

National Mapping and Resource Information Authority
Physical Performance Report
As of September 30, 2019

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 Fourth Quarter, FY 2019
	FY 2019 (Annual)	September 1-30 (Third Quarter)	As of September 30, 2019			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
1. Hydrographic Surveys		84.55	62.46	73.87		
1. Exclusive Economic Zone	4,000 sq km (Philippine Sea/Philippine Rise)	100.00% (4,000 sq km)	95.00% (4,400 sq km)		Slippage is on the data processing of surveyed data which were temporarily put on hold to concentrate on the hydrographic survey in Manila Bay.	Officers assigned on data acquisition will be shifted to data processing to finish the project by end of November.
2. Archipelagic Waters/Sealanes	5,000 sq km (2,500 sq km Panay Gulf; 2,500 sq km Sulu Sea)	70.00% (Panay Gulf; Sulu Sea)	0.00%		Slippage due to delayed completion of drydocking of BRP Ventura due to delayed approval of GAA. Contractors requested extension which were approved on the repair of controllable pitch propeller (CPP) and installation of radar equipment.	Targeted areas to be surveyed will be changed to vicinity of Romblon, Sibuyan, Tablas, Panay and Masbate Islands. SSD will seek the approval of the Administrator for the change of location. The reason is to conserve fuel so that it will last up to 2nd week of December when the delivery of additional ADO is expected. It will take 15 days to complete the survey of new location and still meet the target of 5,000 sq km compared to Panay and Sulu which will take 24 days.
3. Ports and Harbors	8 Ports and Harbors	99.38% (8 Ports)	84.96% (8 Ports)		Pag-asa Island was aborted due to overwhelming presence of Chinese Militia vessels at the survey area and constant harassment and/or warnings from the Chinese Coast Guard as soon as the NAMRIA vessel and small boats are within 12 NM distant from Subi Reef. Hydrographic survey of Kota Island and Likas Island will not be executed this year due to the delay in the deployment of BRPH Presbitero from 1st week of April to 12 May 2019. The remaining survey window for 12 May to first week of June were allotted for PAGASA Islands and WPS EEZ. Deployment scheduled on April was aborted for Port of Argao due to delayed execution of drydocking of BRPH Palma.	Hydrographic survey of Port of Roxas in Mindoro was executed to compensate for non-completion of surveys in Pag-asa Island. Hydrographic survey of Port of Sual was conducted to compensate for non-execution of Kota Island. Hydrographic survey for Alaminos was conducted in advance in lieu of Port of Argao. Hydrographic survey of Port of Romblon was being conducted to compensate for non-execution of Likas Island survey in WPS.

National Mapping and Resource Information Authority

Physical Performance Report

As of September 30, 2019

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 Fourth Quarter, FY 2019
	FY 2019 (Annual)	September 1-30 (Third Quarter)	As of September 30, 2019			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
4. Maintenance and operation of survey vessels	4 survey vessels; 2 motor launches; 11 survey skiffs (36 Multi beam echo sounder (MBES); 27 Single beam echo sounder (SBES)	80.00%	59.00%		BRPH Ventura: Delayed completion of drydocking due to delayed approval of GAA. Contractor's requests for extension which were approved on the repair of CPP and installation of radar equipment. BRPH Hizon: Main engines not operational. Contractor's request for extension was approved. Propellers need to be replaced. Funds for procurement of propellers is not enough, so only one propeller was procured.	Constant communication with the contractor and procurement project monitoring to speed-up repairs and ensure completion of procurement projects. Constant communication with contractor and monitor progress of repair to ensure completion in the soonest possible time. Prioritize procurement of one or more propeller and drydocking next year.
5. Maintenance and Operation of Magnetic Observatory - Available geomagnetic information - Magnetic Observation of Repeat Stations	7,310 hourly values per year 18 magnetic force from magnetic repeat stations (MRS)	80.00% (5,848 hourly values) 66.66% (12 MRS)	86.35% (6,312 hourly values) 66.66% (12 MRS)			
2. Nautical Charting		66.90	66.90	100		
1. Data compilation and/or enhancement of nautical charts	8 Harbor charts 2 Approach charts 13 Coastal charts 1 EEZ Chart 2 General Charts 15 Master Charts	81.25% (8 charts) 100.00% (2 charts) 75.60% (13 charts) 54.00% 77.00% (2 charts) 75.47% (15 charts)	81.25% (8 charts) 100.00% (2 charts) 77.54% (13 charts) 54.00% 77.00% (2 charts) 75.47% (15 charts)			
2. Data compilation and Update of Electronic Navigational Charts (ENC)	10 ENCs compiled and updated	70.00% (10 charts)	77.50% (10 charts)			

