agency’s ability to resume its operations following a disruption or disaster and restore its systems, applications, and functions within a defined timeframe.

The NAMRIA continues to be certified to ISO 9001:2015 for its Mapping and Geospatial Information Management processes after successfully hurdling the surveillance audit in August. The agency’s FOI practices were recognized anew. For Fiscal Year 2023, the NAMRIA was again FOI Champion under the Agencies/Bureaus/Commissions/Councils Category and its FOI Officer was a Best FOI Officer awardee for the fifth consecutive year. The NAMRIA’s success extends beyond the FOI Champion title, as the Agency is acknowledged as one of the top performing agencies in the eFOI portal. With passion and dedication, it can achieve Investors in People Gold standard reaccreditation for international standards on good leadership and people management practices, including Level 3 certification under the Civil Service Commission Program to Institutionalize Meritocracy and Excellence in Human Resource Management.



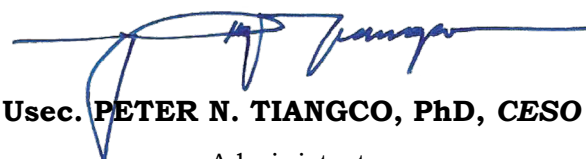
The NAMRIA will continue to align its initiatives with the identified priority programs of the Philippine Government and strengthen its role as an active institutional partner for the socioeconomic and environmental agenda of Environment Secretary Maria Antonia Yulo Loyzaga and President Ferdinand “Bongbong” Romualdez Marcos Jr. We look forward to another transformative year for the Agency as we implement the Updated NAMRIA Strategic Plan 2021-2028 and continue the following: the classification of the remaining unclassified public forests through the Forestland Evaluation and Mapping Project; the modernization of our topographic mapping and geodetic reference frame; enhancement of our hydrography, oceanography, charting, and maritime boundaries mapping; representation of the Philippines in the UN-GGIM Working Group on Geospatial Information and Services for Disasters, the Regional Committee of the UN-GGIM for Asia and the Pacific, the UN Group of Experts on Geographical Names, and the IHO; our maintaining strong ties with the National Task Force for the West Philippine Sea, the Task Force Build Back Better, the Executive and Technical Committees on Real Property Valuation, and other committees within the DENR; and our partnership with various institutions and LGUs through our Participatory Mapping of Existing Land Use Project, which helps LGUs in their preparation and updating of their CLUPs. For our parent unit, the DENR, we continue to provide technical assistance in the final mapping and preparation of draft house bills fixing the final forest limits of the country, including validation of the general location of areas under the National Integrated Protected Area System, among other mapping requirements.

The year 2023 is the year for full recovery from the aftermath of the COVID-19 pandemic. For 2024, the NAMRIA management and support initiatives are geared towards a revitalized organization and reenergized human resources as the key to achieving the goals of the agency and ensuring the delivery of quality geospatial information, products, and services to the general public. These will be realized through further strengthening of geospatial information

management systems; ensuring reliability of infrastructure, facilities, and equipment through engineering support; enhancing organizational performance and fiscal management; and leveraging the internal control system.

The Agency will also continue organizational development transformation through process improvements and policy development; implementation of programs for strategic human resource management and development, strategic performance management system, GAD, morale and welfare, employee engagement, mental health, occupational safety and health, and disaster preparedness. The Agency further aims to modernize to reach its goal of geospatially empowering the country.

As we embark on our 37th year, we reiterate our pledge of continuing dedicated service to the nation, and to never stop striving for global competitiveness and excellence.



**Usec. PETER N. TIANGCO, PhD, CESO I**  
Administrator

## Topographic Mapping and Geodetic Reference Frame Development and Management



**N**AMRIA produces topographic base maps at various scales, in print or digital format, for use by the national government agencies, LGUs, academia, scientific community, and the private sector. They are used as basic tools in development planning, disaster risk reduction and management, and investment and research activities, among others. The maps are regularly updated through the use of aerial photographs and satellite imageries, and conduct of field validation activities. Medium- and small-scale topographic maps (1:50,000 scale and 1:250,000 scale) generally cover large areas, while large-scale topographic maps (1:10,000 scale or larger) generally cover smaller areas but show more details. The NAMRIA likewise produces administrative maps.

The Philippine Geodetic Network needs to be modernized to align with the International Terrestrial Reference Frame in order to provide the public with geodetic controls that will serve as reference points for all surveying and mapping activities in the country.





The following were accomplished during the year:

### Large-Scale Mapping (1:10,000 Scale)

- ◆ Produced 360 map sheets on a scale of 1:4,000 covering the cities of Batac and Laoag, Digos and Surigao, and Legazpi and Danao
- ◆ Under the Unified Mapping Project (UMP), completed feature extraction for the production of 1,500 topographic maps on a scale of 1:10,000, covering the provinces of Abra, Albay, Agusan Del Norte, Bulacan, Cebu, Davao Del Sur, Ilocos Sur, Iloilo, and Surigao Del Norte
- ◆ Geodatabased 220 map sheets covering Baguio City and La Trinidad, Cagayan De Oro and vicinities, Cities of Cauayan, Ilagan, and Santiago and vicinities, and Cities of Marikina, Pasig and vicinities
- ◆ Enhanced 85 map sheets on a scale of 1:10,000 covering Baguio City, La Trinidad and vicinities, Cagayan de Oro City and vicinities, Ilagan City and vicinities, and Siay and vicinities



*Field validation and verification of 1:10,000-scale topographic map in the LGU of El Salvador, Cagayan de Oro*

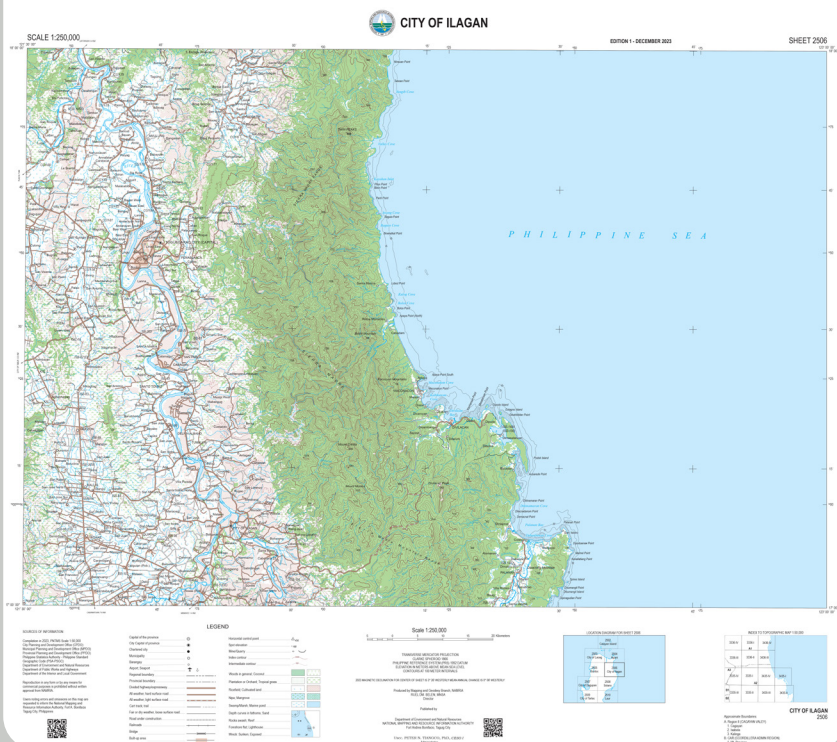


## Medium-Scale Mapping (1:50,000 Scale) and Small-Scale Mapping (1:250,000 Scale)

- ◆ For medium-scale mapping, produced 45 map sheets covering Mindoro Occidental, Mindoro Oriental, Negros Occidental, and Negros Oriental

