

## National Mapping and Resource Information Authority

**Physical Performance Report**

As of January 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)	January 1-31 (First Quarter)	As of January 31, 2018			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
<b>1. Hydrographic Surveys</b>		<b>1.60</b>	<b>1.60</b>	<b>100</b>		
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	5.00%	5.00%			
5. Maintenance and Operation of Magnetic Observatory						
- Operation of Magnetic Observatory	120 geomagnetic absolute observations	1.00% (10 absolute)	1.00% (10 absolute)			
	12 monthly records of geomagnetic data	2.00% (1 mo record)	2.00% (1 mo record)			
- Magnetic Observation of Repeat Stations	16 magnetic force data from magnetic repeat stations					
<b>2. Nautical Charting</b>		<b>10.25</b>	<b>10.25</b>	<b>100</b>		
1. Data compilation and/or enhancement of nautical charts	8 Harbor charts	14.38% (5 charts)	14.38% (5 charts)			
	2 Approach charts					
	13 Coastal charts	8.85% (5 charts)	8.85% (5 charts)			
	1 EEZ Chart	23.00%	23.00%			

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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  10 ENCs compiled and updated	11.50% (5 charts)	11.50% (5 charts)			
3. Manual correction of printed nautical charts	2,000 charts	10.00% (200)	10.00% (200)			
<b>3. Maritime Publications and Support Services</b>		<b>10.57</b>	<b>10.57</b>	<b>100</b>		
1. Publication of Philippine Notices to Mariners (NTM) and Navigational Warnings	12 NTMs published @ 1 book monthly	8.00% (1 NTM)	8.00% (1 NTM)			
2. Revision of Philippine Coast Pilot (PCP) Book	Vol. 1 manuscript and Vol. 2 8th Edition edited	8.10%	8.10%			
3. Publication of Philippine List of Lights (PLL)	2018 Edition of PLL published	8.00%	8.00%			
4. Delineation of municipal waters (MW)	80 LGUs assisted	8.75% (1 LGU)	8.75% (1 LGU)			
5. Compilation of coastal charts and maritime zones	12 coastal charts	20.00%	20.00%			
<b>4. Physical Oceanographic Surveys</b>		<b>2.85</b>	<b>2.85</b>	<b>100</b>		
1. Maintenance of tide stations (TS) - Annual inspection and releveling - Repair of tide stations	47 stations inspected and releveled 3 stations repaired					
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	8.33%	8.33%			
2.2 Re-observation of subordinate stations	2 stations re-observed					

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
2.3 Tidal Current observations	2 tidal current stations observed					
2.4 Wave observations	2 stations observed					
2.5 Establishment of new tide stations	3 stations established					
3. Data processing & analysis						
3.1 Processing of physical oceanographic data						
- Tidal data from tide stations	100% of downloaded/ retrieved months datasets	5.83%	5.83%			
- 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	8.33%	8.33%			
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 2,500 copies As per request	3.33%  49.98%	3.33% (4 clients) 49.98% (36 nautical charts) (24 clients)			

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
<b>Program: Mapping and Geodesy</b>						
<b>1. Large-scale Base Mapping</b>		<b>9.95</b>	<b>9.95</b>	<b>100</b>		
a. Production of 1:4,000 scale orthoimage image and topographic maps	360 mapsheets	10.00%	10.00%			
b. Unified Mapping						
b.1 Feature extraction for the production of large-scale 1:10,000 topographic maps	1,800 mapsheets	20.00%	20.00%			
b.2 Large-scale topographic database management and cartographic enhancement						
a. Topographic database management	115 mapsheets	12.73%	12.73%			
b. Cartographic enhancement	55 mapsheets					
c. Philippine Islands Inventory						
a. Delineation of coastline and Island classification (In-house)		3.33%	3.33%			
b. Delineation of coastline and Island classification (Outsource)		10.00%	10.00%			
<b>2. Medium and Small Scale Mapping</b>		<b>6.23</b>	<b>6.23</b>	<b>100</b>		
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	9.83%	9.83%			
1.b Cartographic enhancement (In-house)	45 mapsheets					

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
1.c Contract Out (Updating without enhancement)	47 mapsheets	16.67%	16.67%			
2. Topographic database mapping	66 mapsheets	6.08%	6.08%			
3. Small Scale Mapping (1:250,000)	5 mapsheets	4.38%	4.38%			
<b>3. Administrative Mapping</b>		<b>5.00</b>	<b>5.00</b>	<b>100</b>		
1. Provincial and Regional maps	12 mapsheets	5.00%	5.00%			
2. Special Mapping	Road Atlas of Visayas Is.	5.00%	5.00%			
<b>4. Map Printing and Reproduction</b>		<b>3.70</b>	<b>3.70</b>	<b>100</b>		
1. Printing and Re-printing of topographic, administrative maps & nautical charts	130 mapsheets printed Special Publications: (Centennial Calendar, 2019 Planner, 2019 Calendar, 2019 TCTs)	3.70%	3.70%			
<b>5. Modernization of the Philippine Geodetic Reference System (PGRS)</b>		<b>1.64</b>	<b>1.64</b>	<b>100</b>		
1. Development and maintenance of PGRS						
1.a Establishment of AGS (Outsourced)	5 AGS established	0.10%	0.10%			
1.b AGS Site selection	6 sites selected	0.05%	0.05%			
1.c AGS maintenance	40 AGS maintained					
1.d GCP re-observation (Outsourced)	600 GCPs re-observed	0.40%	0.40%			
1.e Deformation Training (Outsourced)	1 model; 2 trainings conducted	0.20%	0.20%			
1.f IEC Campaign	3 sessions of IEC conducted	0.20%	0.20%			
1.g Validation of Philippine Geoid Model (PGM)	50 PGM validated	0.40%	0.40%			
		(20 PGM)	(20 PGM)			

