

National Mapping and Resource Information Authority
Physical Performance Report
As of May 31, 2020

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 2020
	FY 2020 (Annual)	May 1-31 (Second Quarter)	As of May 31, 2020			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
1. Hydrographic Surveys		67.64	21.05	31.12		
1. Exclusive Economic Zone	4,000 sq km (4,800 km sounding lines) (West Philippine Sea/Philippine Rise)	95.00% (4,000 sq km)	0.00%		Impeded hydrographic works due to the implementation of Enhanced Community Quarantine (ECQ) (Memorandum from the Executive Secretary dtd 16 March 2020).	Reschedule hydrographic works as soon as ECQ is lifted.
2. Archipelagic Waters/Sealanes	5,000 sq km (5,200 km sounding lines) (Vicinity of Panay Gulf/Mindoro)	95.00% (5,000 sq km)	0.00%		-do-	- do -
3. Ports and Harbors	3 Islands and 5 Ports	30.08% (3 Islands; 1 Port)	2.23% (1 Island)		Fieldwork was suspended due to ECQ, restricting travels via air, sea and land. , although on 5 March a field survey was deployed and only a small percentage of work was accomplished.	- do -
4. Quality Control of Bathymetric Data	10 Bathymetric Data	90.00% (9 bathymetric data)	70.00% (7 bathymetric data)		Slippage was due to the implementation of ECQ	
5. Maintenance and operation of survey vessels	4 survey vessels; 2 motor launches; 11 survey skiffs (3 Multi beam echo sounder (MBES); 8 Single beam echo sounder (SBES)	40.00%	25.00%		Ventura: Completed the repair of Seawater Pump. Awaiting supply of engine oil before sea trial. (Not yet sea worthy). Presbitero: On-going drydocking.	
6. Maintenance and Operation of Magnetic Observatory						
- Continuous geomagnetic data acquisition	7,320 hourly values per year	16.00% (2,928 hourly values)	16.00% (2,928 hourly values)		Field survey team was deployed last 05 March 2020, however, survey activities were halted due to the ECQ implementation. Only a small percentage of work was accomplished.	Reschedule field survey activity as soon as ECQ is lifted.
- Magnetic Repeat Stations (MRS)	9 sets of magnetic information from MRS survey	35.56% (8 MRS)	8.89% (2 MRS)			
- Absolute magnetic observation at magnetic observatory	120 absolute information per year	4.20% (50 abs magnetic obsn)	4.20% (50 abs magnetic obsn)			
- Isogonic chart publication	1 printed Isogonic Chart					

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2. Nautical Charting		32.86	21.69	66.01		
1. Data compilation and/or enhancement of nautical charts	8 Harbor charts	50.00% (7 charts)	23.75% (3 charts)		Slippage was due to the implementation of ECQ	
	2 Approach charts	25.00% (2 charts)	0.00%			
	13 Coastal charts	42.69% (7 charts)	22.92% (6 charts)			
	1 EEZ Chart					
	2 General Charts	43.00% (1 chart)	27.00% (1 chart)			
	15 Master Charts	45.87% (8 charts)	28.80% (8 charts)			
2. Data compilation and Update of Electronic Navigational Charts (ENC)	10 ENCs compiled and updated	53.00% (6 charts)	45.00% (5 charts)			
3. Manual correction of printed nautical charts	2,000 charts	44.00% (1,000 charts)	24.67% (600 charts)			
4. Reproduction of nautical publications	6,000 nautical charts 2,000 copies (2021 TCTs)					
3. Maritime Publications and Support Services		39.35	37.85	96.19		
1. Publication of Navigational Warnings (NW) or Notices to Mariners (NTM)	NW emailed to NAVAREA XI Coordinator 12 NTMs emailed to clients	41.40% (NW/5 NTMs)	41.40% 100% (87) NW/(5) NTMs)		Technical descriptions on four (4) LGUs were not produced due to ECQ.	The section has requested computers for staff working from home.
2. Publication of Philippine List of Lights (PLL)	2021 Edition of PLL published	24.50%	24.50%			
3. Publication of Philippine Coast Pilot (PCP) Book	Vol. II 7th Edition published	50.00%	50.00%			
4. Delineation of municipal waters (MW)	100% coastal LGUs, NGAs provided technical assistance	41.50% (100% of LGUs, NGAs)	35.50% (100% (32 LGUs, NGAs)			