- ◆ For small-scale mapping, produced five (5) map sheets covering Baybay City, Cagayan Island, Ilagan, Solano, and Tubbataha Reefs

**Medium-scale topographic map of the city of Bayawan in the Province of Negros Oriental on a scale of 1:50,000**



**Small-scale topographic map of the City of Ilagan on a scale of 1:250,000**

## Administrative/Special Mapping

- ◆ Produced 10 provincial maps in various scales covering Basilan, Bukidnon, Cotabato, Davao del Sur, Guimaras, Maguindanao del Norte, Maguindanao del Sur, Sarangani, South Cotabato, and Sultan Kudarat
- ◆ Produced two (2) regional maps covering Region III and Region VIII



*Administrative map of the Province of Guimaras on a scale of 1:50,000*

## Updating of Philippine Gazetteer

- ◆ Updated Geographic Names Database of seven (7) provinces covering Aklan, Antique, Aurora, Guimaras, Isabela, Quirino, and Sarangani
- ◆ Drafted the Updated Philippine Gazetteer Technical Guidelines

## Printing of Maps, Charts, and Publications

- ◆ Reproduced/printed 132 sets of topographic/administrative maps and nautical charts; 3,000 sheets of the Centennial Calendar; 2,000 pamphlets of the 2024 NAMRIA Planner; 13,000 sheets of the 2024 NAMRIA Calendar; and 2,000 copies of NAMRIA GAD Magna Carta of Women brochure

## Modernization of the Philippine Geodetic Reference System (PGRS)

- ◆ Established three (3) Active Geodetic Stations (AGS) in Bago City in Negros Occidental, Lingayen in Pangasinan, and Pag-asa Island
- ◆ Selected six (6) AGS sites with proposed locations in Bais City, Negros Oriental; Gingoog, Misamis Oriental; Iligan, Lanao Del Norte; Lingayen, Pangasinan; Muñoz, Nueva Ecija; and San Carlos, Negros Occidental
- ◆ Maintained 58 AGS
- ◆ Conducted GNSS observation of 150 benchmarks (BMs) [Region IV and Region VI]
- ◆ Releveled 385 kms (335 outsourced, 50 in-house) first-order BMs (Eastern Mindanao, Region III, and Region IV)
- ◆ Recovered and updated 100 geodetic control points (GCP) nationwide
- ◆ Densified 500 gravity stations (Region VI and Region VII)

**Antenna**

**Solar Panels and Enclosure**



**AGS site selection in the Province of Pangasinan**



## Hydrography, Oceanography, Charting, and Maritime Boundaries Mapping



The NAMRIA conducts hydrographic and oceanographic surveys; produces nautical charts and maritime publications; and operates and maintains survey vessels, magnetic observatory, tide stations, and other related facilities. The data generated ensure the safety of navigation, support climate change mitigation and adaptation, and are used to delineate and delimit the country's maritime zones. They also support the requirements for infrastructure development, environmental management, resource exploration, and scientific research.

The following were accomplished during the year:

### Hydrographic Surveys

- ◆ Survey of Exclusive Economic Zone (EEZ), Extended Continental Shelf (ECS), and Regime of Islands (RI)
  - Produced two (2) smooth sheets for a total 2,663 sq kms bathymetric data (2,605.42 sq kms - EEZ West of Busuanga, Palawan and 57.83 sq kms - Pag-asa Reefs and/or Sand Cays)
- ◆ Survey of Archipelagic Waters and Internal Waters (IW)
  - Produced one (1) smooth sheet or a total of 501.19 sq kms covering North of Busuanga, Palawan
- ◆ Ports and Harbors
  - Produced three (3) smooth sheets covering Hidden Beach, Subic Bay and vicinity; Pag-asa Island, Kalayaan Island Group (KIG); and Port of Culion, Palawan
- ◆ Maintenance and Operation of Magnetics Observatory
  - Acquired more than 8,760 hourly values of geomagnetic data and conducted 124 absolute magnetic observations
  - Conducted field geomagnetic observations on 18 magnetic repeat stations
- ◆ Maintenance and Operation of Survey Vessels
  - Performed preventive and corrective maintenance to four (4) survey vessels, namely, BRPH PRESBITERO, BRPH VENTURA, BRPH PALMA, and BRPH HIZON; skiffs; and land-based systems
  - Dry-docked BRPH VENTURA and BRPH PALMA

