

National Mapping and Resource Information Authority
Physical Performance Report
As of February 28, 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)	January 1-31 (First Quarter)	As of January 31, 2018			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
1. Hydrographic Surveys		4.40	3.80	86.36		
1. Exclusive Economic Zone (EEZ)/Archipelagic Waters	14,500 km sounding lines surveyed					
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	16.00%	13.00%		Installation of Oil and Ware Separation System of BRPH Presbitero was replaced by airconditioning	Oil and Ware Separation System of BRPH Presbitero will be installed once procured by March 2018.
5. Maintenance and Operation of Magnetic Observatory						
- Operation of Magnetic Observatory	120 geomagnetic absolute observations	2.00% (20 absolute)	2.00% (20 absolute)			
	12 monthly records of geomagnetic data	4.00% (2 mo record)	4.00% (2 mo record)			
- Magnetic Observation of Repeat Stations	16 magnetic force data from magnetic repeat stations					
2. Nautical Charting		19.33	19.33	100		
1. Data compilation and/or enhancement of nautical charts						
	8 Harbor charts	25.00% (5 charts)	25.00% (5 charts)			
	2 Approach charts					
	13 Coastal charts	20.00% (6 charts)	20.00% (6 charts)			
	1 EEZ Chart	40.00%	40.00%			

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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	21.00% (5 charts)	21.00% (5 charts)			
	2,000 charts	20.00% (400)	20.00% (400)			
3. Maritime Publications and Support Services		19.56	19.56	100		
1. Publication of Philippine Notices to Mariners (NTM) and Navigational Warnings	12 NTMs published @ 1 book monthly	17.00% (2 NTMs)	17.00% (2 NTMs)			
2. Revision of Philippine Coast Pilot (PCP) Book	Vol. 1 & 2 manuscript 8th Edition edited	16.30%	16.30%			
3. Publication of Philippine List of Lights (PLL)	2018 Edition of PLL published	17.00%	17.00%			
4. Delineation of municipal waters (MW)	80 LGUs assisted	17.50% (2 LGUs)	17.50% (2 LGUs)			
5. Compilation of coastal charts and maritime zones	12 coastal charts compiled	30.00%	30.00%			
4. Physical Oceanographic Surveys		10.25	10.25	100		
1. Maintenance of tide stations (TS)						
- Annual inspection and releveling	47 stations inspected and releveled	9.04% (5 stations)	9.04% (5 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	16.66% (47 stations)	16.42% (46 stations)		No data was acquired in Tacloban due to defective tide gauge	Immediate installation of new tide gauge
2.2 Re-observation of subordinate stations	2 stations re-observed	12.50% (1 recon)	12.50% (1 recon)			

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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					
2.5 Establishment of new tide stations	3 stations established	8.33% (1 recon)	8.33% (1 recon)			
3. Data processing & analysis						
3.1 Processing of physical oceanographic data						
- Tidal data from tide stations	100% of downloaded/ retrieved months datasets	11.66%	11.66%			
- 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	16.66%	16.42%		No data was acquired in Tacloban due to defective tide gauge	Immediate installation of new tide gauge
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	6.66%	6.66% (11 clients)			

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Program: Mapping and Geodesy						
Large-scale Base Mapping		18.57	18.57	100		
Production of 1:4,000 scale orthoimage image and topographic maps	360 mapsheets	20.00%	20.00%			
Unified Mapping						
1 Feature extraction for the production of large-scale 1:10,000 topographic maps	1,800 mapsheets	20.00%	20.00%			
2 Large-scale topographic database management and cartographic enhancement						
1. Topographic database management	115 mapsheets	25.46%	25.46%			
2. Cartographic enhancement	55 mapsheets	11.25%	11.25%			
Philippine Islands Inventory						
1. Delineation of coastline and Island classification (In-house)		13.03%	13.03%			
2. Delineation of coastline and Island classification (Outsource)		20.00%	20.00%			
Medium and Small Scale Mapping		14.03	14.03	100		
Medium scale mapping (1:50,000)						
Topographic base map updating						
a In-house (Feature extraction and evaluation of vector data)	45 mapsheets	23.67%	23.67%			
b Cartographic enhancement (In-house)	45 mapsheets	2.50%	2.50%			

