

National Mapping and Resource Information Authority

Physical Performance Report

As of March 31, 2018

Program: Water, Coastal and Land Surveys

Key Programs/Activities/ Projects (P/A/Ps) and Performance Indicators	TARGETS		ACTUAL	Percentage (%) of Accomplishment	Reason for Under/Over Performance (Variance)	Catch-Up Plan/Strategy for the Second Quarter, FY 2018
	FY 2018 (Annual)	March 1-31 (First Quarter)	As of March 31, 2018			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
1. Hydrographic Surveys		13.60	7.60	55.88		
1. Exclusive Economic Zone (EEZ)/Archipelagic Waters	14,500 km sounding lines surveyed	28.00%	5.00%		BRPH Presbitero is not operational due to gearbox problem.	BRPH Presbitero's gearbox will be installed once procured by May 2018.
2. Sealanes and navigational routes	17,500 km sounding lines surveyed					
3. Ports and Harbors	5 ports and harbors surveyed					
4. Maintenance of Survey Vessels	4 survey vessels; 2 rubber boats; 2 motor launches; 4 skiffs	31.00%	24.00%		Installation of Oil and Ware Separation (OWS) System of BRPH Presbitero was replaced by airconditioning.	
5. Maintenance and Operation of Magnetic Observatory						
- Operation of Magnetic Observatory	120 geomagnetic absolute observations	3.00%	3.00%			
	12 monthly records of geomagnetic data	(30 absolute) 6.00%	(30 absolute) 6.00%			
- Magnetic Observation of Repeat Stations	16 magnetic force data from magnetic repeat stations	(3 mos record)	(3 mos record)			
2. Nautical Charting		27.46	27.46	100		
1. Data compilation and/or enhancement of nautical charts	8 Harbor charts	33.75%	33.75%			
	(5 charts)		(5 charts)			
	2 Approach charts					
	13 Coastal charts	28.15%	28.15%			
	(6 charts)		(6 charts)			
	1 EEZ Chart	54.00%	54.00%			

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
2. Data compilation and Update of Electronic Navigational Charts (ENC)	2 General Charts					
3. Manual correction of printed nautical charts	10 ENCs compiled and updated	29.20% (5 charts)	29.20% (5 charts)			
	2,000 charts	30.00% (600)	30.00% (600)			
3. Maritime Publications and Support Services		26.65	26.65	100		
1. Publication of Philippine Notices to Mariners (NTM) and Navigational Warnings	12 NTMs published @ 1 book monthly	25.00% (3 NTMs)	25.00% (3 NTMs)			
2. Revision of Philippine Coast Pilot (PCP) Book	Vol. 1 & 2 manuscript 8th Edition edited	24.50%	24.50%			
3. Publication of Philippine List of Lights (PLL)	2018 Edition of PLL published	25.00%	25.00%			
4. Delineation of municipal waters (MW)	80 LGUs assisted	23.75% (7 LGUs)	23.75% (7 LGUs)			
5. Compilation of coastal charts and maritime zones	12 coastal charts compiled	35.00%	35.00%			
4. Physical Oceanographic Surveys		18.26	18.26	100		
1. Maintenance of tide stations (TS)						
- Annual inspection and releveling	47 stations inspected and relevelled	18.08% (10 stations)	18.08% (10 stations)			
- Repair of tide stations	3 stations repaired	5.00% (1 station)	5.00% (1 station)			
2. Acquisition of physical oceanographic data						
2.1 Operation of tide stations (Sea level measurements and downloading of tidal data)	47 stations sea level measured	24.99% (47 stations)	24.75% (47 stations)			
2.2 Re-observation of subordinate stations	2 stations re-observed	50.00% (1 station)	50.00% (1 station)			

