

National Mapping and Resource Information Authority  
**Physical Performance Report**  
As of May 31, 2018

Program: Hydrographic and Oceanographic Surveys and Nautical Charting						
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 Third Quarter, FY 2018
	FY 2018 (Annual)	April 1-30 (Second Quarter)	As of April 30, 2018			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
<b>1. Hydrographic Surveys</b>		<b>38.00</b>	<b>16.82</b>	<b>44.26</b>		
1. Exclusive Economic Zone (EEZ)/Archipelagic Waters	14,500 km sounding lines surveyed	38.00%	5.00%		BRPH Presbitero is not operational due to gearbox problem since March 2018.	Gearbox was installed. Upon completion of sea trial, survey team will be dispatched accordingly.
2. Sealanes and navigational routes	17,500 km sounding lines surveyed					
3. Ports and Harbors	5 ports and harbors surveyed	80.00% (4 ports & Harbors)	7.50%		BRPH Presbitero is not operational due to gearbox problem since March 2018.	Gearbox was installed. Upon completion of sea trial, survey team will be dispatched accordingly.
4. Maintenance of Survey Vessels	4 survey vessels; 2 rubber boats; 2 motor launches; 4 skiffs	41.00%	41.00%			
5. Maintenance and Operation of Magnetic Observatory	120 geomagnetic absolute observations	5.00% (50 absolute obsn)	4.60% (46 absolute)			
- Operation of Magnetic Observatory	12 monthly records of geomagnetic data	10.00% (5 mos record)	10.00% (5 mos record)			
- Magnetic Observation of Repeat Stations	16 magnetic force data from magnetic repeat stations	16.00% (4 stations)	16.00% (4 stations)			
<b>2. Nautical Charting</b>		<b>45.74</b>	<b>45.74</b>	<b>100</b>		
1. Data compilation and/or enhancement of nautical charts	8 Harbor charts	53.75% (5 charts)	53.75% (5 charts)			
	2 Approach charts	12.50% (1 chart)	12.50% (1 chart)			
	13 Coastal charts	43.77% (5 charts)	44.85% (5 charts)			
	1 EEZ Chart	86.00%	86.00%			

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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	48.00% (5 charts)	48.00% (5 charts)			
3. Manual correction of printed nautical charts	2,000 charts	50.00% (1,000 charts)	50.00% (1,000 charts)			
<b>3. Maritime Publications and Support Services</b>		<b>43.50</b>	<b>43.50</b>	<b>100</b>		
1. Publication of Philippine Notices to Mariners (NTM) and Navigational Warnings	12 NTMs published @ 1 book monthly	42.00% (5 NTMs)	42.00% (5 NTMs)			
2. Revision of Philippine Coast Pilot (PCP) Book	Vol. 1 & 2 manuscript 8th Edition edited	40.80%	40.80%			
3. Publication of Philippine List of Lights (PLL)	2018 Edition of PLL published	42.00%	42.00%			
4. Delineation of municipal waters (MW)	80 LGUs assisted	42.50% (20 LGUs)	42.50% (20 LGUs)			
5. Compilation of coastal charts and maritime zones	12 coastal charts compiled	45.00%	45.00%			
<b>4. Physical Oceanographic Surveys</b>		<b>40.15</b>	<b>40.12</b>	<b>99.92</b>		
1. Maintenance of tide stations (TS) - Annual inspection and releveling - Repair of tide stations	47 stations inspected and releveled  3 stations repaired	36.16% (20 stations)  5.00% (1 station)	36.16% (20 stations)  10.00% (2 stations)			
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	41.65% (47 stations)	41.41% (47 stations)			
2.2 Re-observation of subordinate stations	2 stations re-observed	62.50% (1 station)	100.00% (2 stations)			

