

National Mapping and Resource Information Authority

Physical Performance Report

As of May 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 Third Quarter, FY 2019
	FY 2019 (Annual)	May 1-31 (Second Quarter)	As of May 31, 2019			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
1. Hydrographic Surveys		40.26	29.80	74.02		
1. Exclusive Economic Zone (West Philippine Sea/Philippine Rise)	4,000 sq km	80.00% (3,556 sq km)	61.20% (2,720 sq km)		Deployment of the survey team was undertaken on 12 May 2019 due to delay in completion of repairs of airconditioning system.	On-going survey and it will be finished by end of June if no weather disturbances.
2. Archipelagic Waters/Sealanes (Bohol Sea)	5,000 sq km					
3. Ports and Harbors	8 Ports and Harbors	50.31% (6 Ports)	37.82% (5 Ports)		Deployment of the survey team was undertaken on 12 May 2019 due to delay in completion of repairs of airconditioning system; and delayed drydocking of BRPH Palma.	Field survey team was deployed ahead of schedule for four (4) P&H to compensate for the non-execution of two (2) P&H (Kota Island and Likas Island).
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)	40.00%	19.00%		BRPH Ventura: Repair of controllable pitch propeller on short of awarding status. Delivery term is maximum of 3-months after issuance of Notice to Proceed (NTP). BRPH Palma: Portside generator not operational. Awaiting installation of calibrated injection pump of portside generator. BRPH Hizon: Main engines not operational. Contractor requested for extension due to unforeseen problem in the camshaft.	Constantly follow-up/maintain communication with the contractor after issuance of NTP to facilitate delivery ahead of deadline. Constant communication with contractor to facilitate repair. Constant communication with contractor to facilitate repair.
5. Maintenance and Operation of Magnetic Observatory						
- Available geomagnetic information	7,310 hourly values per year	40.00% (2,924 hourly values)	45.96% (3,360 hourly values)			
- Magnetic Observation of Repeat Stations	18 magnetic force from magnetic repeat stations (MRS)	22.00% (4 MRS)	33.00% (6 MRS)			

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
2. Nautical Charting		32.19	32.19	100		
1. Data compilation and/or enhancement of nautical charts	8 Harbor charts	53.13% (5 charts)	53.13% (5 charts)			
	2 Approach charts	93.00% (2 charts)	93.00% (2 charts)			
	13 Coastal charts	42.07% (8 charts)	44.00% (8 charts)			
	1 EEZ Chart					
	2 General Charts	43.00% (1 chart)	43.00% (1 chart)			
	15 Master Charts	41.06% (7 charts)	41.06% (7 charts)			
2. Data compilation and Update of Electronic Navigational Charts (ENC)	10 ENCs compiled and updated	41.00% (6 charts)	45.00% (6 charts)			
3. Manual correction of printed nautical charts	2,000 charts	42.34% (928 charts)	43.50% (1,000 charts)			
4. Reproduction of nautical publication						
3. Maritime Publications and Support Services		33.27	33.27	100		
1. Publication of Philippine Notices to Mariners (NTM) and Navigational Warnings	100% NW emailed to NAVAREA XI Coordinator 12 NTMs emailed to clients	41.40% (100%) NW/5 NTMs	41.40% (100%) NW/5 NTMs			
2. Publication of Philippine List of Lights (PLL)	2020 Edition of PLL published	24.50%	24.50%			
3. Publication of Philippine Coast Pilot (PCP) Book	Coast Pilot published	25.50%	25.50%			
4. Delineation of municipal waters (MW)	100% of LGUs assisted	41.60% (100% of LGUs)	41.60% (100% (33 LGUs)			

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
4. Physical Oceanographic Surveys		22.90	22.90	100		
1. Maintenance of tide stations - Annual inspection and releveling	50 stations inspected and releveled	12.50% (25 stations)	12.50% (25 stations)			
2. Acquisition of physical oceanographic data						
2.1 Operation of tide stations						
- Sea level measurements	50 stations sea level measured	5.20% (50 stations)	5.20% (50 stations)			
- Downloading of tidal data	50 stations per month	4.15% (50 stations)	4.15% (50 stations)			
- Temperature, density, & salinity measurements	50 stations per month	1.05% (50 stations)	1.05% (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	-	10.00%			
- Quality Control	1 manuscript					
- Printing	2,000 copies					

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
4.3 Provision of tidal information - Updating of tidal information on nautical charts - Provision and and certification of oceanographic information	40 Nautical charts 95% acted upon request					
Program: Mapping and Geodesy						
1. Large-scale Base Mapping		32.68	32.68	100		
a. Production of New-Series Large-Scale topographic base maps at 1:4,000 scale	360 mapsheets	25% (Ongoing monitoring of contractor's progress)	25% (Ongoing monitoring of contractor's progress)			
b. Unified Mapping						
b.1 Feature extraction for production of large-scale 1:10,000 topographic maps	1,500 mapsheets	50.00% (Ongoing monitoring of contractor's progress)	50.00% (Ongoing monitoring of contractor's progress)			
b.2 Quality assessment of outsourced line maps	1,800 mapsheets	34.00% (720 map sheets)	34.00% (720 map sheets)			
b.3 Large-scale (1:10,000) topographic database management and cartographic enhancement						
a. Topographic databasing	130 mapsheets	46.25%	46.25%			
b. Cartographic enhancement	55 mapsheets	37.50%	37.50%			
2. Medium and Small Scale Mapping		39.87	39.87	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	37.56%	37.56%			
1.b Contract Out (Feature extraction w/o enhancement)		53.06%	53.06%			
2. Topographic database mapping	66 mapsheets	42.50%	42.50%			
B. Small Scale Mapping (1:250,000)	5 mapsheets	35.12%	35.12%			

