

Physical Performance Report

As of March 31, 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 Second Quarter, FY 2019
	FY 2019 (Annual)	March 1-31 (First Quarter)	As of March 31, 2019			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
1. Hydrographic Surveys		6.33	4.33	68.40		
1. Exclusive Economic Zone (West Philippine Sea/Philippine Rise)	4,000 sq km	-	-			
2. Archipelagic Waters/Sealanes (Bohol Sea)	5,000 sq km	-	-			
3. Ports and Harbors	8 Ports and Harbors	6.67% (1 Port)	10.00% (1 Port)			
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)	20.00%	10.00%		BRPH Presbitero's generator 1 and aircon on-going repair. BRPH Ventura Controllable Pitch Propeller (CPP) procurement process on-going, subject to the passage of 2019 GAA.	Closely monitor the repair of BRPH Presbitero's generator and aircon and procurement of BRPH Ventura's CPP.
5. Maintenance and Operation of Magnetic Observatory - Available geomagnetic information	7,310 hourly values per year	10.00% (1,462 hourly values)	11.65% (1,846 hourly values)			
- Magnetic Observation of Repeat Stations	18 magnetic force from magnetic repeat stations	-	-			
2. Nautical Charting		19.07	19.07	100		
1. Data compilation and/or enhancement of nautical charts	8 Harbor charts	37.50% (4 charts)	37.50% (4 charts)			
	2 Approach charts	64.50% (2 charts)	64.50% (2 charts)			
	13 Coastal charts	25.62% (5 charts)	25.62% (5 charts)			
	1 EEZ Chart	-	-			

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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	27.00% (1 chart)	27.00% (1 chart)			
3. Manual correction of printed nautical charts	15 Master Charts	26.60% (7 charts)	26.60% (7 charts)			
4. Reproduction of nautical publication	10 ENCs compiled and updated	22.40% (4 charts)	22.40% (4 charts)			
	2,000 charts	23.67% (546 charts)	23.67% (546 charts)			
		-	-			
3. Maritime Publications and Support Services		16.02	16.02	100		
1. Publication of Philippine Notices to Mariners (NTM) and Navigational Warnings	100% NW emailed to NAVAREA XI Coordinator 12 NTMs emailed to clients	24.70% (100%) NW/3 NTM	24.70% (100%) NW/3 NTM			
2. Publication of Philippine List of Lights (PLL)	2020 Edition of PLL published	11.50%	11.50%			
3. Publication of Philippine Coast Pilot (PCP) Book	Coast Pilot published	12.90%	12.90%			
4. Delineation of municipal waters (MW)	100% of LGUs assisted	15.00% (100% of LGUs)	15.00% 100% (14) LGUs			
4. Physical Oceanographic Surveys		12.74	12.74	100		
1. Maintenance of tide stations - Annual inspection and releveling	50 stations inspected and releveled	6.50% (13 stations)	6.50% (13 stations)			
2. Acquisition of physical oceanographic data						
2.1 Operation of tide stations - Sea level measurements	50 stations sea level measured	3.12% (50 stations)	3.12% (50 stations)			

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
- Downloading of tidal data	50 stations per month	2.49% (50 stations)	2.49% (50 stations)			
- Temperature, density, & salinity measurements	50 stations per month	0.63% (50 stations)	0.63% (50 stations)			
3. Data processing, analysis & prediction						
3.1 Processing of physical oceanographic data						
- Tidal data from tide stations	100% of downloaded/retrieved mos datasets					
- Temperature, density, & salinity	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	100% of downloaded/retrieved months datasets					
- Updating of tidal datum planes	100% of downloaded/retrieved months datasets					
4.2 Preparation of Tide and Current Tables (TCTs)						
- Tide and Current Prediction manuscript	1 manuscript					
- Quality Control	1 manuscript					
- Printing	2,000 copies					
4.3 Provision of tidal information						
- Updating of tidal information on nautical charts	40 Nautical charts					
- Provision and certification of oceanographic information	95% acted upon request					

