

National Mapping and Resource Information Authority

Physical Performance Report

As of June 30, 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)	June 1-30 (Second Quarter)	As of June 30, 2018			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
1. Hydrographic Surveys		41.20	27.10	65.78		
1. Exclusive Economic Zone (EEZ)/Archipelagic Waters	14,500 km sounding lines surveyed	38.00%	12.50%		BRPH Presbitero is not operational due to gearbox problem from March to May 2018. Gearbox was installed and sea trial was conducted early June 2018.	Survey team was dispatched on 26 June 2018.
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)	35.00%		BRPH Presbitero is not operational due to gearbox problem from March to May 2018. Gearbox was installed and sea trial was conducted early June 2018.	Survey team was dispatched on 26 June 2018.
4. Maintenance of Survey Vessels	4 survey vessels; 2 rubber boats; 2 motor launches; 4 skiffs	46.00%	46.00%			
5. Maintenance and Operation of Magnetic Observatory	120 geomagnetic absolute observations	6.00% (60 absolute observation)	6.00% (60 absolute observation)			
- Operation of Magnetic Observatory	12 monthly records of geomagnetic data	12.00% (6 monthly records)	12.00% (6 monthly records)			
- Magnetic Observation of Repeat Stations	16 magnetic force data from magnetic repeat stations	24.00% (6 stations)	24.00% (6 stations)			
2. Nautical Charting		54.17	54.17	100		
1. Data compilation and/or enhancement of nautical charts	8 Harbor charts	62.50% (5 charts)	62.50% (5 charts)			
	2 Approach charts	25.00% (1 chart)	25.00% (1 chart)			
	13 Coastal charts	50.00% (5 charts)	50.00% (5 charts)			
	1 EEZ Chart	100%	100%			

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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	55.00% (5 charts)	55.00% (5 charts)			
3. Manual correction of printed nautical charts	2,000 charts	60.00% (1,200 charts)	60.00% (1,200 charts)			
3. Maritime Publications and Support Services		50.30	50.30	100		
1. Publication of Philippine Notices to Mariners (NTM) and Navigational Warnings	12 NTMs published @ 1 book monthly	50.00% (6 NTMs)	50.00% (6 NTMs)			
2. Revision of Philippine Coast Pilot (PCP) Book	Vol. 1 & 2 manuscript 8th Edition edited	49.90%	49.90%			
3. Publication of Philippine List of Lights (PLL)	2018 Edition of PLL published	50.00%	50.00%			
4. Delineation of municipal waters (MW)	80 LGUs assisted	50.00% (25 LGUs)	50.00% (25 LGUs)			
5. Compilation of coastal charts and maritime zones	12 coastal charts compiled	50.00% (12 charts compiled)	50.00% (12 charts compiled)			
4. Physical Oceanographic Surveys		57.34	57.30	99.93		
1. Maintenance of tide stations (TS)						
- Annual inspection and releveling	47 stations inspected and relevelled	45.20% (25 stations)	45.20% (25 stations)			
- Repair of tide stations	3 stations repaired	10.00% (2 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	49.98% (47 stations)	49.74% (47 stations)			
2.2 Re-observation of subordinate stations	2 stations re-observed	100% (2 stations)	100.00% (2 stations)			

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
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	62.50% (1 station)	62.50% (1 station)			
2.5 Establishment of new tide stations	3 stations established	50.00% (1 station)	50.00% (1 station)			
3. Data processing & analysis						
3.1 Processing of physical oceanographic data						
- Tidal data from tide stations	100% of downloaded/ retrieved months datasets	34.98%	34.98%			
- 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)	5.00% (1 dataset)			
- 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	49.98%	49.74%			
4.2 Preparation of Tide and Current Tables (TCTs)	1 manuscript of tide and current prediction prepared	70.00%	70.00%			
4.3 Provision of tidal information (Updating of tidal information on nautical charts and certification of oceanographic information	As per request	49.98%	49.98% (39 nautical charts) (38 clients)			

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
Program: Mapping and Geodesy						
1. Large-scale Base Mapping		36.97	36.76	99.43		
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	58.88%	58.88%			
b. Cartographic enhancement	55 mapsheets	56.89%	53.00%			
c. Philippine Islands Inventory						
a. Delineation of coastline and Island classification (In-house)		56.35%	56.35%			
b. Delineation of coastline and Island classification (Outsource)		25.00%	25.00%			
2. Medium and Small Scale Mapping		53.14	53.14	100		
. Medium scale mapping (1:50,000)						
. Topographic base map updating						
a In-house (Feature extraction and evaluation of vector data)	45 mapsheets	80.25%	80.25%			
b Cartographic enhancement (In-house)	45 mapsheets	29.86%	29.86%			

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
1.c Contract Out (Updating without enhancement)	47 mapsheets	58.11%	58.11%			
2. Topographic database mapping	66 mapsheets	51.85%	51.85%			
3. Small Scale Mapping (1:250,000)	5 mapsheets	49.16%	49.16%			
3. Administrative Mapping		54.00	54.00	100		
1. Provincial maps	12 mapsheets	57.00%	57.00%			
2. Special Mapping	Road Atlas of Visayas Is.	47.00%	47.00%			
4. Map Printing and Reproduction		37.60	37.60	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)	(50 printed maps)	(63 printed maps)			
5. Modernization of the Philippine Geodetic Reference System (FGRS)		58.80	54.99	93.52		
1. Development and maintenance of PGRS						
1.a Establishment of AGS (Outsourced)	5 AGS established	3.00%	3.00%			
1.b AGS Site selection	6 sites selected	3.68% (4 sites)	5.00% (6 sites)			
1.c AGS maintenance	40 AGS maintained	2.48%	2.48%			
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% (2 trainings)	10.00% (2 trainings)			
1.f IEC Campaign	3 sessions of IEC conducted	7.16% (2 IEC)	4.33% (1 IEC)		There is change in venue, from Cebu to Legazpi due to management prioritization.	Legazpi IEC will be conducted in August 2018.
1.g Validation of Philippine Geoid Model (PGM)	50 PGM validated	10.00% (50 PGM)	10.00% (50 PGM)			

