

National Mapping and Resource Information Authority

Physical Performance Report

As of February 28, 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)	February 1-28 (First Quarter)	As of February 28, 2019			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
1. Hydrographic Surveys		3.00	3.00	100		
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	5 Ports and Harbors	-	-			
4. Management of Survey Platforms	4 survey vessels; 2 motor launches; 11 survey skiffs (36 Multi beam echo sounder (MBES); 27 Single beam echo sounder (SBES)	10.00%	12.00%			
5. Maintenance and Operation of Magnetic Observatory - Available geomagnetic information	7,310 hourly values per year	5.00% (731 hourly values)	11.65% (1,224 hourly values)			
- Magnetic Observation of Repeat Stations	18 magnetic force from magnetic repeat stations	-	-			
2. Nautical Charting		20.31	20.31	100		
1. Data compilation and/or enhancement of nautical charts	8 Harbor charts	25.00% (4 charts)	(4 charts)			
	2 Approach charts	45% (2 charts)	45% (2 charts)			
	13 Coastal charts	17.69% (5 charts)	17.69% (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	20.00%	20.00%			
	15 Master Charts	(1 chart) 35.33%	(1 chart) 35.33%			
3. Manual correction of printed nautical charts	10 ENCs compiled and updated	20.00%	20.00%			
	2,000 charts	(4 charts) 17.09%	(4 charts) 17.09%			
		(300 charts)	(300 charts)			
3. Maritime Publications and Support Services		11.24	11.24	100		
1. Publication of Philippine Notices to Mariners (NTM) and Navigational Warnings	100% NW emailed to NAVAREA XI Coordinator	16.66%	16.66%			
	12 NTMs emailed to clients	(100%) NW/2 NTM	100%(6) NW/2 NTM			
2. Publication of Philippine List of Lights (PLL)	2020 Edition of PLL published	5.00%	5.00%			
3. Publication of Philippine Coast Pilot (PCP) Book	Coast Pilot published	6.66%	6.66%			
4. Delineation of municipal waters (MW)	100% of LGUs assisted	16.66%	16.66%			
		(100% of LGUs)	100% (11) LGUs			
4. Physical Oceanographic Surveys		10.27	10.27	100		
1. Maintenance of tide stations - Annual inspection and releveling	50 stations inspected and releveled	-	-			
2. Acquisition of physical oceanographic data						
2.1 Operation of tide stations						
- Sea level measurements	50 stations sea level measured	8.34%	8.34%			
		(50 stations)	(50 stations)			
- Downloading of tidal data	50 stations per month	6.66%	6.66%			
		(50 stations)	(50 stations)			
- Temperature, density, & salinity measurements	50 stations per month	1.66%	1.66%			
		(50 stations)	(50 stations)			

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(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	15.00% (100% of d-loaded/retrieved 1.66% (100% submitted mos datasets)	15.00% (100% of d-loaded/retrieved 1.66% (100% submitted mos 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	10.00% (100% of d-loaded/retrieved 6.66% (100% of d-loaded/retrieved	10.00% (100% of d-loaded/retrieved 6.66% (100% of d-loaded/retrieved			
4.2 Preparation of Tide and Current Tables (TCTs) - Tide and Current Prediction manuscript - Quality Control - Printing	1 manuscript 1 manuscript 2,000 copies	- - -	- - -			
4.3 Provision of tidal information - Updating of tidal information on nautical charts - Provision and certification of oceanographic information	40 Nautical charts As per request	- 6.66% (6 clients)	- 6.66% (6 clients)			
Program: Mapping and Geodesy						
1. Large-scale Base Mapping		10.98	10.98	100		
a. Production of New-Series Large-Scale topographic base maps at 1:4,000 scale	360 mapsheets	20% (1 TOR & Bidding docs.)	20% (1 TOR & Bidding docs.)			
b. Unified Mapping b.1 Feature extraction for production of large-scale 1:10,000 topographic maps	1,500 mapsheets	-	-			

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
b.2 Quality assessment of outsourced line maps	1,800 mapsheets	3.40% (180 map sheets)	3.40% (180 map sheets)			
b.3 Large-scale (1:10,000) topographic database management and cartographic enhancement						
a. Topographic databasing	130 mapsheets	3.70% (24 map sheets)	3.70% (24 map sheets)			
b. Cartographic enhancement	55 mapsheets	1.25%	1.25%			
2. Medium and Small Scale Mapping		12.61	12.21	96.83		
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	9.80%	9.80%		Awarding of contract was not undertaken due to unapproved GAA .	
1.b Contract Out (Feature extraction w/o enhancement)	45 mapsheets	28.47%	25.00%			
2. Topographic database mapping	66 mapsheets	14.43%	14.43%			
B. Small Scale Mapping (1:250,000)	5 mapsheets	8.33%	8.33%			
3. Administrative Mapping		10.00	10.00	100		
1. Provincial maps	12 provincial maps; 1 regional map	10.00%	10.00%			
2. Special Mapping	Cities Road Atlas of Luzon Islands	10.00%	10.00%			
4. Map Printing and Reproduction		7.40	7.40	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)	7.40%	7.40%			