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
Program: Mapping and Geodesy						
1. Large-scale Base Mapping		22.68	22.68	100		
a. Production of New-Series Large-Scale topographic base maps at 1:4,000 scale	360 mapsheets	20% (1 TOR & Bidding docs.)	23% (1 TOR & Bidding docs.; recommended Award of Contract)			
b. Unified Mapping						
b.1 Feature extraction for production of large-scale 1:10,000 topographic maps	1,500 mapsheets	10.00% (BAC procurement)	10.00% (BAC procurement)			
b.2 Quality assessment of outsourced line maps	1,800 mapsheets	6.80% (360 map sheets)	6.80% (360 map sheets)			
b.3 Large-scale (1:10,000) topographic database management and cartographic enhancement						
a. Topographic databasing	130 mapsheets	5.55% (36 map sheets)	5.55% (36 map sheets)			
b. Cartographic enhancement	55 mapsheets	3.00% (15 map sheets)	3.00% (15 map sheets)			
2. Medium and Small Scale Mapping		20.06	18.73	93.37		
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	15.63%	15.63%			
1.b Contract Out (Feature extraction w/o enhancement)		36.67%	25.00%		Awarding of contract was not undertaken due to unavailability of funds as a result of delayed passage of 2019 GAA.	Awarding of contract and Notice to Proceed will be issued once GAA approved.
2. Topographic database mapping	66 mapsheets	23.79%	23.79%			
B. Small Scale Mapping (1:250,000)	5 mapsheets	12.50%	12.50%			

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
3. Administrative Mapping		24.21	23.50	97.07		
1. Provincial maps	12 provincial maps; 1 regional map	26.78%	26.07%		For final application of correction on digital maps file.	Immediately submit to Reproduction and Printing Division (RPD) once correction completed.
2. Special Mapping	Cities Road Atlas of Luzon Islands	18.21%	17.50%			
4. Map Printing and Reproduction		11.10	11.10	100		
1. Printing and Re-printing of topographic, administrative maps & nautical charts	130 mapsheets printed Special Publications: (Centennial Calendar, 2019 Planner, 2019 Calendar, 2020 TCTs)	11.10%	11.10%			
5. Modernization of the Philippine Geodetic Reference System (PGRS)		30.87	30.87	100		
1. Establishment of AGS	6 AGS	2.00%	2.00%			
2. AGS Site selection	7 sites	4.17%	4.17%			
3. Maintenance of AGS	42 AGS	(2 sites) 2.70%	(2 sites) 2.70%			
4. GCP re-observation	1,067 GCPs	(12 AGS) 2.00%	(12 AGS) 2.00%			
5. Development of PGD 2020	1 training	10.00%	10.00%			
6. IEC	1 IEC	(1 training) 2.00%	(1 training) 2.00%			
7. Validation of Philippine Geoid Model	50 BMs	2.00%	2.00%			
8. Releveling of BMs	748 kms	(10 PGM) 2.00%	(10 PGM) 2.00%			
9. Densification of gravity stations	2,000 GS	2.80%	2.80%			
10. Uploading to NGIMS of Geodetic Reference datasets	6 AGS/1067 GCPs	(400 GS) 2.80%	(400 GS) 2.80%			

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Program: Resource Assessment and Mapping						
1. Forestland Evaluation and Mapping		31.00	31.00	100		
1. Land Classification of Unclassified Public Forest	3 Proposed LC maps	31.00%	31.00%			
2. Land Cover Mapping		11.68	11.68	100		
	18 provinces	11.68%	11.68%			
3. Coastal Resource Mapping and Assessment		16.71	16.71	100		
	14 provinces	16.71%	16.71%			
4. ENR Data Integration (Geospatial Data Integration)		23.00	23.00	100		
	10 provinces	23.00%	23.00%			
5. Quadrant Mapping in Preparation for Massive Earthquake (Big One) in Metro Manila		44.00	44.00	100		
	5,775 maps	44.00%	44.00%			
Program: Geospatial Information System Management						
1. Information Systems Development & Maintenance		27.25	27.25	100		
1. Application Development	5 Program Source Codes	25.00%	25.00%			
		(3 programs)	(3 programs)			
2. System Implementation	5 Users Manual	-	-			
3. System Maintenance	20 Systems Monitoring Report	-	-			
4. Updating of NAMRIA Website	Updated contents of website	2.25%	2.25%			

