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The year 2018 was made very memorable by NAMRIA’s receiving three great blessings for 2018. First, it achieved the prestigious Investors in People accreditation until 2020, for international standards on good people management practices. Second, it was conferred by the Civil Service Commission with the Bronze Award for having managed and implemented its human resource management (HRM) systems under the Program to Institutionalize Meritocracy and Excellence in Human Resource Management (PRIME-HRM).

Finally, it worked for its quality management system recertification from ISO 9001:2008 to ISO 9001:2015 for mapping and geospatial information management, valid until 2021. These awards and distinctions on people and process management significantly contributed to the accomplishment of the agency’s program and activity targets for the year in review.

The agency implemented activities based on its five major programs, namely, (1) Hydrographic and Oceanographic Survey and Nautical Charting, (2) Topographic Mapping and Geodetic Network, (3) Resource Mapping and Assessment, (4) Data Processing and Updating including Resource Information Management and Statistical Services, and (5) General Administration and Support. NAMRIA also implemented activities for special and locally funded projects, namely, Participatory Mapping of Existing Land Uses Using Remote Sensing and Geographic Information System (GIS) Technology, Philippine Health Atlas Project Phase III, and NAMRIA Geospatial Data Infrastructure.

Highlighting the year 2018 are several other activities and accomplishments. These include the culmination of the agency’s four-year leadership of the United Nations Group of Experts on Geographical Names Asia South-East (UNEGGN-ASE) Division, marked by its successful organization and hosting of the first Regional Training in Toponymy, including Marine Toponymy for the Philippines and the Sixth UNGEGN-ASE Division Meeting.

The agency continued to serve as the official representative of the Philippines to the United Nations-Global Geospatial Information Management (UN-GGIM) Committee of Experts. It is the principal author of the UN-GGIM Strategic Framework on Geospatial Information and Services for Disasters and, to date, spearheads its local implementation.

NAMRIA likewise completed its assigned technical work for the Boracay Inter-Agency Task Force chaired by DENR Secretary Roy A. Cimatu, in time for the reopening on 26 October 2018 of Boracay island. The agency’s participation in the task force was very crucial since the survey monuments it established in 2007 served as markers for the island’s 25 + 5-meter shoreline easement, and these reference points were the bases in demolishing erring establishments to implement the easement rule. On 15-16 May 2018, the agency participated in the commemoration of the country’s successful efforts to claim Philippine ownership of the Extended Continental Shelf in the Benham Rise Region, now called Philippine Rise.

In 2018, NAMRIA continued to conduct the regional information, education, and communication (IEC) campaign on the modernization of the Philippine Geodetic Reference System. During the year, the agency conducted regional IEC events in the cities of Baguio, Legaspi, and Tagaytay. Finally, the agency was featured in the learning event of Asia Organization Development Network held in Cebu on 24-26 October 2018. The agency shared stories during the event on the various organization development (OD)-based initiatives it has undertaken for its change and transformation journey.
In 2018, NAMRIA also continued to undertake the following major undertakings: the Unified Mapping Program; Geoportal Philippines, under the Philippine Geospatial Data Infrastructure; production of large- and medium-scale topographic maps; inventory of Philippine islands, spanning 67 coastal provinces across the country; development and maintenance of the Philippine Geodetic Vertical Datum 2020; resource assessment and mapping projects to update data on land cover, coastal resources, coastal low-lying areas vulnerable to sea-level rise, and land classification, including integration of ENR datasets; compilation and updating of nautical charts, conduct of hydrographic and oceanographic surveys, publication of nautical products, provision of technical support in the delineation of the country’s maritime zones and boundaries as well as for marine scientific research, and preparation of proposals for naming undersea features; and serving as the national hydrographic office and the focal point for the International Hydrographic Organization and the East Asia Hydrographic Commission.

The agency continued to extend technical assistance to various government Departments and interagency bodies dealing with maritime territorial issues. It participated in bilateral and multilateral talks with negotiating countries and helped craft Philippine positions on various maritime and ocean concerns.

The agency likewise participated in various international meetings, such as those of the Sub-Committee on Undersea Feature Names of the General Bathymetric Chart of the Oceans in New Zealand, East Asia Hydrographic Commission (EAHC) Cartography and Hydrography Committee in Thailand, EAHC Training Research and Development Center-Board of Directors and Steering Committee in China, and International Maritime Organization in United Kingdom.

The agency continued its morale and welfare as well as learning and development activities like team engagement workshops, cascading of updates on HROD policies and programs to employees, and training on GIS for government agencies, local government units, academia, private individuals, and corporations. These activities have resulted in enhanced employee engagement and improved client satisfaction ratings over the years.