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4. Physical Oceanographic Surveys		25.41	11.55	45.45		
1. Maintenance of tide stations - Annual inspection and releveled	50 stations inspected and releveled	12.10% (26 stations)	3.26% (7 stations)		Fieldwork was suspended due to ECQ, restricting travels via air, sea and land.	Reschedule fieldwork activities as soon as ECQ has been lifted.
2. Acquisition of physical oceanographic data						
2.1 Operation of tide stations (Sea level measurements, downloading of tidal data, and temperature, density & salinity measurements)	49 stations	8.31% (49 stations)	8.29% (48 stations)		Operation of Mariveles Tide Station was temporarily suspended due to port development. Calapan tide station was not operational due to problem in instruments.	Operation will resume once the development of the port is completed. Repair will be done as soon as tide gauge will be available.
2.2 Establishment of new tide stations	4 stations	5.00% (4 stations)	-		Fieldwork was suspended due to ECQ, restricting travels via air, sea and land.	Reschedule fieldwork activities as soon as ECQ has been lifted.
3. Data processing, analysis & prediction						
3.1 Processing of physical oceanographic data						
4. Oceanographic data management						
4.1 Updating and maintenance of NODC						
4.2 Preparation of Tide and Current Tables (TCTs)						
- Tide & 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	41 Nautical charts		(11 nautical charts)			
- Provision and and certification of oceanographic information	100% of requests acted upon		(21 clients)			

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Program: Mapping and Geodesy						
1. Large-scale Mapping		29.92	25.52	85.29		
a. Production of New-Series Large-Scale topographic base maps at 1:4,000 scale	360 mapsheets	25.00% (TOR & Bidding docs)	25.00% (TOR & Bidding docs)			
b. Unified Mapping						
b.1 Feature extraction for production of updated large-scale 1:10,000 topographic maps	1,800 mapsheets	60.00%	56.50%		Procurement process was completed and Notice to Proceed were issued to Contractors.	Alternative work arrangements due to ECQ.
b.2 Quality assessment of 2019 outsourced line maps	1,200 mapsheets	25.50%	16.50%		Fieldwork was suspended due to ECQ, restricting travels via air, sea and land.	
b.3 Large-scale (1:10,000) topographic database management and cartographic enhancement						
a. Topographic databasing	106 mapsheets	18.50% (48 map sheets)	13.12% (36 map sheets)		Due to ECQ, only 30% are on skeloton workforce, limited outputs from work from home due to lack of workstation to work with at home.	
b. Cartographic enhancement	45 mapsheets	13.12%	1.92%			
2. Medium and Small Scale Mapping		42.19	19.55	46.34		
A. Medium scale mapping (1:50,000)						
A.1 In-house (Feature extraction evaluation of vector data and cartographic enhancement)	45 mapsheets	41.20%	17.00%		Skeletal workforce started on 18th May with five (5) staff for the team.	
A.2 Contract Out (Feature extraction w/o enhancement)	45 mapsheets	53.72%	38.00%			
B. Small Scale Mapping (1:250,000)	5 maps	36.17%	11.50%		Skeletal workforce started on 18th May with one (1) staff for the team.	
3. Updating of the Philippine Gazetteer		36.54	16.18	44.28		
A. Topographic Database Mapping	45 mapsheets	38.77%	18.42%		Slippage was due to the implementation of ECQ	
B. Updating of the Philippine Gazetteer Project	1 Geographic Names Geospatial Database uploaded/encoded with 16 provinces	34.31%	13.93%		Slippage was due to the implementation of ECQ 30% skeletal workforce. Hiring of Job Order (JO) is suspended.	