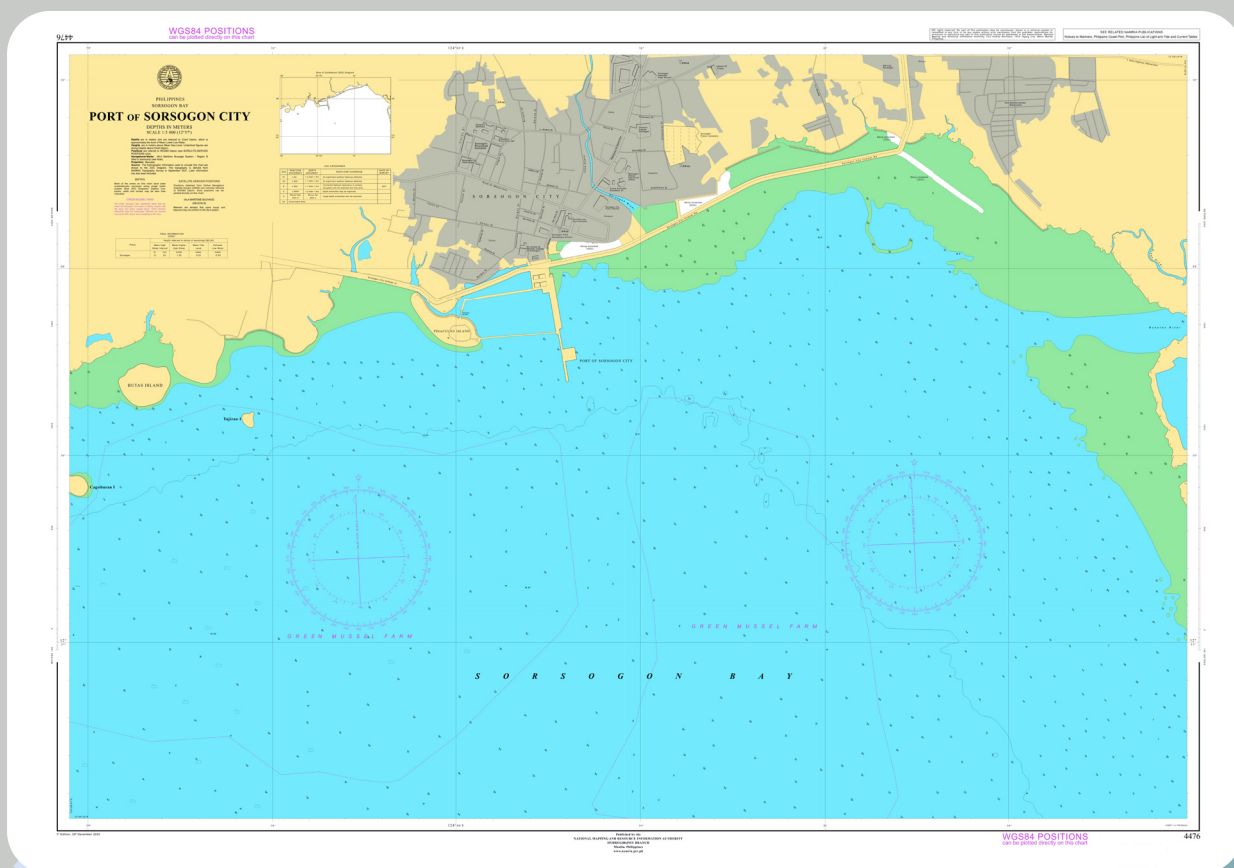


***Dry-docking of BRPH VENTURA***



## Nautical Charting

- ◆ Compiled and enhanced the following charts:
    - Updated eight (8) Port and Harbor charts covering Balanacan, Bay of Bicobian, Liloan, Manila Harbor, Masbate Harbor, Pasacao Anchorage, Polambato Port, and Tubigon
    - Produced two (2) Approach Charts covering Approaches to Batangas Bay and Vicinity and Calapan and Puerto Galera
    - Updated 10 Coastal Charts (Chart 1509 - Cape Engaño to Lobod Point, Chart 1513 - Lamon Bay, Chart 1524 - Sarangani Bay to Calian Point, Chart 1526 - Flecha Point to Tuna Point, Chart 1528 - Basilan Strait including Basilan Island and the Pilas Group, Chart 1540 - Sibuyan to Bantayan Island,
- Chart 1548 - Southern Part of Tañon Strait and Cebu Strait to Bohol Sea, Chart 1549 - The Passages between Cebu, Negros, and Panay, Chart 1561 - Malapackun Island to Carnungyan Island, and Chart 1566 - Tubbataha Reefs and Vicinity)
  - Produced one (1) EEZ Chart (Chart 4727-A - Philippine Rise to Pratas Island)
  - Produced five (5) General Sailing Charts (Chart 5003 - Ungay Point to Cautit Point, Chart 5006 - Jintotolo Island to Coronado Point; Chart 5008 - Cuyo Islands to Subic Bay, Chart 5014 - Parola Island to Antonio Luna Bank, and Chart 5015 - Cahra Island to Cape Bojeador)



**Enhanced Port and Harbor chart of the Port of Sorsogon City on a scale of 1:5,000**

- Compiled 27 Master Charts (1503 - Dasol Bay to Candon Anchorage, 1513 - Lamon Bay, 1524 - Sarangani Bay to Calian Point, 1540 - Sibuyan to Bantayan Island, 1549 - The Passages Between Panay, Negros and Cebu, 1553 - Apo West Pass to Linapacan Island, 1561 Malapackun Island to Camungyan Island, 1563 - Capoas Cluster to Malubutglubut Island, 1566 - Tubbataha Reefs and Vicinity, 4252 - Port of Calapan, 4256 - Batangas, 4434 Port of Tubigon, 4444 - Port of Polambato, 4455A - Masbate Harbor, 4476 - Port of Sorsogon City, 4477 - Sorsogon Bay, 4723B - West Palawan Region, including KIG, 5001 - Luzon Strait, 5009 - Honda Bay to Coronado Bay, PH4CASIS - Casiguran Sound, PH4CORG - Corregidor Island and Approaches, PH5CATBL - Catbalogan Harbor, PH5CAPIN - Port of Capinpin,

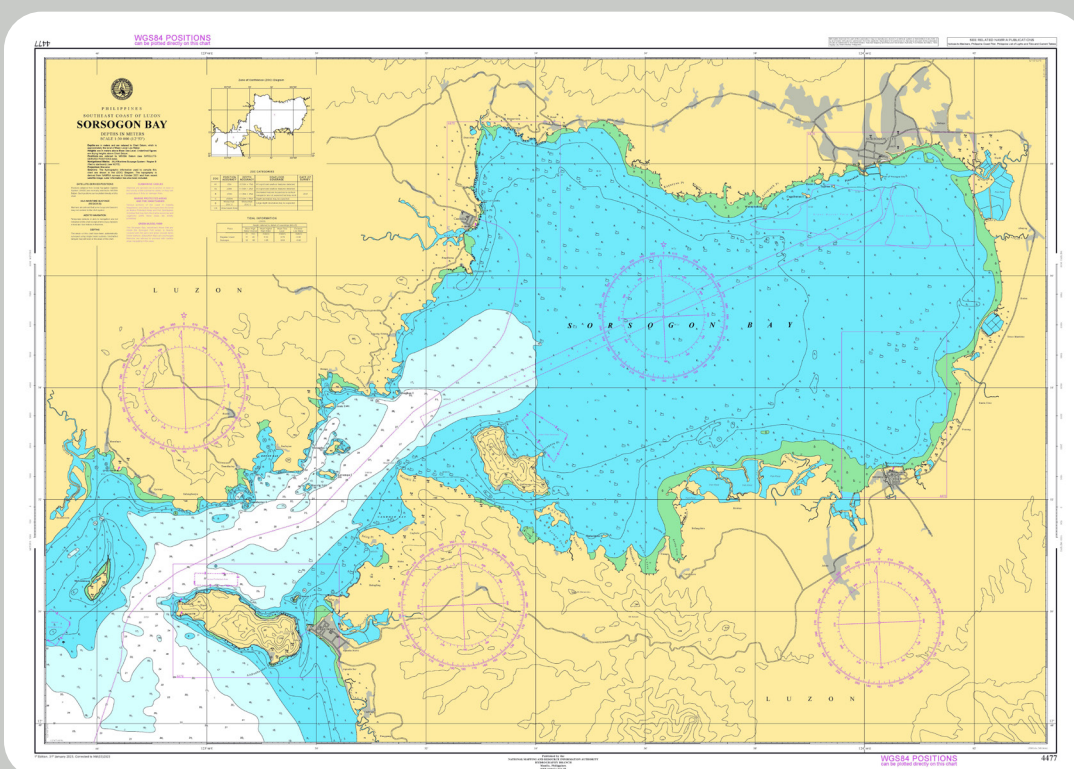
PH5CATIC - Port of Caticlan, PH5CSGBY - Casiguran Bay, PH5POCLP - Port of Calapan, and PH5TILIK - Port of Tilik)

◆ Data Compilation and Updating of Electronic Navigational Charts (ENC)

- Compiled and updated 10 ENC cells (Apo West Pass to Linapacan, Castila Port, Corregidor Island and Caballo Island, Port of Bacolod, Port Capinpin, Port of Casiguran, Port of Magallanes, Port of Tilik, Sorsogon Bay, and Sorsogon City Port)

◆ Research and Development

- Prepared five (5) S-57 cells for conversion to S-101 cells, one (1) report on conversion, one (1) report on high-density bathymetric ENC, and one (1) report on feasibility study for Gridded ENC Scheme