The agency also observed major significant events for 2018, such as the National Women’s Month Celebration, World Hydrography Day, the Anniversary of the Philippine Civil Service, Maritime and Archipelagic Nation Awareness Month, National Climate Change Consciousness Week, and the 18-Day Campaign to End Violence against Women.

As part of NAMRIA’s corporate social responsibility, it conducted two activities under its Bayanihang Bayan Desk. The agency was able to raise cash donations to help individuals with cerebral palsy and other motor-related disorders under the care of the Philippine Cerebral Palsy, Inc., through its Search for Mister NAMRIA Bayanihang Bayan 2018 contest. The agency also gathered donated brand-new school and office supplies, toiletries, and pre-loved clothes, bags, and home essentials, including a pediatric wheelchair and crutches to students with disabilities/special needs. These were later turned over to flood victims of Barangay Daraitan, Tanay, Rizal.

With its technical expertise and a dynamic workforce, NAMRIA is even more prepared and committed to giving its support to the administration of President Rodrigo Duterte and to DENR Secretary Roy Cimatu. The agency will continue to provide support to Congress in the deliberations on priority bills on maritime zones, archipelagic sea-lanes, comprehensive land use, protected areas and tourism sites, among others. For the DENR, the agency will 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.

NAMRIA looks forward to the future with even greater zeal to provide quality geospatial information and services, and further contribute, through its accomplishments, to building a geospatially-empowered Philippines.

Usec. PETER N. TIANGCO, PhD
Administrator
NAMRIA produces topographic base maps at various scales, in print or digital format, for use by the national government agencies, local government units (LGUs), academia, scientific community, and the private sector. They are used as basic tools in development planning, disaster-risk reduction and management, investment and research activities, among others. They 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 (e.g., at 1:10,000 scale or larger) generally cover smaller areas but show more details. NAMRIA likewise produces updated administrative maps showing the political boundaries of provinces, regions or municipalities.
The following were accomplished during the year:

**Large-Scale Topographic Mapping (1:10,000 scale)**

- Enhanced 55 map sheets, at 1:10,000 scale, covering Balanga City, Bataan; Coron-Busuanga, Palawan; San Carlos City, Pangasinan; and databased 115 map sheets covering Bataan, Pangasinan, and Zamboanga del Sur.

- Under the second phase of the Philippine Islands Inventory Project (PIIP), completed the delineation of shoreline and landforms classification with a total inventoried islands based on most recent data source to 7,853 covering 66 coastal provinces of the Philippines, including Palawan.

- Delivered and evaluated the 360 orthoimages and line maps, at 1:4,000 scale, covering Butuan, Cagayan de Oro, and Davao.

Medium-Scale Topographic Mapping (1:50,000 scale)

- Completed the enhancement of 45 map sheets, at 1:50,000 scale, covering Batanes, Biliran, Bohol, Cagayan, Cebu, Eastern Samar, Palawan, Quezon, and Samar
- Updated 47 map sheets covering Abra, Bohol, Cagayan, Cebu, Eastern Samar, Ilocos Norte, Ilocos Sur, Marinduque, Negros Occidental, Palawan, Pangasinan, Quezon, and Siquijor
- Completed the geodatabase of 66 maps covering Mindanao
- Completed 5 map sheets, at 1:250,000 scale, covering Balabac Island, Brookes Point, Cuyo, and Sibutu island

Completed map sheet of Brookes Point of the Province of Palawan at 1:250,000 scale
Administrative/Special Mapping

♦ Produced 12 provincial maps covering Bulacan, Eastern Samar, Iloilo, Isabela, Laguna, Negros Occidental, Negros Oriental, Northern Samar, Nueva Ecija, Quezon, Rizal, and Samar

♦ Produced 2 regional maps covering Region II and Cordillera Administrative Region (CAR)

♦ Accomplished the targeted activity involving the Philippine Road Atlas of Visayas Island

Printing of Maps, Charts, and Publications

♦ Reproduced/printed 130 sets of topographic/administrative maps and nautical charts

♦ Printed copies of the 2019 Tide and Current Tables, NAMRIA centennial calendar, and NAMRIA 2019 calendar and planner

Administrative map of the Province of Quezon at 1:200,000 scale
Under this core function, NAMRIA conducts hydrographic and oceanographic surveys; produces nautical charts and maritime publications; and operates and maintains survey vessels, tide stations, and other related facilities. The technical data generated contribute to ensure safety of life at sea, support climate change mitigation and adaptation, and are used to delineate and delimit the country’s different maritime zones. These also support the requirements for infrastructure development, environmental management, resource exploration and exploitation, and scientific research.
The following were accomplished during the year:

**Hydrographic Surveys**

- Conducted hydrographic surveys in the Philippine Archipelagic Waters (sea lanes) covering Moro Gulf, Panay Gulf, and Sulu Sea.