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
2. Geospatial Database Development & Maintenance		11.00	11.00	100		
1. Database Buildup/Maintenance	5 Database	7.50% (5 database)	7.50% (5 database)			
2. Database maintenance		2.00% (Dbase backup;backup log)	2.00% (Dbase backup;backup log)			
3. Database design	3 Database design document	1.50% (3 database)	1.50% (3 database)			
3. LGU GIS Capability Assessment - LGU Capability Assessment Survey	Assessment Survey	-	-			
4. Technical support - GIS Training	GIS Training Report	-	-			
3. Geospatial Information Services and Production of NAMRIA Information, Education, and Communication Materials		24.20	24.20	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	3.00% - (100% events covered)	3.00% - 100% (8) Newscoop)			
2. Information dissemination and documentation	1 NAMRIA AVP Profile 4 IEC 6 map and technology exhibits 100% requests for photo and video documentation	- 5.10% - (2 exhibit) (100% requests acted)	- 5.10% - (2 exhibit) 100% (63 photo and 7 video documentation)			
3. Geomatics Training	100% regular/special/MOA-based training programs conducted 1 PRC Accreditation 2018 NGTC Training Report	7.25% (100% trainings condtd) (1 Report)	7.25% 100% (10) trainings) (1 Report)			

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(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	8.85% (100% clients served) (4 Reports) (3 Monthly Sales Report) (1 MSO Inv. Report)	8.85% 100% (2,614) clients (4 Reports) (3 Monthly Sales Report) (1 MSO Inv. Report)			
4. Information and Communications Technology Resource Management		23.77	23.77	100		
1. Maintenance of computer system	100% of computer system maintained semestrally	11.27% (328 computer systems)	11.27% (328 computer systems)			
2. Network/Data center maintenance and administration	At least 95% operational in a month 1 Network system operational at a minimum of 95% monthly	(=>95% operational) 9.99% (=>95% operational)	(99.99% operational) 9.99% (99.94% operational)			
3. ICT Research and Analysis - Technology case study for NAMRIA deployment and utilization	1 Case Study	1.25%	1.25%			
- ICT Resource Management Information System (ICTRM IS) Maintenance	1 ICTRM IS	1.26%	1.26%			
LOCALLY-FUNDED						
NAMRIA Geospatial Data Infrastructure		18.25	18.25	100		
1. System Analysis	1 Client Requirement Assessment Report	13.00%	13.00%			
2. System Design	1 System design document					
3. Application Development	1 Program Source Code/Test Script/ Milestone Checklist					
4. System Implementation	1 System Implementation (User Manual/ System Training Report)					

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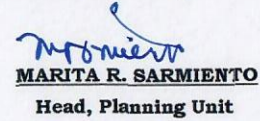
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5. System Maintenance	5 System Maintenance (Monitoring Report/ System User Satisfaction Report/System Maint. Summary Rep./Website Content Update					
6. Database Maintenance	1 database maintained	5.25%	5.25%			
Risk No. R-G-2018-15 - Slow internet speed of online users Knowledge Services Process - Monitor performance of cloud hosting with content delivery network for the Geoportal Philippines		24.99%	24.99%			

APPROVED BY:

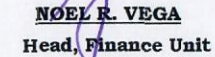
Certified Correct By:



Usec. PETER N. TIANGCO, PhD
Department/Agency Head



MARITA R. SARMIENTO
Head, Planning Unit



NOEL R. VEGA
Head, Finance Unit