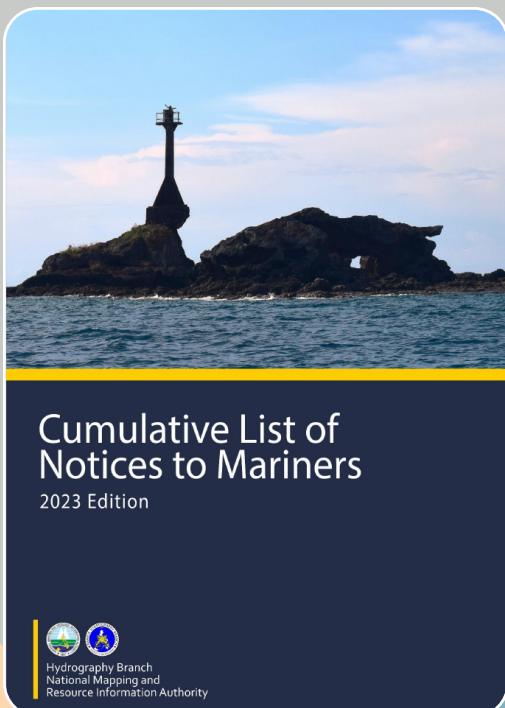
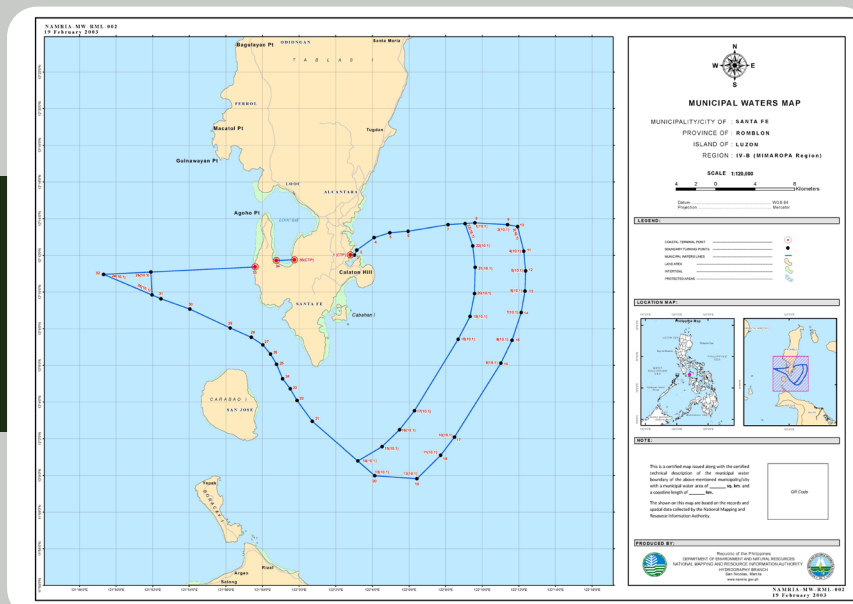
**Compiled Master Chart of Chart 4477 on a scale of 1:30,000**



## Delineation of Maritime Zones and Production of Nautical Publications

- ◆ Provided a total of 111 technical assistance on municipal water delineation to LGUs, national government agencies (NGAs), and other stakeholders
- ◆ Compiled 17 1500-series charts with IW delineation
- ◆ Prepared and submitted 69 Undersea Feature Name (UFN) proposals and compiled one (1) catalogue of 132 UFNs
- ◆ Published one (1) chart catalog and one (1) Cumulative List of Notice to Mariners (NTM) digitally
- ◆ Emailed 410 NW and 12 NTM to subscribers and updated and published information on the NAMRIA website and social media account
- ◆ Produced the 2024 List of Lights and printed 100 copies

### *Municipal Waters Map of Santa Fe, Romblon*



### *Published Cumulative List of Notices to Mariners*

...continued on page 22

# Highlights of t



**NAMRIA establishes AGS and new GCP in Pag-asa Island**



**NAMRIA BRP HYDROGRAPHER VENTURA locates sunken oil tanker**



**NAMRIA leads 2023 International Coastal Clean-up Day in Parañaque City**



**NAMRIA launches PH TIDES mobile app**



# the Year 2023



**NAMRIA attends Sub-Committee on Undersea Feature Names (SCUFN-36) meeting in New South Wales, Australia**



**NAMRIA showcases exhibit on maritime endeavors**



**Indonesian government officials visit NAMRIA**



**NAMRIA brings sea-level rise discussions to the front and center**



## Physical Oceanographic Surveys

- ◆ Maintained 59 tide stations located all over the Philippines
- ◆ Obtained various physical oceanographic data (sea level measurement, tidal data, temperature, density, and salinity)
- ◆ Reobserved two (2) subordinate tide stations (Ando Island, Borongan and Calayan Island, Cagayan)
- ◆ Conducted observation of two (2) current stations (Verde Island Passage and Calayan Island, Cagayan) and two (2) wave stations (Calayan Island, Cagayan; and Calicoan Island, Guiuan, Eastern Samar)
- ◆ Downloaded/retrieved and processed 100% of monthly datasets
- ◆ Updated and maintained the National Oceanographic Data Center
- ◆ Produced the 2024 Tide and Current Tables and printed 2,000 copies
- ◆ Updated tidal information on 48 nautical charts and responded to 100% of client requests







**N**AMRIA conducts nationwide resource assessment and mapping of various thematic geospatial information on land cover, coastal resources, land classification status, existing land uses, and other ENR datasets, among others. The fundamental datasets serve as vital inputs to policy formulation, physical and developmental planning, provision of social services, disaster-risk management, and climate change mitigation and adaptation studies at various levels. The Agency also provides technical assistance to the DENR in support to the Senate of the Philippines and the House of Representatives for the enactment of various legislative measures.



The following were accomplished during the year:

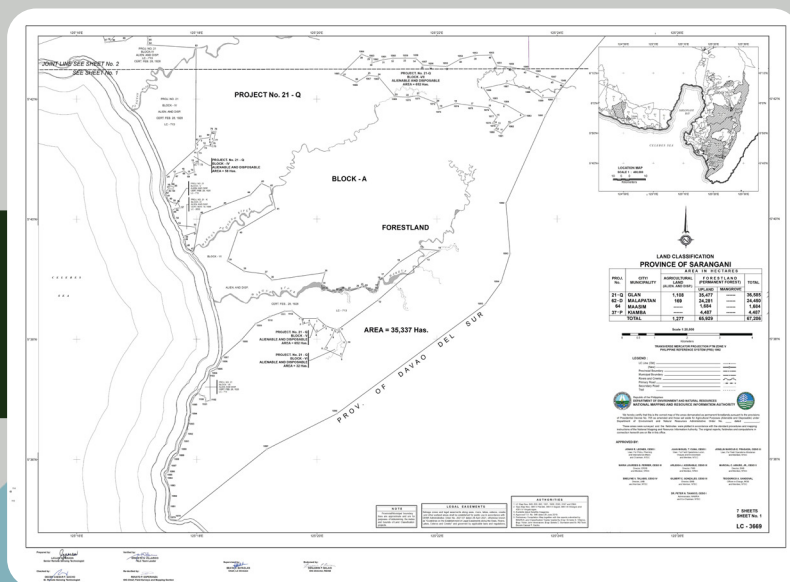
### Forestland Evaluation and Mapping

- ◆ Classified two (2) Unclassified Public Forest sites in the Municipalities of Alabel, Gian, Maasin, and Malungon in Sarangani; and the Municipalities of Buenavista, Catanauan, Gumaca, Lopez, Macalelon, Mauban, Mulanay, Sampaloc, and San Narciso, in the Province of Quezon
- ◆ Produced two (2) proposed land classification maps covering the aforementioned provinces as a result of the survey covering 129,622 hectares of forestlands and alienable and disposable lands



*Ground survey activity in the Province of Sarangani*

*Proposed Land Classification Map No. 3669 Province of Sarangani (Sheet 1 of 7)*





## Land Cover Mapping

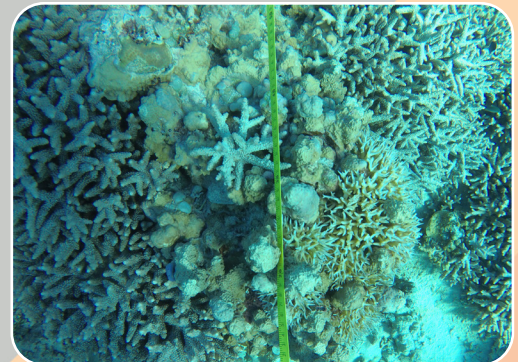
- Produced 13 land cover maps covering the provinces of Batanes, Batangas, Cavite, Guimaras, Laguna, Marinduque, Nueva Ecija, Occidental Mindoro, Oriental Mindoro, Palawan, Quezon, Rizal, and Romblon



*Field validation in the Province of Batanes*

## Coastal Resource Mapping and Assessment

- Produced 12 coastal resource maps covering the provinces of Agusan del Norte, Aklan, Batangas, Capiz, Catanduanes, Dinagat Islands, Iloilo, Occidental Mindoro, Oriental Mindoro, Sarangani, South Cotabato, and Zamboanga del Norte



*Field validation in the Provinces of Aklan (left and middle photos) and Occidental Mindoro (upper and lower right photos)*



## ENR Data Integration

- ◆ Produced five (5) provincial ENR maps covering Apayao, Benguet, Ifugao, Kalinga, and Mountain Province.