- Conducted hydrographic surveys in 5 ports and harbors, namely: Bicobian Bay, Boracay Island, Port of Bauan, Port of Cawit, and Subic Bay Freeport Zone (SBFZ)/Pag-asa Island Ext.

- Performed routine preventive and corrective maintenance of 4 survey vessels, 2 rubber boats, 2 motor launches, and 4 skiffs.

- Collected 12-month magnetic values at the magnetic observatory in Muntinlupa City and re-observed 16 repeat stations.

![Hydrographic Smooth Sheet: Hydrographic Survey of Bauan, Batangas](image)
Nautical Charting

- Compiled and enhanced the following charts:
  - 8 harbor charts: Coron, El Nido, Isabel, Jagna, Lawak Is., Ormoc, Patag Is., and Potipot Island
  - 6 coastal charts: chart nos. 1503, 1510, 1513, 1516, 1556, and 1565
- Updated and manually corrected 2,004 printed nautical charts based on feedback from issued Notice to Mariners and other information
- Updated the following charts:
  - 2 approach charts: chart nos. 4464 and 4645
  - 1 Exclusive Economic Zone chart: chart no. 4725A
  - 2 general charts: chart nos. 5001 and 5005
  - 10 electronic navigational charts (ENC): Approaches to San Carlos & Toledo, Corregidor, Iligan, Lawak, Pag-asa, Patag, Port of San Carlos, Port of Toledo, Potipot Island, and San Juanico
  - 10 Master Charts: 3 ports & harbor, 5 coastal, 1 general, 1 ENC
  - 7 coastal charts: chart nos. 1504, 1507, 1509, 1511, 1514, 1557, and 1560

*Updated electronic navigational chart of San Juanico Strait and Janabatas Channel at 1:30,000 scale*
Maritime Publications

- Published 12 editions of Philippine Notices to Mariners
- Furnished 12 monthly compiled Notice-to-Mariners free of charge to the maritime public and foreign hydrographic offices to ensure safety of life at sea and environmental protection
- Edited Volume 1 and 2 manuscript of the Philippine Coast Pilot Book, 7th edition
- Published *Philippine List of Lights*, 2019 edition
- Compiled 12 coastal charts with maritime zones
- Provided 80 LGUs with technical assistance on the delineation of municipal waters

The maritime publications of *Philippine Notices to Mariners* and *2019 Philippine List of Lights*
Physical Oceanographic Surveys

- Produced the 2019 *Tide and Current Tables*
- Inspected and releveled 47 tide stations
- Repaired 3 tide stations
- Re-observed 2 subordinate tide stations
- Observed tidal current and waves in 2 tide stations
- Issued 64 certifications on oceanographic information
- Updated tidal information on 50 nautical charts

Deployment of ADCP Current Meter at Iloilo Strait with Engr. Jan Bryan Navarro, Mr. Shelmark Peñaranda and Mr. Edwin Jacinto

Establishment of Subordinate Tide Station in Baybay and Maasin, Leyte
NAMRIA develops and maintains the Philippine Reference System of 1992 (PRS92) which serves as the standard geodetic reference for all mapping and surveying activities in the country. Regular upgrading of the country’s horizontal and vertical control network ensures the reliability, completeness, and accuracy of PRS92 as a geodetic reference network. Activities include alignment of PRS92 geodetic control points (GCPs) to the International Terrestrial Reference Frame (ITRF); reobservation of GCPs; conduct of interisland benchmark connections; establishment of additional satellite-based Active Geodetic Stations (AGS); second-order geodetic leveling in major cities of the country; and conduct of gravity measurements nationwide to further refine the Philippine Geoid Model established during the year 2017.
The following were accomplished during the year:

**Geodetic Network Development**

- Re-observed 600 1st- and 2nd-order GCPs in Regions V and VI
- Maintained 40 AGS and control center for the operation of the Philippine Active Geodetic Network or PageNET, the country’s basic geodetic referencing infrastructure
- Established 5 AGS in CAR: Gumaca, Quezon; Ilagan, Isabela; Pagadian City; and Sorsogon
- Maintained 1,000 GCPs and relevelled benchmarks (BM) in the island of Cebu
- Selected 6 sites for establishment of AGS
- Issued 217 Certifications on Control stations as references for survey and mapping activities
- Conducted an information, education, and communication campaign in Regions CAR, IV-A, and V to educate and inform the surveying community about NAMRIA’s Modernization of the Philippine Geodetic Reference System (PGRS)
- Conducted 2 research and development projects in partnership with the University of the Philippines, namely: (a) Implications of Datum Change to Land Titling; and (b) Strategy on Geographic Data Transformation