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1.h GCP Maintenance	1,000 GCPs maintained	5.00% (400 GCPs)	5.00% (400 GCPs)			
1.i Releveling of BMs (Outsourced)	100 km releveled	2.00%	5.00% (100 kms)			
1.j Densification of gravity stations (GS)	2,000 GS densified	5.50% (1,100 GS)	5.50% (1,100 GS)			
1.k Research and Development	2 papers	5.00%	4.00%			
Program: Resource Assessment and Mapping						
1. Forestland Evaluation and Mapping		44.75	44.75	100		
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	8.50%	8.50%			
2. Land Cover Mapping		43.00	39.00	90.70		
	20 provinces				Reduction of technical personnel due to resignation and transfer to other DENR offices.	Expedite the hiring of technical personnel and utilizing technical personnel from other divisions.
3. Coastal Resource Mapping and Assessment		50.27	50.27	100		
	17 provinces					
4. Mapping and Assessment of Low-lying Areas Vulnerable to Sea Level Rise		55.90	55.90	100		
	67 provinces					

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
5. ENR Data Integration		49.60	49.60	100		
A. Geospatial data integration	12 provinces	47.50%	47.50%			
B. Geospatial information archiving	220 maps (various projects)	54.49% (120 maps)	54.49% (120 maps)			
Program: Geospatial Information System Management						
1. Information Systems Development & Maintenance		50.00	50.00	100		
1. System Analysis	8 Client Requirements Assessment Report	9.50% (4 systems)	9.50% (4 systems)			
2. System Design	8 System Design Document (SDD)	6.50% (4 systems)	6.50% (4 systems)			
3. Application Development	6 Program Source Codes	20.00% (4 programs)	20.00% (4 programs)			
4. System Implementation	6 Users Manual	4.00% (4 systems)	4.00% (4 systems)			
5. System Maintenance	18 Systems Monitoring Report	4.50% (18 systems)	4.50% (18 systems)			
6. Updating of NAMRIA Website	Updated contents of website	5.50%	5.50%			
7. Concept paper/Proj. Proposal Prep	Concept Paper/Project Proposal					
2. Database Design and Development		50.03	50.03	100		
1. Data Requirement Analysis	4 Client Requirement Assessment Report-Dat Holdings	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	8.76% (2 database)	8.76% (2 database)			
4. Database maintenance	1 updated NAMRIA database for all information systems	8.75%	8.75%			
5. Technical support						
- LGU GIS Capability Assessment	Assessment Report	7.50%	7.50%			
- Other technical assistance	Client Request Acceptance	7.50%	7.50%			

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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		53.96	53.96	100		
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	7.65%	7.65% (31 Newscoop) (11 graphic arts)			
	1 NAMRIA AVP Profile	3.50%	3.50%			
2. Information dissemination and documentation	4 IEC conducted	11.26% (2 IEC)	11.52% (2 IEC)			
	6 map and technology exhibits	(4 exhibits)	(4 exhibits)			
	100% requests for photo and video documentation		(82 photo & 23 video docs)			
3. Geomatics Training	100% regular/special/MOA-based training programs conducted	13.50%	13.50% (22 trainings)			
	1 PRC Accreditation	(1 Accreditation)	(1 Accreditation)			
	1 NGTC Training Report	(1 Training Report)	(1 Training Report)			
4. Client Services	100% clients served	14.45%	14.45% (2,835 clients)			
	7 Client Reports	(5 Client Report)	(5 Client Report)			
	12 Monthly Sales Report	(6 Monthly Sales Report)	(6 Monthly Sales Report)			
	17 MSO Inventory Report	(14 MSO Inventory Report)	(14 MSO Inventory Report)			
4. Information and Communications Technology Resource Management		52.56	52.56	100		
1. Maintenance of 688 computer system (twice per year)	100% computer system maintained twice per year	27.54% (652 computer system)	27.54% (652 computer system)			
	At least 95% operational in a month	(=>95% operational)	(99.998% operational)			
2. Network/Data center maintenance and administration	1 Network system operational at a minimum of 95% monthly	20.00% (=>95% operational)	20.00% (99.98% operational)			

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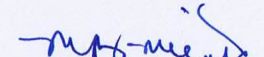

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
3. ICT Research and Development - Technology case study for NAMRIA deployment and utilization - ICT Resource Management Information System (ICTRM IS) Maintenance	1 Case Study 1 ICTRM IS	2.50% (abstract, data gathering) 2.52%	2.50% (abstract, data gathering) 2.52%			
LOCALLY-FUNDED						
NAMRIA Geospatial Data Infrastructure		39.00	39.00	100		
1. System Analysis	1 Client Requirements Assessment Report	18.00%	18.00%			
2. System Design	1 System design document	9.00%	9.00%			
3. Program Development	1 Program Source code/test script					
4. System Implementation	1 System User Manual					
5. System Maintenance	4 System Monitoring Report	5.00% (4 systems)	5.00% (4 systems)			
6. Database Maintenance	1 database maintained	7.00%	7.00%			

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