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2.3 Tidal Current observations	2 tidal current stations observed	50.00% (1 station)	50.00% (1 station)			
2.4 Wave observations	2 stations observed	50.00% (1 station)	62.50% (1 station)			
2.5 Establishment of new tide stations	3 stations established	50.00% (1 station)	25.00% (3 recon)		Delayed due to ongoing resolution of some issues on the target area with PPA-Iloilo.	Immediate dispatch of personnel to the area once approval is received.
3. Data processing & analysis						
3.1 Processing of physical oceanographic data						
- Tidal data from tide stations	100% of downloaded/ retrieved months datasets	29.15%	29.15%			
- Tidal data from subordinate tide stations	2 months datasets processed	10.00% (2 datasets)	10.00% (2 datasets)			
- Tidal current data	2 months datasets processed	5.00% (1 dataset)	0.00%			Establishment of current station was moved in June 2018.
- Wave data	2 months datasets processed	5.00% (1 dataset)	5.00% (1 dataset)			
4. Oceanographic data mgmt.						
4.1 Updating & maintenance of NODC	100% of downloaded/ retrieved months datasets	41.65%	41.41%			
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	16.65%	16.65% (31 clients)			

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<b>Program: Mapping and Geodesy</b>						
<b>1. Large-scale Base Mapping</b>		<b>32.12</b>	<b>32.12</b>	<b>100</b>		
a. Production of 1:4,000 scale orthoimage image and topographic maps	360 mapsheets	25.00%	25.00%			
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	50.48%	50.48%			
b. Cartographic enhancement	55 mapsheets	46.25%	46.25%			
c. Philippine Islands Inventory						
a. Delineation of coastline and Island classification (In-house)		42.09%	42.09%			
b. Delineation of coastline and Island classification (Outsource)		25.00%	25.00%			
<b>2. Medium and Small Scale Mapping</b>		<b>41.33</b>	<b>41.33</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	65.80%	65.80%			
1.b Cartographic enhancement (In-house)	45 mapsheets	15.71%	15.71%			

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1.c Contract Out (Updating without enhancement)	47 mapsheets	53.72%	53.72%			
2. Topographic database mapping	66 mapsheets	42.50%	42.50%			
3. Small Scale Mapping (1:250,000)	5 mapsheets	36.16%	36.16%			
<b>3. Administrative Mapping</b>		<b>44.00</b>	<b>44.00</b>	<b>100</b>		
1. Provincial maps	12 mapsheets	47.00%	47.00%			
2. Special Mapping	Road Atlas of Visayas Is.	37.00%	38.00%			
<b>4. Map Printing and Reproduction</b>		<b>28.98</b>	<b>28.98</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)					
<b>5. Modernization of the Philippine Geodetic Reference System (PGRS)</b>		<b>51.88</b>	<b>51.88</b>	<b>100</b>		
1. Development and maintenance of PGRS						
1.a Establishment of AGS (Outsourced)	5 AGS established	2.50%	2.50%			
1.b AGS Site selection	6 sites selected	2.99%	3.42%			
1.c AGS maintenance	40 AGS maintained	2.06%	2.06%			
1.d GCP re-observation (Outsourced)	600 GCPs re-observed	5.00%	5.00%			
1.e Deformation Training (Outsourced)	1 model; 2 trainings conducted	10.00%	10.00%			
1.f IEC Campaign	3 sessions of IEC conducted	4.33%	4.33%			
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	3.50% (200 GCPs)	3.50% (200 GCPs)			
1.i Releveling of BMs (Outsourced)	100 km releveld	2.00%	2.00%			
1.j Densification of gravity stations (GS)	2,000 GS densified	4.50% (900 GS)	4.50% (900 GS)			
1.k Research and Development	2 papers	5.00%	5.00%			
<b>Program: Resource Assessment and Mapping</b>						
<b>1. Forestland Evaluation and Mapping</b>		<b>43.75</b>	<b>43.75</b>	<b>100</b>		
1. Integration of four (4) LC Categories based on 1987 Constitution	2 Provincial maps produced (Proc. mineral reserve)	20.00%	20.00%			
2. Land Classification of Unclassified Public Forest	4 Proposed LC maps	16.25%	16.25%			
3. Rectification of LC maps	4 Proposed LC maps for ammendment	7.50%	7.50%			
<b>2. Land Cover Mapping</b>		<b>27.50</b>	<b>27.50</b>	<b>100</b>		
	20 provinces					
<b>3. Coastal Resource Mapping and Assessment</b>		<b>42.42</b>	<b>40.65</b>	<b>95.83</b>		
	17 provinces					Presentation to Stakeholders was rescheduled in June 2018 due to New Methodology for image classification.
<b>4. Mapping and Assessment of Low-lying Areas Vulnerable to Sea Level Rise</b>		<b>41.00</b>	<b>41.00</b>	<b>100</b>		
	67 provinces					