![Map showing the 6 sites for establishment of AGS](image-url)
NAMRIA conducts nationwide resource mapping and assessment of various thematic geospatial information on land cover, coastal resources, low-lying areas vulnerable to sea-level rise, and upland/forestland population including validation of protected areas 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. In addition, the agency continues to provide information on the classification of lands of the public domain. NAMRIA also provides technical assistance to the DENR in support to the Senate and the House of Representatives for the enactment of various legislative measures.
The following were accomplished during the year:

**Forestland Evaluation and Mapping**

- Validated and produced, thru ground assessment and survey, 3 land classification (LC) maps (subject for approval of National Technical Evaluation Committee and DENR Secretary) covering the municipalities of: Casiguran & Dilasag in Aurora, Mambusao & Sapijan in Capiz, and Sogod & Mahaplag in Negros Occidental.


- Validated and rectified 3 LC maps for amendment (subject for approval of National Technical Evaluation Committee and DENR Secretary) covering the provinces of: Bukidnon (LC-3631), and Nueva Vizcaya (LC-1190 & LC-1985).

*Preliminary Land Cover Map of the Province of Aurora at 1:895,000 scale*
Land Cover Mapping

- Updated and presented new-cycle land cover maps called 2020 Land Cover Map to DENR Regional Offices for verification/comments covering 20 provinces, namely: Albay, Aurora, Bataan, Bohol, Bulacan, Camarines Norte and Camarines Sur, Catanduanes, Cebu, Marinduque, Masbate, Nueva Ecija, Occidental and Oriental Mindoro, Pampanga, Romblon, Siquijor, Sorsogon, Tarlac, and Zambales
Coastal Resources Mapping and Assessment

♦ Produced 17 coastal resource maps covering the following provinces:
  Agusan del Norte, Catanduanes, Cotabato City, Dinagat Island, Eastern & Western Samar, Ilocos Norte, La Union, Maguindanao, Northern Samar, Occidental and Oriental Mindoro, Siquijor, Southern Leyte, Surigao del Norte, Surigao del Sur, and Zamboanga del Norte

Coastal resource map of the province of Agusan del Norte at 1:150,000 scale
Mapping and Assessment of Low-lying Areas Vulnerable to Sea-Level Rise

- Presented final map output (vulnerability map) of 67 coastal provinces nationwide accepted by the LGUs

Integration and Assessment of ENR Datasets

- Conducted inventory of existing land uses within forestland and of ENR data of 12 provinces, namely: Agusan del Norte, Agusan del Sur, Batanes, Bukidnon, Camiguin, Compostela Valley, Davao del Norte, Davao Oriental, Ifugao, Sarangani, South Cotabato, and Zamboanga del Norte

- Uploaded geospatial data to the NAMRIA Resource Data Analysis Branch server
AMRIA’s geospatial information management functions include the development of Geographic Information System (GIS) applications and databases; the management of web-based systems; the packaging of products and services; and the dissemination of geospatial information to national government agencies, LGUs, the academia, the business sector, technical and scientific organizations, and the general public. The agency is also at the forefront of developing the Philippine Geoportal. The Philippine Geoportal envisions a common, web-based facility for sharing of geospatial information including online service for standard multiscale basemaps that can be used by various stakeholders for their thematic data integration.
The following were accomplished during the year:

**Geospatial Database Development and Maintenance**

- Database Development:
  - Analysed 4 data requirement for Strategic Performance Information Management System (SPIMS), Competency-Based Assessment Management System (CBAMS), Data Builder for SSB and GISMB, and Request for Action Management System (RFAMS)
  - Developed 4 database designs documents with test database for: SPIMS, CBAMS, Data Builder for SSB and GISMB, and RFAMS
  - Updated the NAMRIA database for all information systems (Geoportal Philippines and NAMRIA Geoportal Information Management System)

- Assessed and coordinated with LGUs on LGU GIS Capability

- Technical Assistance to:
  - Provision of resource persons for GIS trainings

**Information Systems Development and Maintenance**

- Developed 8 systems: SPIMS v2.0, CBAMS, L&D Report Generator & Distinction/Rewards & Recognition Report Generator (DRRRG), Database Synchronization Tool, Data builder for SSB & GISMB, Payslip viewer, leave balances viewer, and RFAMS

- Developed and implemented 6 computer programs: GTC Information System v2.0, Document Tracking System (DTS) v2.0, SPIMS v2.0, CBAMS, L&D Report Generator & Distinction/Rewards & Recognition Report Generator, and Database Synchronization Tool