*Field validation activities in Baguio City, Benguet*

## Participatory Mapping of Existing Land Uses

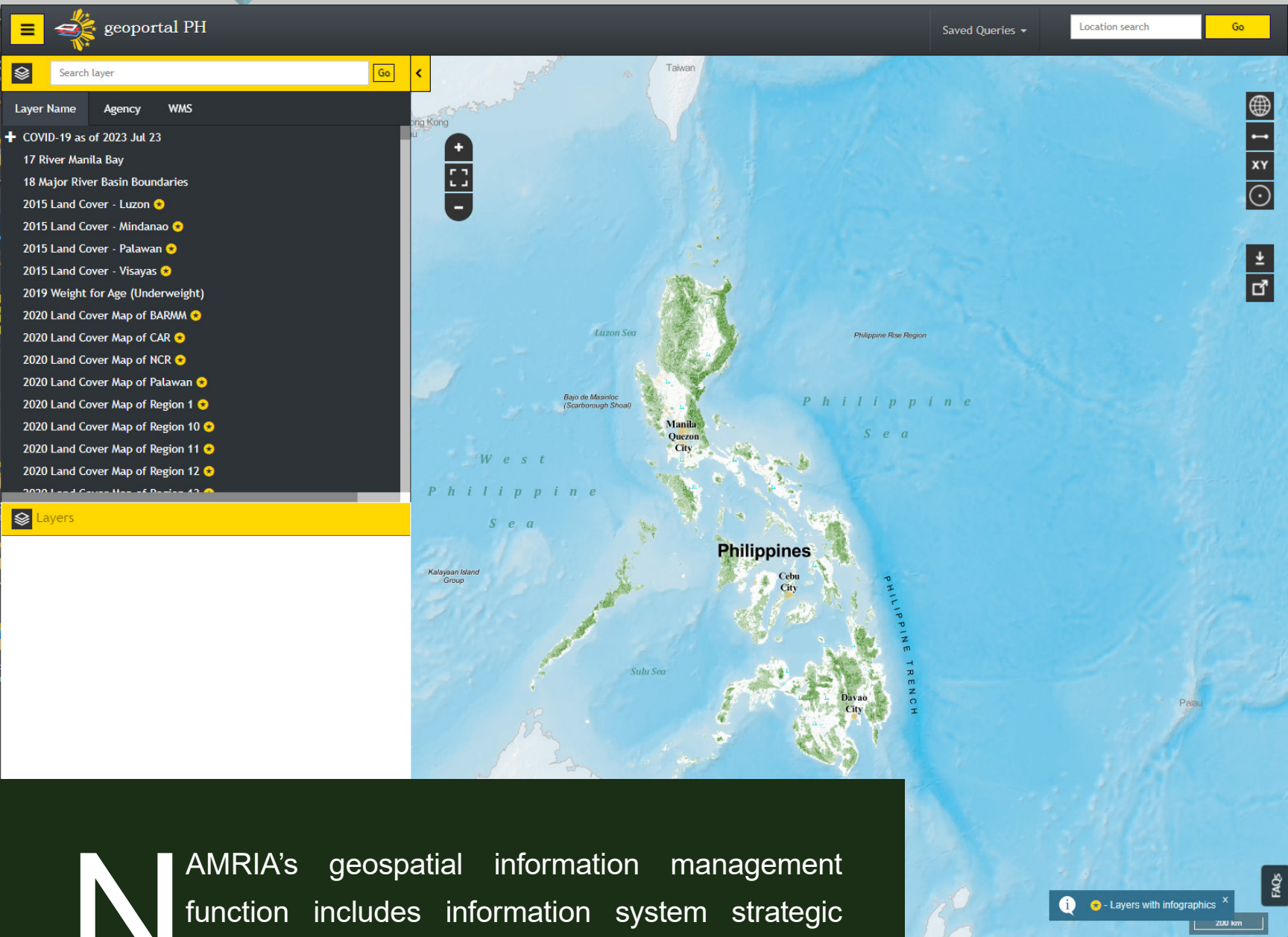
- ◆ Produced one (1) Existing Land Uses Map (ELUM) covering Dinagat Islands

*Consultations and field activities in Dinagat Islands*





# Geospatial Information Management



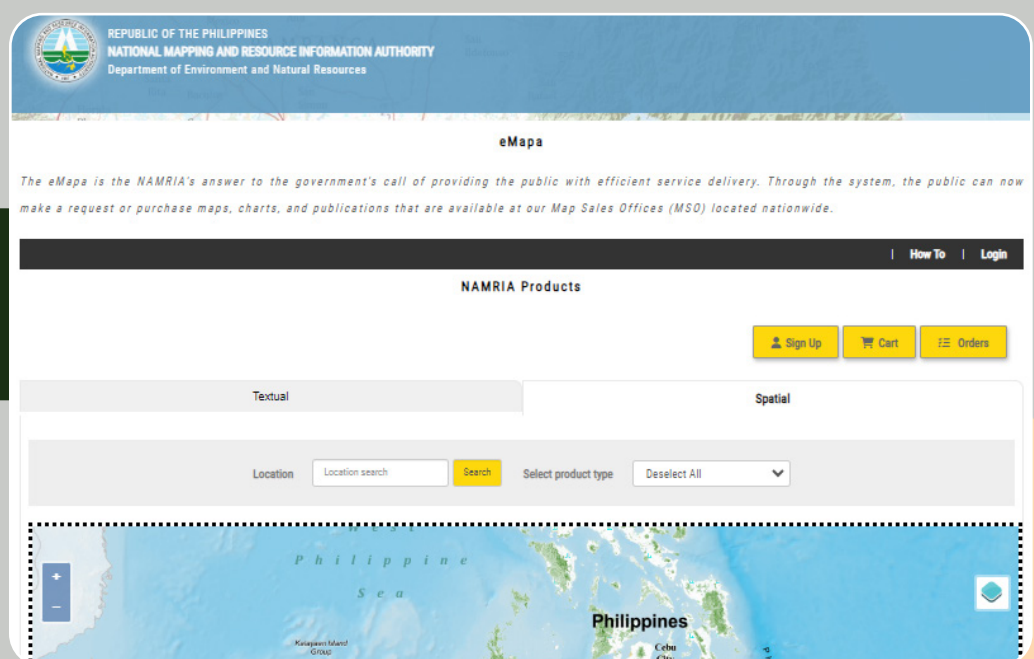
NAMRIA's geospatial information management function includes information system strategic planning; geospatial databasing; information and web system development; information and communications technology resource and network management; GIS project collaboration and technical assistance; GIS trainings; packaging of geospatial information products and services; stakeholder relations and partnership development; information, education, and communication (IEC) activities; and client services.