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
2.3 Tidal Current observations	2 tidal current stations observed		12.50% (1 recon)			
2.4 Wave observations	2 stations observed	12.50% (1 recon)	50.00% (1 station)			
2.5 Establishment of new tide stations	3 stations established	16.66% (2 recon)	16.66% (2 recon)			
3. Data processing & analysis						
3.1 Processing of physical oceanographic data						
- Tidal data from tide stations	100% of downloaded/ retrieved months datasets	17.49%	17.49%			
- Tidal data from subordinate tide stations	2 months datasets processed					
- Tidal current data	2 months datasets processed					
- Wave data	2 months datasets processed					
4. Oceanographic data mgmt.						
4.1 Updating & maintenance of NODC	100% of downloaded/ retrieved months datasets	24.99%	24.75%			
4.2 Preparation of Tide and Current Tables (TCTs)	1 manuscript of tide and current prediction prepared					
4.3 Provision of tidal information (Updating of tidal information on nautical charts and certification of oceanographic information	As per request	9.99%	9.99% (18 clients)			

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
Program: Mapping and Geodesy						
1. Large-scale Base Mapping		22.78	22.78	100		
a. Production of 1:4,000 scale orthoimage image and topographic maps	360 mapsheets	20.00%	20.00%			
b. Unified Mapping						
b.1 Feature extraction for the production of large-scale 1:10,000 topographic maps	1,800 mapsheets	25.00%	25.00%			
b.2 Large-scale topographic database management and cartographic enhancement						
a. Topographic database management	115 mapsheets	34.29%	34.29%			
b. Cartographic enhancement	55 mapsheets	20.00%	20.00%			
c. Philippine Islands Inventory						
a. Delineation of coastline and Island classification (In-house)		24.53%	24.53%			
b. Delineation of coastline and Island classification (Outsource)		20.00%	20.00%			
2. Medium and Small Scale Mapping		21.69	21.62	99.68		
1. Medium scale mapping (1:50,000)						
1. Topographic base map updating						
1.a In-house (Feature extraction and evaluation of vector data)	45 mapsheets	37.50%	37.50%			
1.b Cartographic enhancement (In-house)	45 mapsheets	5.00%	5.00%			

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1.c Contract Out (Updating without enhancement)	47 mapsheets	37.17%	36.50%			
2. Topographic database mapping	66 mapsheets	23.79%	23.79%			
3. Small Scale Mapping (1:250,000)	5 mapsheets	13.13%	13.13%			
3. Administrative Mapping		20.50	20.50	100		
1. Provincial maps	12 mapsheets	22.00%	22.00%			
2. Special Mapping	Road Atlas of Visayas Is.	17.00%	17.00%			
4. Map Printing and Reproduction		11.10	11.10	100		
1. Printing and Re-printing of topographic, administrative maps & nautical charts	130 mapsheets printed Special Publications: (Centennial Calendar, 2019 Planner, 2019 Calendar, 2019 TCTs)	11.10%	11.10%			
5. Modernization of the Philippine Geodetic Reference System (PGRS)		35.93	35.93	100		
1. Development and maintenance of PGRS						
1.a Establishment of AGS (Outsourced)	5 AGS established	1.50%	1.50%			
1.b AGS Site selection	6 sites selected	1.70%	1.70%			
1.c AGS maintenance	40 AGS maintained	1.23%	1.23%			
1.d GCP re-observation (Outsourced)	600 GCPs re-observed	3.00%	3.00%			
1.e Deformation Training (Outsourced)	1 model; 2 trainings conducted	8.00%	10.00%			
1.f IEC Campaign	3 sessions of IEC conducted	1.50%	1.50%			
1.g Validation of Philippine Geoid Model (PGM)	50 PGM validated	10.00%	10.00%			
		(50 PGM)	(50 PGM)			

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1.h GCP Maintenance	1,000 GCPs maintained	1.50%	1.50%			
1.i Releveling of BMs (Outsourced)	100 km relevelled	2.00%	2.00%			
1.j Densification of gravity stations (GS)	2,000 GS densified	2.50% (500 GS)	2.50% (500 GS)			
1.k Research and Development	2 papers	3.00%	3.00%			
Program: Resource Assessment and Mapping						
1. Forestland Evaluation and Mapping		25.00	25.00	100		
1. Integration of four (4) LC Categories based on 1987 Constitution	2 Provincial maps produced (Proc. mineral reserve)	17.50%	17.50%			
2. Land Classification of Unclassified Public Forest	4 Proposed LC maps	3.75%	3.75%			
3. Rectification of LC maps	4 Proposed LC maps for ammendment	3.75%	3.75%			
2. Land Cover Mapping		13.70	13.70	100		
	20 provinces					
3. Coastal Resource Mapping and Assessment		15.55	15.55	100		
	17 provinces					
4. Mapping and Assessment of Low-lying Areas Vulnerable to Sea Level Rise		24.60	24.60	100		
	67 provinces					