- Maintained 18 systems for: CCS, DRIMS, GNIS, GTCIS, NLA, NPASIS, NVMS, NPFIS, NWCMS, NWIMS, PMS-Data and control center, PISMod-ePDS, PARMS, E-Form LGU GIS, Tide Gauge Benchmark Databasing System, DJIS v2.0, CRMS, and KMS;

- Uploaded the Transparency Seal and Good Governance requirements

- Updated the NAMRIA Website

- Submitted Concept Paper on NAMRIA Facilities, Information Management System
Information and Communications Technology (ICT) Resource Management

- Performed preventive and corrective maintenance for 652 computer systems
- Conducted administration, monitoring, and troubleshooting for network/data center
- Updated inventory list of computer systems
- Researched on the technology case study for NAMRIA deployment and utilization for the maintenance of ICT Resource Management Information System

Geospatial Information and Communications Technology Division-GISMB employee performs troubleshooting for network/data center
Geographic Information Services and Production of NAMRIA Information, Education, and Communication (IEC) Materials

- Served 6,752 clients thru e-mail, phone and walk-in queries in MSO, ICSU, and archives
- Prepared 4 quarterly Client Satisfaction Reports for 2018, one (1) 2017 Client Satisfaction Report, one (1) 2017 Client Needs Assessment Report, and one (1) 2017 Map Sales Analysis Report
- Conducted 39 trainings (regular/special/MOA-based)
- Conducted 4 IEC activities, 21 tours of the agency's facilities, and 1 MSO technical capability enhancement workshop
- Converted 66 analog video tapes to digital format and preserved at GISD archives; and inventoried GISD archives holdings
- Maintained NGTC; One-Stop-Shop; and NAMRIA Museum facilities and artifacts
- Prepared and printed NAMRIA FY 2017 Annual Report, Infomapper, 61 Newscoop articles, and 8 speeches/messages
- Set up photo/map exhibits; photo and video documentation; and graphic arts/digital layout design for various NAMRIA projects and events/activities
General Administration and Support Services (GASS) 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 encompass overall strategic 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 able performance and accomplishment of 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 NAMRIA’s infrastructure requirements and warrant the availability and functionality of facilities and equipment. GASS programs are aligned and supportive of NAMRIA’s strategic initiatives, ensuring efficient utilization of financial resources, providing a sufficient pool of competent human resources, and sustaining the functional capacity of equipment and facilities; thus, enhancing organizational capacity.
The following were accomplished during the year:

**Policy and Planning Services**

- Prepared FY 2019 Planning Guidelines and Budget Proposal, NAMRIA Work and Financial Plan, Forward Estimates/Philippine Development Plan/Medium Term Investment Plan/Strategic Plan scorecard, and reviewed 4 NAMRIA policies
- Participated in the series of workshops, meetings, and technical budget hearings related to the proposed 2019 budget of the agency; and acted as secretariat on various workshops and meetings of NAMRIA
- For the implementation of the Strategic Performance Management System (SPMS), prepared FY 2018 SPMS Calendar, Office Performance Commitment Rating, and SPMS Indicators Summary
- Conducted validation of FY 2017 project outputs
- Prepared one Validation Report and Annual Report; PRA Report for 1st Semester 2018; and filed 8 inspection reports
- Consolidated, assessed, and evaluated monthly/quarterly/physical performance reports
- Prepared 2 forms (A1 & A2 - Policy and Planning Division (PPD) Branch Assessment reports)
- Conducted 2 Program Review and Analysis (PRA) sessions for FY 2017 and FY 2018 1st Semester
- Conducted 8 field validation/inspection for various projects of NAMRIA
Financial and Management Services

- Prepared Disbursement and Income Reports; Financial Statements; Taxation Reports; January to December Financial Performance Reports; Quarterly Budget and Financial Accountability Reports; Status of Funds; reports of Aging on Cash Advance; Bank Reconciliation Report; and remittances to collecting agencies (e.g., Government Service Insurance System, Bureau of Internal Revenue, and Philhealth)
- Processed Statement of Allotment, Obligations and Balances, and vouchers for end-users and suppliers
- Submitted budget proposals
- Pre- and post-audited all travel and field work-related documents

Administrative Services

- On Strategic Human Resource (HR) Management:
  - Filled-up 66 vacant positions for plantilla and uniformed personnel
  - Processed documents for permanent and Job-Order employees
  - Processed employee benefits (e.g., clothing allowance, Loyalty Award, Productivity Incentive Bonus, and Performance Based Bonus)
  - Updated leave credits
  - Prepared FY 2018 Recruitment Plan
  - Drafted Terms of Reference for the procurement of HR complement (outsourced)
  - Prepared 1 Competency-Based System-Qualification Standards (Manual & Job Description)
  - Summarized individual performance ratings of all employees
  - Prepared 1 Individual Development Plan guideline and revised template; and 1 Investors in People Philippine Assessment review