National Mapping and Resource Information Authority

Physical Performance Report

As of September 30, 2019

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 Fourth Quarter, FY 2019
	FY 2019 (Annual)	September 1-30 (Third Quarter)	As of September 30, 2019			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
3. Manual correction of printed nautical charts	2,000 charts	78.67% (1,680 charts)	78.67% (1,680 charts)			
4. Reproduction of nautical publications	6,000 charts 2,000 copies (2020 TCTs)	50.01% (3,000 charts) 33.33%	50.01% (3,000 charts) 33.33%			
3. Maritime Publications and Support Services		63.15	62.90	99.60		
1. Publication of Philippine Notices to Mariners (NTM) and Navigational Warnings	100% NW emailed to NAVAREA XI Coordinator 12 NTMs emailed to clients	75.20% (100%) NW/9 NTMs	75.20% (100%) NW/9 NTMs			
2. Publication of Philippine List of Lights (PLL)	2020 Edition of PLL published	50.50%	50.50%			
3. Publication of Philippine Coast Pilot (PCP) Book	Coast Pilot Book published	52.00%	51.00%		Awaiting for the approval for the outsourced printing of PCP.	
4. Delineation of municipal waters (MW)	100% of LGUs assisted	74.90% (100% of LGUs)	74.90% (100% (62 LGUs))			
4. Physical Oceanographic Surveys		52.73	52.68	99.90		
1. Maintenance of tide stations - Annual inspection and releveling	50 stations inspected and releveled	21.00% (42 stations)	22.00% (44 stations)			
2. Acquisition of physical oceanographic data						
2.1 Operation of tide stations - Sea level measurements	50 stations sea level measured	9.37% (50 stations)	9.35% (49 stations)		Operation of Davao Tide Station was temporarily suspended due to pier development.	Operation will commence once the development of the pier is completed.
- Downloading of tidal data	50 stations per month	7.47% (50 stations)	7.45% (49 stations)			
- Temperature, density, & salinity measurements	50 stations per month	1.89% (50 stations)	1.88% (49 stations)			

National Mapping and Resource Information Authority

Physical Performance Report

As of September 30, 2019

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 Fourth Quarter, FY 2019
	FY 2019 (Annual)	September 1-30 (Third Quarter)	As of September 30, 2019			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
3. Data processing, analysis & prediction 3.1 Processing of physical oceanographic data - Tidal data from tide stations - Temperature, density, & salinity	100% of downloaded/retrieved mos datasets 100% of submitted monthly datasets					
4. Oceanographic data management 4.1 Updating and maintenance of NODC - Databasing & archiving of sea level and other physical oceanographic data - Updating of tidal datum planes	100% of downloaded/retrieved months datasets 100% of downloaded/retrieved months datasets					
4.2 Preparation of Tide and Current Tables (TCTs) - Tide and Current Prediction manuscript - Quality Control - Printing	1 manuscript 1 manuscript 2,000 copies	10.00% 2.00% 1.00%	10.00% 2.00% 1.00%			
4.3 Provision of tidal information - Updating of tidal information on nautical charts - Provision and certification of oceanographic information	40 Nautical charts 95% acted upon request		(60 nautical charts) (62 clients)			
Program: Mapping and Geodesy						
1. Large-scale Base Mapping		49.23	49.23	100		
a. Production of New-Series Large-Scale topographic base maps at 1:4,000 scale	360 mapsheets	25.00%	83.50%			
b. Unified Mapping b.1 Feature extraction for production of large-scale 1:10,000 topographic maps	1,500 mapsheets	50.00%	87.00%			

National Mapping and Resource Information Authority

Physical Performance Report

As of September 30, 2019

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 Fourth Quarter, FY 2019
	FY 2019 (Annual)	September 1-30 (Third Quarter)	As of September 30, 2019			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
b.2 Quality assessment of outsourced line maps	1,800 mapsheets	75.75% (1,440 map sheets)	75.75% (1,440 map sheets)			
b.3 Large-scale (1:10,000) topographic database management and cartographic enhancement						
a. Topographic databasing	130 mapsheets	83.25% (108 map sheets)	83.25% (108 map sheets)			
b. Cartographic enhancement	55 mapsheets	82.50% (15 map sheets)	82.50% (15 map sheets)			
2. Medium and Small Scale Mapping		82.47	82.47	100		
A. Medium scale mapping (1:50,000)						
1. Topographic base map updating						
1.a In-house (Feature extraction evaluation of vector data and cartographic enhancement)	45 mapsheets	82.19%	82.19%			
1.b Contract Out (Feature extraction w/o enhancement)		85.83%	85.83%			
2. Topographic database mapping	66 mapsheets	79.92%	79.92%			
B. Small Scale Mapping (1:250,000)	5 mapsheets	83.79%	83.79%			
3. Administrative Mapping		93.80	93.80	100		
1. Provincial maps	12 provincial maps; 1 regional map	94.00%	94.00%			
2. Special Mapping	73 Cities Road Atlas of Luzon Islands	93.33%	93.33%			
4. Map Printing and Reproduction		65.23	57.85	88.69		
1. Printing and Re-printing of topographic, administrative maps & nautical charts	130 mapsheets printed Special Publications: (Centennial Calendar, 2020 Planner, 2020 Calendar, 2020 TCTs (80,000 shts/2,500 books)	65.23% (98 mapsheets) (Centennial Calendar)	57.85% (74 mapsheets) (Centennial Calendar; 80,000 shts. 2020 TCTs)		Prioritized the printing of 2020 TCTs due to clients' demand.	Printing of twenty four (24) maps will be completed in October and November 2019.