## Information System Development and Maintenance

- ◆ Developed the Geoportal Philippines:  
Enhanced Map Viewer and Map Builder for geospatial support
- ◆ Developed the following systems for operations support:
  - Strategic Performance Information Management System Version 3 (SPIMS v3)
  - Online Ordering System Phase 3 (OOS Ph3)
    - This system will facilitate the browsing and ordering of available NAMRIA products and services. The first phase focused on the products in the Map Sales Offices (MSO) which are purely analog; the second phase on the digital products; and the third phase on the online payment system.
- ◆ Maintained 37 information systems and continued to update the NAMRIA's website content
- ◆ Monitored the Agency's outcome indicator, Number of hits/access to the online database: As of 31 December 2023, the NAMRIA has a total of 412,743 hits against the annual target of 280,000 for its two (2) websites, [www.namria.gov.ph](http://www.namria.gov.ph) (232,467 hits) and [www.geoportal.gov.ph](http://www.geoportal.gov.ph) (180,276 hits). The huge traffic to the websites is attributed to the increased interest in the Agency's downloadable contents, like the NAMRIA layers categorized as open in the Geoportal Philippines website and the maps, publications, and other resources available at the NAMRIA website.

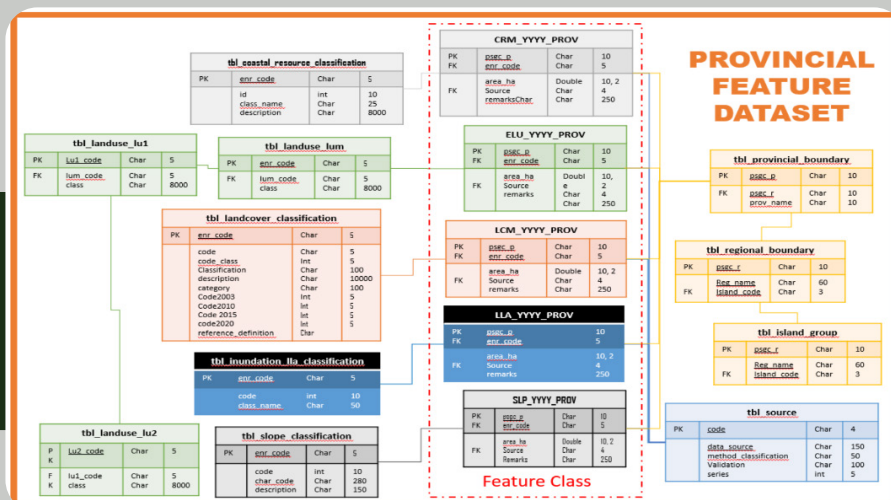
**Screenshot of OOS Ph3**



## Geospatial Database Develepment and Maintenance

- ◆ Finalized database design documents of SPIMS v3 and ENR Enterprise Geodatabase
- ◆ Updated the NAMRIA Operations-Support Database and Geospatial Database
- ◆ Backed-up and maintained existing databases
- ◆ Completed assessment reports based on the results of surveys conducted for LGU GIS Capability Assessment

## Geodatabase relation schema of the ENR Enterprise Geodatabase



## Geospatial Information Services and Production of IEC Materials

- 
- ◆ Packaged and produced four (4) IEC materials (2022 NAMRIA Annual Report, NAMRIA Brochure, Institutional Advertisement, and Infomapper Volume XXVIII) and 67 agency events covered through the NAMRIA Newscoop
  - ◆ Conducted five (5) IEC campaigns/webinars pertaining to National Women's Month, Webinar on the United Nations Integrated Geospatial Information Framework, National Disaster Resilience Month, Philippine Civil Service Anniversary, and National Climate Change Consciousness Week
  - ◆ Addressed 8,514 client inquiries via email, phoned-in, and walk-in queries
  - ◆ Produced six (6) Client Satisfaction Reports (2022 Client Satisfaction Report, 2022 Product Evaluation Report, and 2023 Quarterly Client Satisfaction Reports)
  - ◆ Produced 12 Monthly MSO Sales Reports and one (1) MSO 2022 Sales Report
  - ◆ Conducted 32 regular/Memorandum of Agreement-based trainings on Basic and Advanced Training on GIS using QGIS, and ArcGIS Pro and on Unmanned Aerial Vehicle Mapping for GIS; and produced the 2022 NAMRIA Geomatics Training Center Training Report





Webinar posters

GIS training using drone



## Information and Communications Technology (ICT) Resource Management

- ◆ Performed preventive and corrective maintenance semi-annually to 613 computer systems and maintained one (1) system network at 99.896% operational reliability
- ◆ Concluded one (1) Technology Case Study for NAMRIA Deployment and Utilization and maintained one (1) ICT Resource Management Information System



## General Administration and Support



**G**eneral Administration and Support (GAS) are strategic programs covering Organizational Performance Management, Financial Management, Administrative Support Services, and Engineering Development and Management. These programs are the crucial bedrocks to the efficient implementation of NAMRIA's mandated functions. **Organizational Performance Management** encompasses overall strategic planning, annual planning, policy development and implementation, plan and program monitoring and evaluation, and strategic performance management. These activities ensure that NAMRIA's programs, projects, and undertakings are anchored on national thrusts and priorities and implemented efficiently and effectively; and that individual performance is linked with the agency performance, vision, mission, and strategic goals. **Financial Management** involves NAMRIA budget program and guideline formulation, fiscal control, accounting, and management and internal audit. These activities promote sound financial decision making and judicious utilization of government funds for agency operation and public service delivery. **Administrative Support Services** are strategic services on human resource management and development, property and supply management, records management, cash management, and library management. These services provide the necessary office support essential to the performance and accomplishment of the NAMRIA's objectives. **Engineering Development and Management** entails the development, maintenance, and upgrading of buildings, facilities, vehicles, and technical, scientific, and communication equipment. These activities manage the NAMRIA's infrastructure requirements and warrant the availability and functionality of facilities and equipment. The GAS programs are aligned and supportive of the NAMRIA's strategic goals, championing organizational transformation to enhance organizational performance.



The following were accomplished during the year:

### General Management and Supervision

- ◆ Monitored Agency performance through the conduct of Management Reviews, Quarterly Physical and Financial Performance Reviews, and Staff Meetings
- ◆ Appraised Internal Control System
- ◆ Approved Agency plans, proposals, and reports
- ◆ Provided legal assistance and review of legal documents
- ◆ Continued partnership and collaboration with other agencies and local and international organizations
- ◆ Continued the implementation of the Morale and Welfare Program to ensure the total well-being of employees for utmost productivity and efficiency
- ◆ Ensured the implementation of Quality Workplace Standards through the conduct of 5S Audits
- ◆ Continued the review and enhancement of the Citizen's Charter



**NAMRIA Board of Governors meeting**

**Conduct of earthquake drill and NAMRIA Public Service Continuity Plan pilot testing**



### Organizational Performance Management

- ◆ Accomplished the following for the period:
  - Assessed 2024 Project Folders
  - Prepared 2024 Budget Proposal and Budget Execution Documents
  - Updated medium- and long-term plans
  - Implemented NAMRIA Strategic Performance Management System (preparation of Office Performance Commitment and Review [PCR] targets accomplishments and Branch and Division PCR Assessment Reports)
  - Monitored and consolidated Monthly Accomplishment Reports
  - Prepared agency quarterly, semestral, and annual reports
  - Conducted quarterly Program Review Analysis and Annual Management Review
  - Conducted project field or onsite inspections and prepared Field or Onsite Inspection Reports
  - Reviewed and assessed QMS documents
  - Provided support to management activities such as facilitation of NAMRIA management meetings and Performance Management Team meetings
  - Facilitated activities related to policy development and implementation