- Prepared one (1) 2018 Learning & Development (L&D) Plan and Training Calendar,
- Implemented twenty-four (24) L&D trainings
- Submitted HR reports required by the Civil Service Commission, DENR, and DBM
- Submitted 2 monitoring reports on learning and development
- Submitted 1 profile report on High Potential Middle Managers

- On Morale and Welfare:
  - Prepared the FY 2019 Morale and Welfare Plan
  - Participated in different activities such as health and wellness, socio-cultural, working environment, and psycho-social

- On the Acquisition and Management of Goods and Services:
  - Prepared/processed purchase orders, work orders and property cards
  - Submitted Annual Procurement Plan, Supplier Performance and Product Evaluation Plan and Report of Supplies and Materials Issued
  - Issued Property Acknowledgment Receipt (PAR) and Inventory Custodian Slip (ICS)
  - Conducted inventory on NAMRIA Property, Plant and Equipment, and Unserviceable Property (IIRUP)
  - Acted as secretariat for Bids and Awards Committee

- On Records-Related Services:
  - Received and processed internal and external documents, compiled
2017 Report of Annual Records
Inventory Appraisal, backed up and stored digital copies of documented information in workstation with secured passcode

♦ On Cash Management:
  ➢ Prepared Report of Cheques Issued for List of Due and Demandable Accounts Payable with Advice to Debit Account folders and check folders. Report of Accountability for accountable Forms (RAAF) for checks, Summary of Daily Actual Disbursement Report, Cash receipts Record, and RAAF for Official Receipts

♦ On Library Management:
  ➢ Acquired and circulated information materials
  ➢ Updated database
  ➢ Inventoried information holdings and scanned books

♦ On Security Services:
  ➢ Implemented various rules and regulations such as the wearing of prescribed uniforms, security tags for NAMRIA employees and visitors, and vehicle control tags for guests/clients
  ➢ Facilitated the conduct of the annual physical examination, including giving of drug tests and vaccination to NAMRIA personnel

Engineering Services
♦ Performed preventive maintenance on 9 technical equipment and 7 communications equipment and corrective maintenance acted upon request
♦ Maintained and repaired buildings, appurtenances, grounds, and air conditioning/plumbing facilities
♦ Performed preventive and corrective maintenance for 56 NAMRIA vehicles
♦ Served the transportation needs of officials and employees

Workshop on the Finalization of Quality Management System (QMS) documents
In fulfilling its core functions, NAMRIA is implementing several special/locally funded projects with other agencies. Below are these projects with their respective accomplishments for Calendar Year 2017:

**On Hydrographic Surveys and Nautical Charting**

- Continuous data logging and near real-time data transmission of the Earth’s magnetic elements using the magnetometers installed at the Magnetic Observatory for the Circum-Pacific Magnetic Network Project (Kyushu University, Japan) and Ocean Hemisphere Network Project (University of Tokyo, Japan)

- Continued collaboration with Philippine Institute of Volcanology and Seismology sea-level stations regarding the processing and analysis of tidal data

- Conducted bathymetric survey of 264.44 sq km for a total of 1,539.54 out of 1,870 sq km project coverage, in partnership with the Manila Bay Coordinating Office for the project “Bathymetric Survey of Manila Bay”.

- Ongoing Memorandum of Agreement with the Bureau of Fisheries and Aquatic Resources for the demarcation of fishery management areas for the whole country

- Accommodated educational tours, ship familiarization and immersion requested through the SBMA and the Department of Tourism for various schools, colleges, and universities

- Provided municipal water data to LGUs and other government agencies

- Provided technical assistance to various government agencies

- Rendered client services:
  - Issuance of 9 navigational warnings to mariners through NAVAREA XI Coordinator in Japan
  - Issuance of tidal information
On Geospatial Information Management

∗ On NAMRIA Geospatial Data Infrastructure (NGDI) Project:
  ➢ Developed and implemented Geoportal Philippines
  ➢ Maintained 4 systems, namely: Topographic Mapping Information System, Environment and Natural Resources Information Management System, Maritime Information System, NAMRIA Geospatial Information Management System
  ➢ Maintained the database of Geoportal Philippines

∗ On Philippine Health Atlas Project - Phase III:
  ➢ Conducted provincial project orientation and field survey on 32 provinces
  ➢ Conducted trainings on GIS
  ➢ Processed geospatial data for 32 provinces and generated 32 health facility maps
  ➢ Accomplished 100% of its targets thereby officially terminating the project