National Mapping and Resource Information Authority

Physical Performance Report

As of September 30, 2019

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 Fourth Quarter, FY 2019
	FY 2019 (Annual)	September 1-30 (Third Quarter)	As of September 30, 2019			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
5. Modernization of the Philippine Geodetic Reference System (PGRS)		91.62	82.82	90.40		
1. Establishment of AGS	6 AGS	7.32% (4 AGS)	7.32% (4 AGS)		The remaining four (4) sites will be maintained in October since the budget for September has been depleted. BARMM is holding off the contractor and requested for resource person to discuss the project. BARMM was delayed due to peace and order situation.	
2. AGS Site selection	7 sites	10.00% (7 sites)	10.00% (7 sites)			
3. Maintenance of AGS	42 AGS	8.10% (36 AGS)	7.20% (32 AGS)			
4. GCP re-observation	1,067 GCPs	20.00% (1,067 GCPs)	14.50% (767 GCPs)			
5. Development of PGD 2020	1 training	10.00% (1 training)	10.00% (1 training)			
6. IEC	1 IEC	8.00% (1 Session)	8.00% (1 Session)			
7. Validation of Philippine Geoid Model	50 BMs	10.00% (50 PGM)	10.00% (50 PGM)			
8. Releveling of BMs	748 kms	10.00% (748 kms)	7.60% (533 kms)			
9. Densification of gravity stations	2,000 GS	8.20% (1,600 GS)	8.20% (1,600 GS)			
10. Uploading to NGIMS of Geodetic Reference datasets	6 AGS/1067 GCPs					
Program: Resource Assessment and Mapping						
1. Forestland Evaluation and Mapping		84.66	84.66	100		
1. Land Classification of Unclassified Public Forest	3 Proposed LC maps	84.66% (2 LC maps)	84.66% (2 LC maps)			

National Mapping and Resource Information Authority

Physical Performance Report

As of September 30, 2019

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 Fourth Quarter, FY 2019
	FY 2019 (Annual)	September 1-30 (Third Quarter)	As of September 30, 2019			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
2. Land Cover Mapping		56.00	56.00	100		
	18 provinces	56.00%	56.00%			
Risk Opportunity No. R-G-2018-01 1. Acquisition of latest VHR imageries due to increasing demand for new/ additional data for DRRM and climate change	VHR Satellite Imagery from DOST-ASTI	100.00%	100.00%			
3. Coastal Resource Mapping and Assessment		71.73	71.73	100		
	14 provinces	71.73%	71.73%			
4. ENR Data Integration (Geospatial Data Integration)		83.40	83.40	100		
	10 provinces	83.40% (7 provinces)	83.40% (7 provinces)			
5. Quadrant Mapping in Preparation for Massive Earthquake (Big One) in Metro Manila		72.00	72.00	100		
	5,775 maps	72.00% (3,300 mapsheets)	72.00% (3,300 mapsheets)			
Program: Geospatial Information System Management						
1. Information Systems Development & Maintenance		69.50	69.50	100		
1. Application Development	5 Programs developed	51.25% (5 programs)	51.25% (5 programs)			
2. System Implementation	5 Systems implemented	6.00% (3 systems)	6.00% (3 systems)			
3. System Maintenance	22 Systems maintained	12.25% (22 systems)	12.25% (22 systems)			