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
3. Administrative Mapping		51.14	49.94	97.65		
1. Provincial maps	12 provincial maps; 1 regional map	55.85%	54.14%		For final application of correction on digital maps file.	Immediately submit the file to Reproduction and Printing Division (RPD) once correction is completed.
2. Special Mapping	Cities Road Atlas of Luzon Islands	40.14%	47.00%			
4. Map Printing and Reproduction		28.98	28.98	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)	28.98% (34 mapsheets)	28.98% (34 mapsheets) (Centennial Calendar)			
5. Modernization of the Philippine Geodetic Reference System (PGRS)		48.20	48.20	100		
1. Establishment of AGS	6 AGS	2.00%	2.00%			
2. AGS Site selection	7 sites	8.50%	8.50%			
3. Maintenance of AGS	42 AGS	4.50%	4.50%			
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	8.00%	8.00%			
7. Validation of Philippine Geoid Model	50 BMs	6.60%	6.60%			
8. Releveling of BMs	748 kms	2.00%	2.00%			
9. Densification of gravity stations	2,000 GS	4.60%	4.60%			
10. Uploading to NGIMS of Geodetic Reference datasets	6 AGS/1067 GCPs	8.00% (1 Session)	8.00% (1 Session)			
		6.60% (30 PGM)	6.60% (30 PGM)			
		2.00%	2.00%			
		4.60% (800 GS)	4.60% (800 GS)			

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Program: Resource Assessment and Mapping						
1. Forestland Evaluation and Mapping		44.33	44.33	100		
1. Land Classification of Unclassified Public Forest	3 Proposed LC maps	44.33% (1 LC map)	44.33% (1 LC map)			
2. Land Cover Mapping		20.02	20.02	100		
	18 provinces	20.02%	20.02%			
3. Coastal Resource Mapping and Assessment		37.27	37.27	100		
	14 provinces	37.27%	37.27%			
4. ENR Data Integration (Geospatial Data Integration)		41.30	41.30	100		
	10 provinces	41.30% (4 provinces)	41.30% (4 provinces)			
5. Quadrant Mapping in Preparation for Massive Earthquake (Big One) in Metro Manila		53.00	53.00	100		
	5,775 maps	53.00% (750 mapsheets)	53.00% (750 mapsheets)			
Program: Geospatial Information System Management						
1. Information Systems Development & Maintenance		40.00	40.00	100		
1. Application Development	5 Program Source Codes	36.25% (3 programs)	36.25% (3 programs)			
2. System Implementation	5 Users Manual					
3. System Maintenance	21 Systems Monitoring Report					
4. Updating of NAMRIA Website	Updated contents of website	3.75%	3.75%			

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
2. Geospatial Database Development & Maintenance		30.50	30.50	100		
1. Database Buildup/Maintenance	5 Database	12.50% (5 database)	12.50% (5 database)			
2. Database maintenance		4.00% (Dbase backup;backup log)	4.00% (Dbase backup;backup log)			
3. Database design	3 Database design document	11.50% (3 database)	11.50% (3 database)			
3. LGU GIS Capability Assessment - LGU Capability Assessment Survey	Assessment Survey					
4. Technical support - GIS Training	GIS Training Report	2.50%	2.50%			
3. Geospatial Information Services and Production of NAMRIA Information, Education, and Communication Materials		43.65	43.65	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	9.75% (2 IEC materials) (100% events covered)	9.75% (2 IEC materials) 100% (14) Newscoop)			
2. Information dissemination and documentation	4 IEC 6 map and technology exhibits 100% requests for photo and video documentation	8.60% (1 IEC) (3 exhibits) (100% requests acted)	8.60% (1 IEC) (4 exhibits) 100% (85 photo and 20 video documentation)			
3. Geomatics Training	100% regular/special/MOA-based training programs conducted 1 PRC Accreditation 2018 NGTC Training Report	12.75% (100% trainings condtd) (1 PRC Accreditation) (1 Report)	12.75% 100% (18) trainings) (1 PRC Accreditation) (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	12.55% (100% clients served) (4 Reports) (5 Monthly Sales Reports) (3 MSO Inv. Reports)	12.55% 100% (3,777) clients (4 Reports) (5 Monthly Sales Reports) (5 MSO Inv. Reports)			
4. Information and Communications Technology Resource Management		40.45	40.45	100		
1. Maintenance of computer system	100% of computer system maintained semestrally At least 95% operational in a month	20.45% (656 computer systems) (=>95% operational)	20.45% (656 computer systems) (99.99% operational)			
2. Network/Data center maintenance and administration	1 Network system operational at a minimum of 95% monthly	16.65% (=>95% operational)	13.32% (99.95% 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	1.25% 2.10%	1.25% 2.10%			
LOCALLY-FUNDED						
NAMRIA Geospatial Data Infrastructure		29.75	29.75	100		
1. System Analysis	1 Client Requirement Assessment Report	16.00% (Final CRAR; Final SRAR)	16.00% (Final CRAR; Final SRAR)			
2. System Design	1 System design document	5.00% (Draft SDD)	5.00% (Draft SDD)			
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					

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6. Database Maintenance	1 database maintained	8.75% (LNL; DI)	8.75% (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		41.65%	41.65%			

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