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
5. Modernization of the Philippine Geodetic Reference System (PGRS)		25.20	25.20	100		
1. Establishment of AGS	6 AGS	2.00%	2.00%			
2. AGS Site selection	7 sites	2.00%	2.00%			
3. Maintenance of AGS	42 AGS	1.80%	1.80%			
4. GCP re-observation	1,067 GCPs	2.00%	2.00%			
5. Development of PGD 2020	1 training	10.00%	10.00%			
6. IEC	1 IEC	2.00%	2.00%			
7. Validation of Philippine Geoid Model	50 BMs	1.50%	1.50%			
8. Releveling of BMs	748 kms	2.00%	2.00%			
9. Densification of gravity stations	2,000 GS	1.90%	1.90%			
10. Uploading to NGIMS of Geodetic Reference datasets	6 AGS/1067 GCPs	2.00%	2.00%			
Program: Resource Assessment and Mapping						
1. Forestland Evaluation and Mapping		16.00	16.00	100		
1. Land Classification of Unclassified Public Forest	3 Proposed LC maps	16.00%	16.00%			
2. Land Cover Mapping		8.34	8.34	100		
	18 provinces	8.34%	8.34%			

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3. Coastal Resource Mapping and Assessment		6.86	6.86	100		
	14 provinces	6.86%	6.86%			
4. ENR Data Integration (Geospatial Data Integration)		11.00	11.00	100		
	10 provinces	11.00%	11.00%			
5. Quadrant Mapping in Preparation for Massive Earthquake (Big One) in Metro Manila		21.00	21.00	100		
	5,775 maps	21.00%	21.00%			
Program: Geospatial Information System Management						
1. Information Systems Development & Maintenance		17.75	17.75	100		
1. Application Development	5 Program Source Codes	16.25%	16.25%			
2. System Implementation	5 Users Manual	(3 programs)	(3 programs)			
3. System Maintenance	20 Systems Monitoring Report	-	-			
4. Updating of NAMRIA Website	Updated contents of website	1.50%	1.50%			
2. Geospatial Database Development & Maintenance		7.50	7.50	100		
1. Database Buildup/Maintenance	5 Database	5.00%	5.00%			
2. Database maintenance		(5 database)	(5 database)			
3. Database design	3 Database design document	1.00%	1.00%			
		(Dbase backup;backup log)	(Dbase backup;backup log)			
3. LGU GIS Capability Assessment		1.50%	1.50%			
- LGU Capability Assessment Survey	Assessment Survey	(3 database)	(3 database)			
4. Technical support		-	-			
- GIS Training	GIS Training Report	-	-			

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3. Geospatial Information Services and Production of NAMRIA Information, Education, and Communication Materials		14.60	14.60	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 1 NAMRIA AVP Profile	2.00% - (100% events covered)	2.00% - 100% (5) Newscoop)			
2. Information dissemination and documentation	4 IEC 6 map and technology exhibits 100% requests for photo and video documentation	2.60% - (1 exhibit) (100% requests acted)	2.60% - (1 exhibit) 100% (38 photo and 1 video documentation)			
3. Geomatics Training	100% regular/special/MOA-based training programs conducted 1 PRC Accreditation 2018 NGTC Training Report	3.50% (100% trainings condtd)	3.50% 100% (6) trainings)			
4. Client Services	100% clients served 7 Reports 12 Monthly Sales Report 5 MSO Inventory Report	6.50% (100% clients served) (3 Reports) (2 Monthly Sales Report)	6.50% 100% (1,760) clients) (3 Reports) (2 Monthly Sales Report)			
4. Information and Communications Technology Resource Management		14.18	14.18	100		
1. Maintenance of computer system	100% of computer system maintained semestrally At least 95% operational in a month	6.68% (=>95% operational)	6.68% (99.99% operational)			
2. Network/Data center maintenance and administration	1 Network system operational at a minimum of 95% monthly	6.66% (=>95% operational)	6.66% (99.95% operational)			

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
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	- 0.84%	- 0.84%			
LOCALLY-FUNDED						
NAMRIA Geospatial Data Infrastructure		11.50	11.50	100		
1. System Analysis	1 Client Requirement Assessment Report	8.00%	8.00%			
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)					
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	3.50%	3.50%			
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		16.66%	16.66%			

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