

National Mapping and Resource Information Authority
Physical Performance Report
As of April 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 Third Quarter, FY 2019
	FY 2019 (Annual)	April 1-30 (Second Quarter)	As of April 30, 2019			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
1. Hydrographic Surveys		21.20	12.62	59.53		
1. Exclusive Economic Zone (West Philippine Sea/Philippine Rise)	4,000 sq km	40.00%	-		Planned deployment failed to push through due to: 1. Delay in completion of repairs of airconditioning system. 2. Auxiliary Pump repair kit needed for repair of Generator No. 1 was only delivered on 24 April. 3. Unavailability of Automotive Diesel Oil (ADO) due to delay in procurement brought about by delayed approval of 2019 GAA.	To deploy the vessel on the 1st week of May 2019, once all needed repairs are done and the ADO is delivered. Once deployed, deep water surveys (of EEZ) will be executed to take advantage of the calm summer weather. If there are no other unforeseen hindrances, surveys will be completed by the first week of June, 2019.
2. Archipelagic Waters/Sealanes (Bohol Sea)	5,000 sq km					
3. Ports and Harbors	8 Ports and Harbors	15.50% (3 Ports)	27.58% (3 Ports)			
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)	30.00%	15.00%		BRPH Presbitero: Repair of generator 1 on-going. P.O. for Auxiliary pump kit issued on 11 March 2019 and delivery term is 45 days from receipt of P.O. Ship's engine crew has the expertise to install the pump as soon as it is received. Repair kit was delivered only on 24 April, by 26 April operational test will be conducted most likely the generator will be repaired on the same date. Delayed completion of repair works on airconditioning system. Approved extension to 15 March 2019 from 12 February 2019 delivery date has already lapsed. No further extension was approved by the Administrator. Liquidated damages for every day of delay started on 16 March 2019. Repairs are expected to be completed by the end of April. Operational tests are on-going. 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).	- To strictly monitor completion of repairs through constant follow-up of concerned party, and to ensure that all repairs are completed by the end of April. - To deploy survey vessel on the first week of May once all repair works are completed. - Constantly follow-up/maintain communication with the contractor after issuance of NTP to facilitate delivery ahead of deadline.

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
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)	30.00% (2,193 hourly values) 11.00% (2 MRS)	35.13% (2,568 hourly values) 33.00% (6 MRS)			
2. Nautical Charting		25.18	25.18	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	50.00% (4 charts) 85.00% (2 charts) 33.84% (5 charts) 35.00% (1 chart) 34.66% (7 charts)	50.00% (4 charts) 85.00% (2 charts) 35.77% (5 charts) 35.00% (1 chart) 34.66% (7 charts)			
2. Data compilation and Update of Electronic Navigational Charts (ENC)	10 ENCs compiled and updated	27.60% (4 charts)	27.60% (4 charts)			
3. Manual correction of printed nautical charts	2,000 charts	33.34% (728 charts)	33.34% (800 charts)			
4. Reproduction of nautical publication						
3. Maritime Publications and Support Services		25.89	25.89	100		
1. Publication of Philippine Notices to Mariners (NTM) and Navigational Warnings	100% NW emailed to NAVAREA XI Coordinator 12 NTMs emailed to clients	33.00% (100%) NW/4 NTMs	33.00% (100%) NW/4 NTMs			

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
2. Publication of Philippine List of Lights (PLL)	2020 Edition of PLL published.	18.00%	18.00%			
3. Publication of Philippine Coast Pilot (PCP) Book	Coast Pilot published	19.20%	19.20%			
4. Delineation of municipal waters (MW)	100% of LGUs assisted	33.28% (100% of LGUs)	33.28% (100% (27 LGUs))			
4. Physical Oceanographic Surveys		18.32	18.32	100		
1. Maintenance of tide stations - Annual inspection and releveling	50 stations inspected and relevelled	10.00% (20 stations)	10.00% (20 stations)			
2. Acquisition of physical oceanographic data 2.1 Operation of tide stations - Sea level measurements	50 stations sea level measured	4.16% (50 stations)	4.16% (50 stations)			
- Downloading of tidal data	50 stations per month	3.32% (50 stations)	3.32% (50 stations)			
- Temperature, density, & salinity measurements	50 stations per month	0.84% (50 stations)	0.84% (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					

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	(1)	(2)	(3)	(4)		
- 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					
Program: Mapping and Geodesy						
1. Large-scale Base Mapping		28.93	28.93	100		
a. Production of New-Series Large-Scale topographic base maps at 1:4,000 scale	360 mapsheets	25% (Contract Awarded and Notice to Proceed issued)	25% (Contract Awarded and Notice to Proceed issued)			
b. Unified Mapping						
b.1 Feature extraction for production of large-scale 1:10,000 topographic maps	1,500 mapsheets	10.00% (Contract Awarded and Notice to Proceed issued)	10.00% (Contract Awarded and Notice to Proceed issued)			
b.2 Quality assessment of outsourced line maps	1,800 mapsheets	25.50% (540 map sheets)	25.50% (540 map sheets)			
b.3 Large-scale (1:10,000) topographic database management and cartographic enhancement						
a. Topographic databasing	130 mapsheets	37.00%	37.00%			
b. Cartographic enhancement	55 mapsheets	26.25%	26.25%			