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
5. ENR Data Integration		23.33	23.33	100		
A. Geospatial data integration	12 provinces	21.66%	21.66%			
B. Geospatial information archiving	220 maps (various projects)	27.22% (60 maps)	27.22% (60 maps)			
Program: Information Management and Statistical Services						
1. Information Systems Development & Maintenance		23.75	23.75	100		
1. System Analysis	8 Client Requirements Assessment Report	7.50% (4 systems)	7.50% (4 systems)			
2. System Design	8 System Design Document (SDD)	1.50% (2 systems)	1.50% (2 systems)			
3. Application Development	6 Program Source Codes	12.00% (4 programs)	12.00% (4 programs)			
4. System Implementation	6 Users Manual					
5. System Maintenance	18 Systems Monitoring Report					
6. Updating of NAMRIA Website	Updated contents of website	2.75%	2.75%			
7. Concept paper/Proj. Proposal Prep	Concept Paper/Project Proposal					
2. Database Design and Development		6.00	6.00	100		
1. Data Requirement Analysis	4 Client Requirement Assessment Report-Dat Holdings	6.00% (2 database)	6.00% (2 database)			
2. Database design	4 Database design document					
3. Database deployment	4 Test database deployment script					
4. Database maintenance	1 updated NAMRIA database for all information systems					
5. Technical support - LGU GIS Capability Assessment - Other technical assistance	Assessment Report Client Request Acceptance					

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
3. Geospatial Information Services and Production of NAMRIA Information, Education, and Communication Materials		27.10	26.85	99.08		
1. Media Production & Packaging	2 NAMRIA printed issues packaged	4.30%	4.30%			
	100% events printed issues through Newscoop and graphic arts/digital layout designs for significant events	3.45%	3.45% (15 Newscoop)			
	1 NAMRIA AVP Profile					
	2 news/photo releases/advertisements published					
2. Information dissemination and documentation	4 IEC conducted	3.34%	3.34%			
	(1 IEC)	(1 IEC)	(1 IEC)			
	100% requests for photo and video documentation	1.83%	1.83%			
3. Geomatics Training	100% regular/special/MOA-based training programs conducted	6.75%	6.75% (8 trainings)			
4. Client Services	100% clients served	7.43%	7.18% (1,603 clients)		List of clients served will be shelved owing to the Data Privacy Act	
4. Information and Communications Technology Resource Management		26.27	26.27	100		
1. Maintenance of 688 computer system	688 computer systems	13.77% (=>95% oprt'l)	13.77% (99.992% oprt'l)			
2. Network/Data center maintenance and administration	1 Network system operational at a minimum of 95% monthly	9.99% (=>95% oprt'l)	9.99% (100% oprt'l)			
3. ICT Research and Development						
- Technology review and evaluation	1 Case Study					
- ICT Resource Management	1 ICTRM IS	2.51%	2.51%			
Information System (ICTRM IS) Maintenance						

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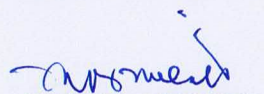
As of March 31, 2018

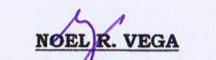
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LOCALLY-FUNDED						
NAMRIA Geospatial Data Infrastructure		15.00	15.00	100		
1. System Analysis	1 Client Requirements Assessment Report	15.00%	15.00%			
2. System Design	1 System design document					
3. Program Development	1 Program Source code/test script					
4. System Implementation	1 System User Manual					
5. System Maintenance	4 System Monitoring Report					
6. Database Maintenance	1 database maintained					

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