On Geospatial Information Management

∗ On NAMRIA Geospatial Data Infrastructure (NGDI) Project - This project addresses primarily the management of geospatial data derived from other NAMRIA strategic programs dealing with mapping, charting and surveying which cover the entire Philippine archipelago. It also aims at enhancing the existing GIS and ICT infrastructure of the agency to support the management of the Philippine Geoportal. The Philippine Geoportal is an online map system or application that manages the open sharing of and access to geospatial data holdings of NAMRIA and other government agencies.
  ➢ Developed and implemented Geoportal Philippines
  ➢ Maintained 4 systems, namely: Topographic Mapping Information System, Environment and Natural Resources Information Management System, Maritime Information System, NAMRIA Geospatial Information Management System
  ➢ Maintained the database of Geoportal Philippines
NAMRIA, in partnership with the DENR and other concerned institutions, conducts and participates in various Gender and Development (GAD) programs/activities. Its 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 its various endeavors.
Accomplishments under the NAMRIA GAD program are as follows:

- Participated in Women’s Month and conducted workshops/trainings on various GAD-related activities
- Conducted activities for the 18-Day Campaign to End Violence Against Women (VAW): “VAW-Free Community Starts with Me,” such as:
  - Hanging of streamers
  - GAD Quiz Bee
  - Online advocacy through NAMRIA website
- Formulated GAD Plan and Budget for FY 2019
- Continued to serve the needs of 9 regular NAMRIA Daycare wards, i.e., the children and dependents of employees
- Included sex-disaggregated data to Geospatial Information Services and Geospatial Data Infrastructure

(Photo 1) In Her Amazing Shoes contest, (Photo 2) Inspirational talk by 1LT. Loraine D. Faurillo, and (Photo 3) Sticking of GAD posters on billboards
Highlights from the Year 2018

- Achieving IIP Accreditation for People Management
- Commemoration of the Philippine Rise
- Participation in the Maritime Awareness Exhibit at DENR Central Office
- Joins the first ever National Land Summit
- 1st Regional Training Program in Toponymy including Marine Toponymy for the Philippines
- Cash donation to the Philippine Cerebral Palsy, Inc for individuals with cerebral palsy
Conduct of 3rd IEC campaign for Modernization of the Philippine Geodetic Reference System in Baguio City

Participation in the Mangrove tree planting activity in Calatagan, Batangas

Conferment of the Bronze Award under the PRIME-HRM of the CSC

Participation in the re-opening of Boracay Island

Conduct of outreach program to Habagat flood victims in Brgy. Daraitan, Tanay, Rizal

Participation in DepEd's Brigada Eskwela
### Statement of Financial Position All Funds
#### As of December 31, 2018

#### ASSETS

<table>
<thead>
<tr>
<th>Current Assets</th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash and Cash Equivalents</td>
<td>18,417,573.04</td>
<td>18,227,944.79</td>
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<tr>
<td>Receivables</td>
<td>1,520,498.61</td>
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<tr>
<td>Inventories</td>
<td>86,417,787.79</td>
<td>86,646,996.59</td>
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<tr>
<td>Other Current Assets</td>
<td>26,853,879.98</td>
<td>34,522,038.23</td>
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<tr>
<td><strong>Total Current Assets</strong></td>
<td><strong>131,689,240.81</strong></td>
<td><strong>140,917,478.22</strong></td>
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</table>

<table>
<thead>
<tr>
<th>Non-Current Assets</th>
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</thead>
<tbody>
<tr>
<td>Receivables</td>
<td>6,047,963.80</td>
<td>5,793,172.55</td>
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<tr>
<td>Property, Plant and Equipment</td>
<td>1,792,769,733.07</td>
<td>1,926,441,811.29</td>
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<tr>
<td>Intangible Assets</td>
<td>1,302,703,363.49</td>
<td>1,211,065,910.45</td>
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<tr>
<td>Other Non-Current Assets</td>
<td>-</td>
<td>11,187.87</td>
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<tr>
<td><strong>Total Non-Current Assets</strong></td>
<td><strong>3,101,521,060.36</strong></td>
<td><strong>3,143,312,082.16</strong></td>
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<tr>
<td><strong>Total Assets</strong></td>
<td><strong>3,233,210,301.17</strong></td>
<td><strong>3,284,229,560.38</strong></td>
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</table>