National Mapping and Resource Information Authority

Physical Performance Report

As of September 30, 2019

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 Fourth Quarter, FY 2019
	FY 2019 (Annual)	September 1-30 (Third Quarter)	As of September 30, 2019			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
2. Geospatial Database Development & Maintenance		72.00	72.00	100		
1. Database Buildup/Maintenance	5 Database buildup	22.50% (5 database)	22.50% (5 database)			
2. Database maintenance	1 Database maintained	8.00% (1 databasc)	8.00% (1 database)			
3. Database design	1 Database designed	27.00% (1 database)	27.00% (1 database)			
4. LGU GIS Capability Assessment - LGU Capability Assessment Survey	2 Assessment Survey Reports	7.50% (1 Report)	7.50% (1 Report)			
5. Technical support - GIS Training	2 GIS Training Reports	7.00% (1 Training Report)	7.00% (1 Training Report)			
3. Geospatial Information Services and Production of NAMRIA Information, Education, and Communication Materials		72.40	72.40	100		
1. Media Production and Packaging	4 NAMRIA IEC materials published 100% events printed issues through Newscoop and graphic arts/ digital layout designs for significant events	14.50% (3 IEC materials) (100% events covered)	14.50% (3 IEC materials) 100% (34) Newscoop)			
2. Information dissemination and documentation	1 NAMRIA AVP Profile	18.40%	19.40%			
	3 IEC	(2 IEC)	(2 IEC)			
	1 Updated List of NAMRIA Products & Services	(1 NAMRIA Prods. & Serv))	(1 NAMRIA Prods. & Serv))			
	6 map and technology exhibits	(4 exhibits)	(7 exhibits)			
	100% requests for photo and video documentation	(100% requests acted)	100% (195 photo and 41 video documentation)			
3. Geomatics Training	100% regular/special/MOA-based training programs conducted	19.75% (100% trainings condtd)	19.75% 100% (32) trainings)			
	1 PRC Accreditation	(1 PRC Accreditation)	(1 PRC Accreditation)			
	2018 NGTC Training Report	(1 Report)	(1 Report)			

National Mapping and Resource Information Authority

Physical Performance Report

As of September 30, 2019

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 Fourth Quarter, FY 2019
	FY 2019 (Annual)	September 1-30 (Third Quarter)	As of September 30, 2019			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
4. Client Services	100% clients served 7 Reports 12 Monthly Sales Report 5 MSO Inventory Report	19.75% (100% clients served) (6 Reports) (9 Monthly Sales Reports) (4 MSO Inv. Reports)	20.15% 100% (6,168) clients (6 Reports) (9 Monthly Sales Reports) (6 MSO Inv. Reports)			
Risk No. R-G-2018-01 - Increasing demand for GIS training Knowledge Services Process - Conduct in-house trainors for potential GIS trainors - Prepare online tutorial video as new means of training program		30.00%	30.00%			
4. Information and Communications Technology Resource Management		73.82	73.82	100		
1. Maintenance of computer system	100% of computer system maintained semestrally At least 95% operational in a month	36.31% (1,148 computer systems) (=>95% operational)	36.31% (1,148 computer systems) (99.99% operational)			
2. Network/Data center maintenance and administration	1 Network system operational at a minimum of 95% monthly	29.99% (=>95% operational)	29.99% (99.91% operational)			
3. ICT Research and Analysis - Technology case study for NAMRIA deployment and utilization - ICT Resource Management Information System (ICTRM IS) Maintenance	1 Case Study 1 ICTRM IS	3.75% (Final draft) 3.77%	3.75% (Final draft) 3.77%			
Risk No. R-G-2018-06 System vulnerability to cyber attack resulting in security breach on NAMRIA network or system - Subscribe to vulnerability/penetration testing - Monitor performance of vulnerability/penetration testing services for ICT infrastructure and web application		50.00% 50.00%	50.00% 50.00%			

National Mapping and Resource Information Authority
Physical Performance Report
 As of September 30, 2019

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 Fourth Quarter, FY 2019
	FY 2019 (Annual)	September 1-30 (Third Quarter)	As of September 30, 2019			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
LOCALLY-FUNDED						
NAMRIA Geospatial Data Infrastructure		76.00	76.00	100		
1. System Analysis	1 System analyzed	16.00% (1 System)	16.00% (1 System)			
2. System Design	1 System designed	8.00% (1 System)	8.00% (1 System)			
3. Application Development	1 Program developed	30.00% (1 Program)	30.00% (1 Program)			
4. System Implementation	1 System implemented					
5. System Maintenance	5 System maintained	6.25% (5 systems)	6.25% (5 systems)			
6. Database Maintenance	1 database maintained	15.75% (LNL; DI)	15.75% (LNL; DI)			
Risk No. R-G-2018-15 - Slow internet speed of online users						
Knowledge Services Process						
- Monitor performance of cloud hosting with content delivery network for the Geoportal Philippines		74.97%	74.97%			

APPROVED BY:

Certified Correct By:


 Usec. **PETER N. TIANGOO, PhD**
 Department/Agency Head


MARITA R. SARMIENTO
 Head, Planning Unit


NOEL R. VEGA
 Head, Finance Unit