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	(1)	(2)	(3)	(4)		
2. Medium and Small Scale Mapping			29.05	27.97	96.28	
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	25.62%	25.62%		Awarding of contract and Notice to Proceed has just been signed since 2019 GAA has been approved.	
1.b Contract Out (Feature extraction w/o enhancement)		44.86%	35.43%			
2. Topographic database mapping	66 mapsheets	33.15%	33.15%			
B. Small Scale Mapping (1:250,000)	5 mapsheets	23.81%	23.81%			
3. Administrative Mapping			38.43	37.43	97.40	
1. Provincial maps	12 provincial maps; 1 regional map	43.57%	42.14%		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	26.43%	30.00%			
4. Map Printing and Reproduction			20.04	20.04	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)	20.04%	21.00% (Centennial Calendar)			
5. Modernization of the Philippine Geodetic Reference System (PGRS)			42.54	36.54	85.90	
1. Establishment of AGS	6 AGS	2.00%	2.00%			
2. AGS Site selection	7 sites	6.34% (4 sites)	6.34% (4 sites)			
3. Maintenance of AGS	42 AGS	3.60% (16 AGS)	3.60% (16 AGS)			
4. GCP re-observation	1,067 GCPs	2.00%	2.00%			

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5. Development of PGD 2020	1 training	10.00% (1 training)	10.00% (1 training)		Regional IEC was rescheduled in May 2019 due to unavailability of DENR participants.		
6. IEC	1 IEC	8.00% (1 Session)	2.00%				
7. Validation of Philippine Geoid Model	50 BMs	4.90% (20 PGM)	4.90% (20 PGM)				
8. Releveling of BMs	748 kms	2.00%	2.00%				
9. Densification of gravity stations	2,000 GS	3.70% (600 GS)	3.70% (600 GS)				
10. Uploading to NGIMS of Geodetic Reference datasets	6 AGS/1067 GCPs						
Program: Resource Assessment and Mapping							
1. Forestland Evaluation and Mapping		39.00	39.00	100			
1. Land Classification of Unclassified Public Forest	3 Proposed LC maps	39.00%	39.00%				
2. Land Cover Mapping		16.68	16.68	100			
	18 provinces	16.68%	16.68%				
3. Coastal Resource Mapping and Assessment		28.26	28.26	100			
	14 provinces	28.26%	28.26%				
4. ENR Data Integration (Geospatial Data Integration)		34.90	34.90	100			
	10 provinces	34.90% (2 provinces)	34.90% (2 provinces)				

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5. Quadrant Mapping in Preparation for Massive Earthquake (Big One) in Metro Manila		48.00	48.00	100		
	5,775 maps	48.00%	48.00%			
Program: Geospatial Information System Management						
1. Information Systems Development & Maintenance		35.50	35.50	100		
1. Application Development	5 Program Source Codes	32.50% (3 programs)	32.50% (3 programs)			
2. System Implementation	5 Users Manual	-	-			
3. System Maintenance	21 Systems Monitoring Report	-	-			
4. Updating of NAMRIA Website	Updated contents of website	3.00%	3.00%			
2. Geospatial Database Development & Maintenance		17.00	17.00	100		
1. Database Buildup/Maintenance	5 Database	10.00% (5 database)	10.00% (5 database)			
2. Database maintenance		3.00% (Dbase backup;backup log)	3.00% (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	2.50%	2.50%			
3. Geospatial Information Services and Production of NAMRIA Information, Education, and Communication Materials		37.85	36.25	95.77		
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	8.75% (2 IEC materials) (100% events covered)	8.75% (2 IEC materials) 100% (11) Newscoop)			

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2. Information dissemination and documentation	1 NAMRIA AVP Profile	-	-		Regional IEC was rescheduled in May 2019 due to unavailability of DENR participants.	
	4 IEC	7.40%	5.80%			
	6 map and technology exhibits	(1 IEC)	-			
	100% requests for photo and video documentation	(2 exhibit)	(3 exhibits)			
3. Geomatics Training		(100% requests acted)	100% (77 photo and 17 video documentation)			
	100% regular/special/MOA-based training programs conducted	11.00%	11.00%			
	1 PRC Accreditation	(100% trainings condtd)	100% (15) trainings)			
	2018 NGTC Training Report	(1 PRC Accreditation)	(1 PRC Accreditation)			
4. Client Services		(1 Report)	(1 Report)			
	100% clients served	10.70%	10.70%			
	7 Reports	(100% clients served)	100% (3,287) clients)			
	12 Monthly Sales Report	(4 Reports)	(4 Reports)			
	5 MSO Inventory Report	(4 Monthly Sales Reports)	(4 Monthly Sales Reports)			
		(2 MSO Inv. Reports)	(2 MSO Inv. Reports)			
4. Information and Communications Technology Resource Management		32.11	32.11	100		
1. Maintenance of computer system	100% of computer system maintained semestrally	15.86%	15.86%			
	At least 95% operational in a month	(492 computer systems)	(492 computer systems)			
2. Network/Data center maintenance and administration	1 Network system operational at a minimum of 95% monthly	(=>95% operational)	(99.99% operational)			
3. ICT Research and Analysis		13.32%	13.32%			
- Technology case study for NAMRIA deployment and utilization	1 Case Study	(=>95% operational)	(99.96% operational)			
- ICT Resource Management Information System (ICTRM IS) Maintenance		1.25%	1.25%			
	1 ICTRM IS	1.68%	1.68%			

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LOCALLY-FUNDED						
NAMRIA Geospatial Data Infrastructure		23.00	23.00	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					
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	7.00%	7.00%			
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		33.32%	33.32%			

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