#### LIABILITIES

<table>
<thead>
<tr>
<th>Current Liabilities</th>
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<tbody>
<tr>
<td>Financial Liabilities</td>
<td>129,624,943.43</td>
<td>305,770,452.52</td>
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<tr>
<td>Inter-Agency Payables</td>
<td>34,077,703.26</td>
<td>35,597,271.25</td>
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<tr>
<td>Deferred Credits</td>
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<tr>
<td>Other Payables</td>
<td>5,196,302.53</td>
<td>5,544,986.83</td>
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<tr>
<td><strong>Total Current Liabilities</strong></td>
<td><strong>168,898,949.22</strong></td>
<td><strong>346,912,710.60</strong></td>
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<table>
<thead>
<tr>
<th>Non-Current Liabilities</th>
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</thead>
<tbody>
<tr>
<td>Financial Liabilities</td>
<td>219,182.35</td>
<td>219,182.35</td>
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<tr>
<td><strong>Total Non-Current Liabilities</strong></td>
<td><strong>219,182.35</strong></td>
<td><strong>219,182.35</strong></td>
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<tr>
<td><strong>Total Liabilities</strong></td>
<td><strong>169,118,131.57</strong></td>
<td><strong>347,131,182.95</strong></td>
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#### Net Assets/Equity

| Accumulated Surplus/(Deficit)      | 3,064,092,169.60 | 2,937,097,667.43 |
| Total Net Assets/Equity            | 3,064,092,169.60 | 2,937,097,667.43 |

**Total Liabilities and Net Assets/Equity**: 3,233,210,301.17, 3,284,229,560.38
## Map Sales Offices

Providing Maps, Nautical Charts, and other NAMRIA Products

<table>
<thead>
<tr>
<th>Region</th>
<th>Office Name</th>
<th>Address</th>
<th>Telephone</th>
<th>Fax</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>Region I - La Union</td>
<td>DENR-Government Center</td>
<td>Cottage 1, Gibraltar Road, Barangay Pacdal</td>
<td>Tel. (02) 810 31-42 Loc. 431</td>
<td>Tel. (02) 810 54-67 Fax</td>
<td></td>
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<tr>
<td>Region II - Cagayan</td>
<td>DENR-Land Evaluation Party, Building II</td>
<td>Barangay Carig, Tuguegarao City</td>
<td>Tel. (02) 925 11 57</td>
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<tr>
<td>Region III - Nueva Ecija</td>
<td>GIS Room, WRMC Building, CLSU Compound</td>
<td>Maharlika Highway, Science City of Muñoz</td>
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<tr>
<td>Region III - Pampanga</td>
<td>Diosdado Macapagal Government Center, Barangay Maimpis, City of San Fernando</td>
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<td>Region IVA - Batangas</td>
<td>Provincial Planning and Development Office, Capitol Complex, Batangas City</td>
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<tr>
<td>Region V - Albay</td>
<td>DENR-Operation/Survey Division</td>
<td>Rizal Street, Barangay Sapien, Legazpi City</td>
<td>Tel. (02) 480 98 25</td>
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<tr>
<td>Region VI - Iloilo</td>
<td>DENR Hostel, Manuel Lagunilla Bldg.</td>
<td>Barangay Parola, Iloilo City</td>
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<tr>
<td>Region VII - Cebu</td>
<td>Room 301, Osmeña Building II</td>
<td>Osmeña Boulevard, Cebu City</td>
<td>Tel. (02) 505 99 45</td>
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<tr>
<td>Region VIII - Leyte</td>
<td>DENR Compound, Santo Niño Extension</td>
<td>Tacloban City</td>
<td>Tel. (02) 505 99 45</td>
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<tr>
<td>Region IX - Zamboanga del Sur - Zamboanga City</td>
<td>DENR CENRO West General Vicente</td>
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<tr>
<td>Region IX - Zamboanga del Sur - Pagadian City</td>
<td>President Corazon C. Aquino Regional Government Center, Barangay Balintawak, Pagadian City</td>
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<tr>
<td>Region X - Misamis Oriental</td>
<td>DENR Building, Barangay Macabalan</td>
<td>Capayan De Oro City</td>
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<td>Region XI - Davao del Sur</td>
<td>Kilometer 7, SPED road, Bangkal, Davao City</td>
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<td>Region XII - South Cotabato</td>
<td>DENR-Land Evaluation Party</td>
<td>Aurora Street, Koronadal City</td>
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<tr>
<td>CARAGA, Region XIII - Agusan del Norte</td>
<td>DENR Regional Office</td>
<td>Tel. (052) 342 61 24</td>
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<tr>
<td>Land Management Building</td>
<td>Tel. (052) 341 32 30</td>
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<tr>
<td>BARANGAY Ambago, Butuan City</td>
<td>Tel. (0948) 620 04 42</td>
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<tr>
<td>Tel. (0926 683 55 21</td>
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</table>
NAMRIA QUALITY POLICY

We at NAMRIA are committed to our clients' utmost satisfaction by providing quality geospatial information and services.

We will uphold professional and ethical standards, ensure efficient utilization of resources, empower ourselves to continually improve the quality management system, and respond to the needs of changing times through world-class technology.

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

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