## Administrative Support Services

- ◆ Strategic Human Resource Management
  - On Program to Institutionalize Meritocracy and Excellence in Human Resource Management (PRIME-HRM) Initiatives and Recruitment, Selection, and Placement :
    - Conducted PRIME-HRM Assessments; Prepared one (1) FY 2023 Recruitment Plan; 100% (67) of priority vacant positions filled-up, Prepared contracts of Contract of Service employees; and Reviewed the Competency-Based System (CBS)-Job Description of priority positions
  - On Individual Performance Management:
    - Prepared two (2) Summary of Individual Performance Ratings, one (1) Performance-Based Bonus Evaluation Matrix (Form 1.0) submitted to AO25 Technical Working Group; Updated the CBS Manual; Drafted the approved NAMRIA Career and Succession Development Program, the NAMRIA Onboarding Program for New Employees, and the NAMRIA Pre-retirement Program Guidelines
  - On L&D:
    - Prepared the approved 2023 L&D Plan and Training Calendar
    - Implemented 12 L&D activities
  - On Rewards and Recognition:
    - Granted 100% of awards based on the NAMRIA Program on Awards and Incentives for Service Excellence Guidelines
  - On HRIS Management:
    - Updated seven (7) HR Databases (HRIS, Personal Services Itemization and Plantilla of Personnel, Electronic Personal Data Sheet, Online Leave Application, NAMRIA Viewer Payslip System, L&D Management System, and Competency-Based Assessment Management System) monthly
    - Produced one (1) HR Dashboard
  - On Compensation and Benefits :
    - Processed 100% (2,251) compensation and benefit documents on time
  - On Collection, Review, and Submission of Statement of Assets, Liabilities and Networth (SALN) :
    - Reviewed 100% of SALN and submitted one (1) SALN Report to the Civil Service Commission and the Office of the President on time
- ◆ On Acquisition and Management of Goods and Services:
  - Processed 100% (215) of Purchase Requests; Accepted 100% (153) of delivered Purchase Orders and Work Orders; Prepared two (2) Supplier Performance Evaluation Reports, one (1) Annual Procurement Plan, four (4) Reports of Supplies and Materials Issued, one (1) Agency Report on Physical Count of NAMRIA Property, Plant, and Equipment, 12 Monthly Inventory and Inspection Reports, and one (1) Inventory and Inspection Report of Unserviceable Semi-Expandable Equipment submitted to Appraisal Committee; Issued 100% (1,035) Property Acknowledgement Receipt and Inventory Custodian Slip
- ◆ On Records Management:
  - Disseminated and processed internal and external communications - 100% (1,957) of internal and 100% (4,490) external documents
  - Compiled one (1) 2022 Report of Branch Annual Records Inventory and Appraisal; Prepared the approved one (1) Records Disposal Report per National Archives of the Philippines
  - Created/revised 100% of QMS documents in the master list released within five (5) days upon approval; Created/ revised 100% of NAMRIA forms registered and disseminated within five (5) days upon approval
- ◆ On Cash Management:
  - Prepared 100% (179) Report of Checks Issued for List of Due and Demandable Accounts Payable-Advice to Debit Accounts and Check Folders; 12 Reports on Accountability for Accountable Forms for Checks; 12 Check and Advice to Debit Account Disbursement Records; 24 Reports of Collection and Deposits; 12 Summary of Collection and Deposits submitted to the Bureau of Treasury not later than the first week of the following month; and 12 Reports on Accountability for Accountable Forms for Official Receipts submitted to the Commission on Audit on the first week of the following month
- ◆ On Library Management:
  - Acquired, circulated, preserved, and processed library materials



## Financial and Management Services

### ◆ Financial Management

- Prepared and processed disbursement vouchers and remittances
- Prepared and submitted financial reports and statements
  - 12 Financial Performance Reports
  - Four (4) Quarterly Budget and Financial Accountability Reports
  - Consolidated agency budget proposal
- Quarterly Status Report on Cash Advances Granted and Liquidated
- 12 Financial Statements
- Prepared and submitted 36 Bank Reconciliation every 20th day of the month
- 12 Status of Funds
- 12 Reports on Property, Plant, and Equipment

## Engineering Development and Management

- Performed preventive and corrective maintenance of all NAMRIA vehicles, and provided transportation services to Agency officials and employees
- Performed preventive and corrective maintenance of scientific, technical, and communication equipment
- Performed maintenance and repair of buildings, appurtenances, power stations, grounds, and air conditioning and plumbing systems



**Engineering personnel provides support in the establishment of AGS in Pag-asa Island**





**N**AMRIA, in partnership with the DENR and other concerned institutions, conducts and participates in various GAD programs/activities. The Agency's GAD program aims to heighten the awareness and understanding of employees on GAD concepts and agenda, such as the protection of children and the enhancement of the role of women in their various endeavors.



## Accomplishments under the NAMRIA GAD program are as follows:

- ◆ Produced and distributed GAD IEC materials
- ◆ Conducted 14 activities under the 2023 Women's Month Celebration and six (6) activities under the Observance of the 18-Day Campaign to End Violence against Women (VAW)
- ◆ Prepared and submitted the 2024 GAD Plan and Budget and the 2022 GAD Accomplishment Report
- ◆ Maintained a lactation station and the NAMRIA Day Care Center
- ◆ Maintained and enhanced the GADIS
- ◆ Conducted one (1) IEC on GADIS
- ◆ Trained GAD Focal Point System members for the GAD Resource Pool
- ◆ Conducted the following trainings and lectures with the NAMRIA GFPS as resource persons and facilitators:
  - GAD Capacity Building for DENR Region IV-A (CALABARZON)
  - Gender Sensitivity Training (GST) for Public High School students and teachers of Western Bicutan National High School, Taguig, City; and Benigno Ninoy S. Aquino National High School, Makati City
  - GST for Philippine Navy Headquarters Philippine Fleet (various units onsite and aboard ships)



*GST for public high school students and teachers of Western Bicutan National High School, Taguig City*