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
1.h GCP Maintenance	1,000 GCPs maintained	0.10%	0.10%			
1.i Releveling of BMs (Outsourced)	100 km releveled	0.05%	0.05%			
1.j Densification of gravity stations (GS)	2,000 GS densified	0.09% (100)	0.09% (100)			
1.k Research and Development	2 papers	0.05%	0.05%			
<b>Program: Resource Assessment and Mapping</b>						
<b>1. Forestland Evaluation and Mapping</b>		<b>4.25</b>	<b>4.25</b>	<b>100</b>		
1. Integration of four (4) LC Categories based on 1987 Constitution	2 Provincial maps produced (Proc. mineral reserve)	2.50%	2.50%			
2. Land Classification of Unclassified Public Forest	4 Proposed LC maps	1.25%	1.25%			
3. Rectification of LC maps	4 Proposed LC maps for ammendment	0.50%	0.50%			
<b>2. Land Cover Mapping</b>		<b>4.20</b>	<b>4.20</b>	<b>100</b>		
	20 provinces					
<b>3. Coastal Resource Mapping and Assessment</b>		<b>2.85</b>	<b>2.85</b>	<b>100</b>		
	17 provinces					
<b>4. Mapping and Assessment of Low-lying Areas Vulnerable to Sea Level Rise</b>		<b>8.20</b>	<b>8.20</b>	<b>100</b>		
	67 provinces					

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<b>5. ENR Data Integration</b>		<b>4.47</b>	<b>4.47</b>	<b>100</b>		
A. Geospatial data integration	12 provinces	2.50%	2.50%			
B. Geospatial information archiving	220 maps (various projects)	9.06% (20 maps)	9.06% (20 maps)			
<b>Program: Information Management and Statistical Services</b>						
<b>1. Information Systems Development &amp; Maintenance</b>		<b>6.75</b>	<b>6.75</b>	<b>100</b>		
1. System Analysis	8 Client Requirements Assessment Report	3.50% (4 systems)	3.50% (4 systems)			
2. System Design	8 System Design Document (SDD)					
3. Application Development	6 Program Source Codes	3.00% (2 apps)	3.00% (2 apps)			
4. System Implementation	6 Users Manual					
5. System Maintenance	18 Systems Monitoring Report					
6. Updating of NAMRIA Website	Updated contents of website	0.25%	0.25%			
7. Concept paper/Proj. Proposal Prep	Concept Paper/Project Proposal					
<b>2. Database Design and Development</b>		<b>2.00</b>	<b>2.00</b>	<b>100</b>		
1. Data Requirement Analysis	4 Client Requirement Assessment Report-Dataholdings	2.00% (2 database)	2.00% (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	Assessment Report					
- Other technical assistance	Client Request Acceptance					

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
<b>3. Geospatial Information Services and Production of NAMRIA Information, Education, and Communication Materials</b>		<b>6.28</b>	<b>6.28</b>	<b>100</b>		
1. Media Production & Packaging	2 NAMRIA printed issues packaged	0.60%	0.60%			
	100% events printed issues through Newscoop	0.90%	0.90%			
	1 NAMRIA AVP Profile					
2. Information dissemination and documentation	4 IEC conducted	0.55%	0.55%			
	100% requests for photo and video documentation	0.61%	0.61%			
3. Geomatics Training	100% regular/special/MOA-based training programs conducted	2.25%	2.25%			
4. Client Services	100% clients served	1.37%	1.37% (493 clients)			
<b>4. Information and Communications Technology Resource Management</b>		<b>8.34</b>	<b>8.34</b>	<b>100</b>		
1. Maintenance of 688 computer system	688 computer systems	4.59%	4.59%			
2. Network/Data center maintenance and administration	1 Network system operational at a minimum of 95% monthly	3.33%	3.33%			
3. ICT Research and Development						
- Technology review and evaluation	1 Case Study					
- ICT Resource Management	1 ICTRM IS	0.42%	0.42%			
- Information System (ICTRM IS) Maintenance						
<b>LOCALLY-FUNDED</b>						
<b>NAMRIA Geospatial Data Infrastructure</b>		<b>6.00</b>	<b>6.00</b>	<b>100</b>		
1. System Analysis	2 System Analysis	13.00% (2 system analysis)	13.00% (2 system analysis)			
2. System Design	1 Database design document (DDD)	3.00% (final DDD)	3.00% (final DDD)			



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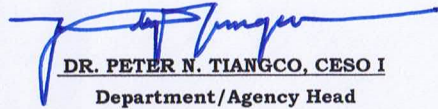
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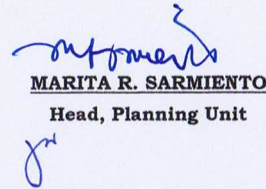
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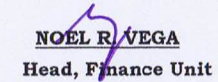
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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
3. Application Development	2 System design (SDD)	4.50% (final SDD)	4.50% (final SDD)			
4. System Implementation	4 Program Source Codes Document	26.00% (2 program source code)	26.00% (2 program source code)			
5. System Maintenance	4 User's Manual Installed Training Report	4.00% (2 systems)	4.00% (2 systems)			
6. Database Maintenance	2 System Monitoring Report	0.50% (2 systems)	0.50% (2 systems)			

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