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1.c Contract Out (Updating without enhancement)	47 mapsheets	28.89%	28.89%			
2. Topographic database mapping	66 mapsheets	14.44%	14.44%			
3. Small Scale Mapping (1:250,000)	5 mapsheets	8.75%	8.75%			
3. Administrative Mapping		12.00	12.00	100		
1. Provincial maps	12 mapsheets	12.00%	12.00%			
2. Special Mapping	Road Atlas of Visayas Is.	12.00%	12.00%			
4. Map Printing and Reproduction		7.40	7.40	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)	7.40%	7.40%			
5. Modernization of the Philippine Geodetic Reference System (PGRS)		20.54	20.54	100		
1. Development and maintenance of PGRS						
1.a Establishment of AGS (Outsourced)	5 AGS established	2.00%	2.00%			
1.b AGS Site selection	6 sites selected	1.04%	1.66% (2 sites)			
1.c AGS maintenance	40 AGS maintained					
1.d GCP re-observation (Outsourced)	600 GCPs re-observed	2.00%	2.00%			
1.e Deformation Training (Outsourced)	1 model; 2 trainings conducted		10.00% (2 trainings)			
1.f IEC Campaign	3 sessions of IEC conducted	1.00%	1.00%			
1.g Validation of Philippine Geoid Model (PGM)	50 PGM validated	8.00% (40 PGM)	8.00% (40 PGM)			

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1.h GCP Maintenance	1,000 GCPs maintained	2.00%	2.00%			
1.i Releveling of BMs (Outsourced)	100 km releveled	1.00%	1.00%			
1.j Densification of gravity stations (GS)	2,000 GS densified	1.50% (300 GS)	1.50% (300 GS)			
1.k Research and Development	2 papers	0.05%	0.05%			
Program: Resource Assessment and Mapping						
1. Forestland Evaluation and Mapping		8.50	8.50	100		
1. Integration of four (4) LC Categories based on 1987 Constitution	2 Provincial maps produced (Proc. mineral reserve)	5.00%	5.00%			
2. Land Classification of Unclassified Public Forest	4 Proposed LC maps	2.50%	2.50%			
3. Rectification of LC maps	4 Proposed LC maps for amendment	1.00%	1.00%			
2. Land Cover Mapping		6.60	6.60	100		
	20 provinces					
3. Coastal Resource Mapping and Assessment		5.70	5.70	100		
	17 provinces					
4. Mapping and Assessment of Low-lying Areas Vulnerable to Sea Level Rise		16.40	16.40	100		
	67 provinces					

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5. ENR Data Integration		13.02	13.02	100		
1. Geospatial data integration	12 provinces	10.83%	10.83%			
3. Geospatial information archiving	220 maps (various projects)	18.13% (40 maps)	18.13% (40 maps)			
Program: Information Management and Statistical Services						
1. Information Systems Development & Maintenance		13.50	13.50	100		
1. System Analysis	8 Client Requirements Assessment Report	4.50% (4 systems)	4.50% (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	6.00% (2 programs)	6.00% (2 programs)			
4. System Implementation	6 Users Manual					
5. System Maintenance	18 Systems Monitoring Report					
5. Updating of NAMRIA Website	Updated contents of website	1.50%	1.50%			
7. Concept paper/Proj. Proposal Prep	Concept Paper/Project Proposal					
2. Database Design and Development		3.00	3.00	100		
1. Data Requirement Analysis	4 Client Requirement Assessment Report-Dataholdings	3.00% (2 database)	3.00% (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	Assessment Report					
- LGU GIS Capability Assessment						
- Other technical assistance	Client Request Acceptance					

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3. Geospatial Information Services and Production of NAMRIA Information, Education, and Communication Materials		13.42	13.42	100		
1. Media Production & Packaging	2 NAMRIA printed issues packaged	1.80%	1.80%			
	100% events printed issues through Newscoop and graphic arts/digital layout designs for significant events	2.55%	2.55%			
	1 NAMRIA AVP Profile					
	2 news/photo releases/advertisements published					
2. Information dissemination and documentation	4 IEC conducted	1.10%	1.10%			
	100% requests for photo and video documentation	1.22%	1.22%			
3. Geomatics Training	100% regular/special/MOA-based training programs conducted	4.00%	5.00%			
		(2 trainings)	(3 trainings)			
4. Client Services	100% clients served	2.75%	4.88%			
			(1,137 clients)			
4. Information and Communications Technology Resource Management		16.68	16.68	100		
1. Maintenance of 688 computer system	688 computer systems	9.18%	9.18%			
		(=>95% opt'l)	(99.999% opt'l)			
2. Network/Data center maintenance and administration	1 Network system operational at a minimum of 95% monthly	6.66%	6.66%			
		(=>95% opt'l)	(100% opt'l)			
3. ICT Research and Development - Technology review and evaluation - ICT Resource Management Information System (ICTRM IS) Maintenance	1 Case Study 1 ICTRM IS	0.84%	0.84%			

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LOCALLY-FUNDED						
NAMRIA Geospatial Data Infrastructure						
1. System Analysis	1 Client Requirements Assessment Report	9.00%	9.00%	100		
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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