*Conduct of 2023 National Women's Month advocacy events*

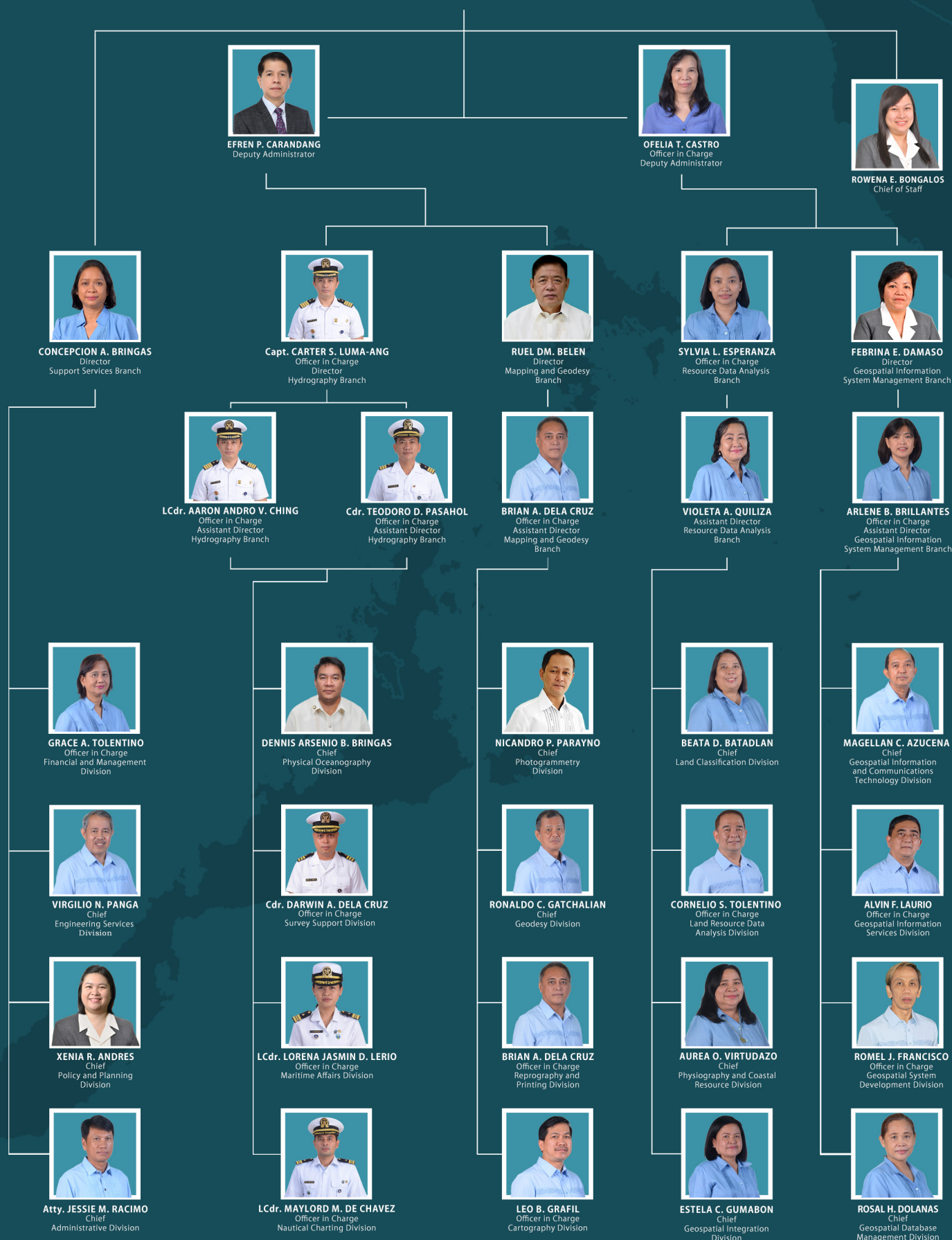


# NAMRIA



**Usec. PETER N. TIANGCO, PhD, CESO I**  
ADMINISTRATOR

# ORGANIZATIONAL CHART





# FINANCIAL REPORT

## STATEMENT OF FINANCIAL POSITION ALL FUNDS AS OF DECEMBER 31, 2023

		<u>2023</u>	<u>2022 (As Restated)</u>
<b>ASSETS</b>			
<b>Current Assets</b>			
Cash and Cash Equivalents	P	39,773,726.80	P 24,854,452.14
Receivables			1,126,971.66
Inventories		30,227,472.42	18,376,806.27
Other Current Assets		6,605,916.21	4,420,302.98
<b>Total Current Assets</b>		<u>76,607,115.43</u>	<u>48,778,533.05</u>
<b>Non-Current Assets</b>			
Receivables		1,294,958.57	1,673,435.75
Property, Plant and Equipment		887,740,377.74	1,067,211,941.51
Intangible Assets		1,004,489,267.69	1,032,965,854.09
Other Non-Current Assets		13,141,709.52	9,057,991.10
<b>Total Non-Current Assets</b>		<u>1,906,666,313.52</u>	<u>2,110,909,222.45</u>
<b>Total Assets</b>		<u>1,983,273,428.95</u>	<u>2,159,687,755.50</u>

## LIABILITIES AND NET ASSETS/EQUITY

<b>Current Liabilities</b>			
Financial Liabilities		102,987,768.19	129,476,407.93
Inter-Agency Payables		17,206,331.02	23,311,978.13
Due to Operating Units		-	24,635,126.31
Other Payables		400,148.54	2,507,290.15
<b>Total Current Liabilities</b>		<u>120,594,247.75</u>	<u>179,930,802.52</u>
<b>Non-Current Liabilities</b>			
Trust Liabilities		1,671,005.19	3,865,373.66
<b>Total Non-Current Liabilities</b>		<u>1,671,005.19</u>	<u>3,865,373.66</u>
<b>Total Liabilities</b>		<u>122,265,252.94</u>	<u>183,796,176.18</u>
<b>Total Assets less Total Liabilities</b>		<u>1,861,008,176.01</u>	<u>1,975,891,579.32</u>
<b>Net Assets/Equity</b>			
Accumulated Surplus/(Deficit)		1,861,008,176.01	1,975,891,579.32
<b>Total Net Assets/Equity</b>		<u>1,861,008,176.01</u>	<u>1,975,891,579.32</u>

# MAP SALES OFFICES

REGION	ADDRESS	MSO STAFF	CONTACT NUMBER
National Capital Region (NCR) - Taguig City	Lawton Avenue Fort Andres Bonifacio Taguig City	Dante A. Rosette, Jr. Ana Victoria A. Labor Marlon Y. Aguilar	(02) 8810 4831 to 42 local 431 (02) 8810 54 67 0956 5587584 0915 2777903
NCR - Manila City	421 Barraca Street San Nicolas, Manila	SN3 Marilou B. Cinco Romeo B. Brizuela Mary Jane M. Montano	0966 8523814 (02) 8245 94 98 (02) 8241 3495 local 117
NCR - Quezon City	FMB Building DENR Compound Visayas Avenue, Quezon City	Sherry Ann S. Perez Glenn M. De Jesus	0999 6079193 0928 4497159
Region I - La Union*	DENR Government Center Sevilla, City of San Fernando La Union		
Region II – Cagayan	DENR-Land Evaluation Party Building II, Carig, Tuguegarao City	Rubilyn T. Pulpulaan	09176519625
Region III - Pampanga	DENR Compound, Diosdado Macapagal Government Center Maimpis, City of San Fernando Pampanga	Rosalina M. Libunao	0991 3509756
Region IVA - Batangas	Provincial Planning and Development Office Capitol Complex, Batangas City	Engr. Leda P. Velasquez	0961 4552583
Region IVB - Palawan	DENR-PENRO - Santa Monica, Puerto Princesa City, Palawan	Juvy B. Sarmiento Corazon L. Zeñarosa	0916 203 8041
Region V - Albay	DENR Operation/Survey Division Rizal Street, Sagpon Legazpi City	Isabelita T. Climaco	09063363033
Region VI – Iloilo*	Manuel Lagunilla Building, DENR Compound, Parola Iloilo City		
Region VII - Cebu	DENR-CENRO Building, Arellano Boulevard corner V. Sotto Street Pier 3, Cebu City	Melchor E. Togonon Renato B. Alcontin, Jr.	
Region IX - Zamboanga City	DENR CENRO West General Vicente Alvarez Street, Zone 4 Zamboanga City	Annete P. Flores	0955 892 8777
Region IX – Zamboanga del Sur	President Corazon C. Aquino Regional Government Center Balintawak, Pagadian City	Lucero A. Santillan	0935 5962917
Region X - Misamis Oriental	DENR Building Macabalan, Cagayan de Oro City	Jennifer D. Bagamaspad	0966 8524887
Region XI - Davao del Sur	Kilometer 7, SPED Road Bangkal, Davao City	SN1 Eduardo A. Deocampo	0915 6127770 0966 8523825
Region XII - South Cotabato	3rd Floor, DENR Building Land Evaluation Survey Section Aurora Street, Barangay Zone IV Koronadal City, South Cotabato	Jeanyluz B. Bautista	0909 9324745
CARAGA, Region XIII Agusan del Norte	DENR Regional Office Land Management Building Ambago, Butuan City	Maricar E. Siega	0948 3619452

\*Temporarily closed

As of December 31, 2023





Prepared by the  
GEOSPATIAL INFORMATION SERVICES DIVISION  
Geospatial Information System Management Branch  
in coordination with the Policy and Planning Division and  
the other NAMRIA Branches

[www.namria.gov.ph](http://www.namria.gov.ph)