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<b>5. ENR Data Integration</b>						
		<b>42.20</b>	<b>42.20</b>	<b>100</b>		
A. Geospatial data integration	12 provinces	40.83%	40.83%			
B. Geospatial information archiving	220 maps (various projects)	45.40% (100 maps)	45.40% (100 maps)			
<b>Program: Information Management and Statistical Services</b>						
<b>1. Information Systems Development &amp; Maintenance</b>						
		<b>39.25</b>	<b>39.25</b>	<b>100</b>		
1. System Analysis	8 Client Requirements Assessment Report	9.50% (4 systems)	9.50% (4 systems)			
2. System Design	8 System Design Document (SDD)	4.50% (4 systems)	4.50% (4 systems)			
3. Application Development	6 Program Source Codes	20.00% (4 programs)	20.00% (4 programs)			
4. System Implementation	6 Users Manual					
5. System Maintenance	18 Systems Monitoring Report					
6. Updating of NAMRIA Website	Updated contents of website	5.25%	5.25%			
7. Concept paper/Proj. Proposal Prep	Concept Paper/Project Proposal					
<b>2. Database Design and Development</b>						
		<b>17.52</b>	<b>17.52</b>	<b>100</b>		
1. Data Requirement Analysis	4 Client Requirement Assessment Report-Dataholdings	8.76% (2 database)	8.76% (2 database)			
2. Database design	4 Database design document	8.76% (2 database)	8.76% (2 database)			
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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(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>44.90</b>	<b>44.90</b>	<b>100</b>		
1. Media Production & Packaging	4 NAMRIA IEC materials published	3.60% (2 IEC materials)	3.60% (2 IEC materials)			
	100% events printed issues through Newscoop and graphic arts/digital layout designs for significant events	5.25%	5.25% (26 Newscoop) (5 graphic arts)			
	1 NAMRIA AVP Profile	3.50%	3.50%			
2. Information dissemination and documentation	4 IEC conducted	8.45% (2 IEC)	8.45% (2 IEC)			
	6 map and technology exhibits	(2 exhibits)	(2 exhibits)			
	100% requests for photo and video documentation		(67 photo & 21 video docs)			
3. Geomatics Training	100% regular/special/MOA-based training programs conducted	11.75%	11.75% (14 trainings)			
	1 PRC Accreditation	(1 Accreditation)	(1 Accreditation)			
	1 NGTC Training Report	(1 Training Report)	(1 Training Report)			
4. Client Services	100% clients served	12.35%	12.35% (2,478 clients)			
	7 Client Reports	(4 Client Report)	(4 Client Report)			
	12 Monthly Sales Report	(5 Monthly Sales Report)	(5 Monthly Sales Report)			
	17 MSO Inventory Report	(12 MSO Inventory Report)	(12 MSO Inventory Report)			
<b>4. Information and Communications Technology Resource Management</b>		<b>42.95</b>	<b>42.95</b>	<b>100</b>		
1. Maintenance of 688 computer system (twice per year)	100% computer system maintained twice per year	22.95%	22.95% (489 computer system)			
	At least 95% operational in a month	(=>95% operational)	(99.999% operational)			
2. Network/Data center maintenance and administration	1 Network system operational at a minimum of 95% monthly	16.65% (=>95% operational)	16.65% (100% operational)			



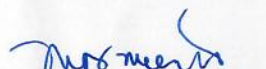
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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
3. ICT Research and Development - Technology case study for NAMRIA deployment and utilization - ICT Resource Management Information System (ICTRM IS) Maintenance	1 Case Study  1 ICTRM IS	1.25% (abstract)  2.10%	1.25% (abstract)  2.10%			
<b>LOCALLY-FUNDED</b>						
<b>NAMRIA Geospatial Data Infrastructure</b>		<b>24.00</b>	<b>24.00</b>	<b>100</b>		
1. System Analysis	1 Client Requirements Assessment Report	18.00%	18.00%			
2. System Design	1 System design document	6.00%	6.00%			
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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