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4. Administrative Mapping		44.50	22.00	49.44		
	12 maps (7 provincial; 5 regional)	32.00%	16.00%		Slippage was due to the implementation of ECQ Skeletal workforce started on 18th May 2020.	Work from home (WFH) for staff but needs computers or laptops with ArcGIS/AutoCad softwares.
5. Map Printing and Reproduction		28.98	11.10	38.30		
1. Printing and Re-printing of topographic, administrative maps & nautical charts	130 maps/charts printed Special Publications: (5,000 shts Centennial Calendar; 3,000 pamphlets 2021 Planner; 13,000 shts 2021 Calendar; 2,000 books 2021 Tide & Current Tables (TCTs)	28.98%	11.10%		Slippage was due to the implementation of ECQ	
6. Modernization of the Philippine Geodetic Reference System (PGRS)		58.88	33.84	57.47		
1. Establishment of AGS	4 AGS (Outsource)	2.00%	2.00%			
2. AGS Site selection	6 sites	10.00%	5.00%		No fieldwork due to the implementation of ECQ.	
3. Maintenance of AGS	52 AGS	4.50%	3.70%		Skeletal workforce started on 18th May 2020.	
4. GCP re-observation	363 GCPs (Outsource=228; In-house=135)	5.75%	4.00%		GCPs re-observation was not undertaken due to the implementation of ECQ.	Fieldwork scheduled in September and October 2020.
5. Development of PGD 2020 (Distortion Model)	1 Model	10.00%	2.00%		No activity due to the implementation of ECQ.	
6. IEC Campaign	1 Session	10.00%	3.00%		No activity due to the implementation of ECQ.	
7. Validation of Philippine Geoid Model	50 BMs	5.50%	5.50%		No fieldwork due to the implementation of ECQ.	
8. Releveling of BMs	500 kms (Outsource=450; In-house=50)	3.75%	2.75%		No fieldwork due to the implementation of ECQ.	
9. Densification of gravity stations and GCP maintenance	50 GS densified	2.50%	2.00%		No fieldwork due to the implementation of ECQ.	
	500 GCPs maintained	4.88%	3.89%		No fieldwork due to the implementation of ECQ.	
10. Uploading to NGIMS of Geodetic Reference datasets	4 AGS 363 GCPs					

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Program: Resource Assessment and Mapping						
1. Forestland Evaluation and Mapping (Revised)		20.43	20.43	100		
Land Classification of Unclassified Public Forest (UPF) areas	8 preliminary LC maps	20.43% (3 preliminary LC maps prep)	20.43% (3 preliminary LC maps prep)			
2. Land Cover Mapping		20.34	20.34	100		
	18 provinces	20.34% (18 provinces pre-processed) (6 provinces data analysed)	20.34% (18 provinces pre-processed) (6 provinces data analysed)			
3. Coastal Resource Mapping and Assessment		19.00	19.00			
	14 provinces	19.00% (10 provinces pre-processed) (1 province surveyed)	19.00% (10 provinces pre-processed) (1 province surveyed)			
4. ENR Data Integration (Geospatial Data Integration)		23.50	23.50	100		
	10 provinces	23.50% (7 provinces pre-processed) (3 provinces data gathered) (3 provinces data integrated)	23.50% (7 provinces pre-processed) (3 provinces data gathered) (3 provinces data integrated)			
5. Participatory Mapping of Existing Land Uses		20.00	20.00	100		
	5 provinces	20.00% (3 provinces data gathered) (3 provinces preliminary classified)	20.00% (3 provinces data gathered) (3 provinces preliminary classified)			

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Program: Geospatial Information System Management						
1. Information System Development & Maintenance		20.50	20.50	100		
1. System Analysis	4 Systems analysed	12.00% (4 systems)	12.00% (4 systems)			
2. System Design	4 Systems designed	6.00% (4 systems)	6.00% (4 systems)			
3. Application Development	4 Applications developed					
4. System Implementation	4 Systems implemented					
5. System Maintenance	25 Systems maintained	2.50% (1 system)	2.50% (1 system)			
2. Geospatial Database Development & Maintenance		38.65	38.65	100		
1. Database Buildup	2 Database buildup	12.50% (2 database)	12.50% (2 database)			
2. Database maintenance	1 Database maintained	4.15% (1 database)	4.15% (1 database)			
3. Database design	4 Database designed	12.00% (4 database)	12.00% (4 database)			
4. LGU GIS Capability Assessment - LGU Capability Assessment Survey	2 Assessment Survey Reports	10.00%	10.00%			
5. Technical support - GIS Training	2 GIS Training Reports					
3. Geospatial Information Services and Production of NAMRIA Information, Education, and Communication Materials		28.25	28.25	100		
1. Media Production and Packaging	3 NAMRIA IEC materials published 100% events covered through published NAMRIA Newscoop (NN)	4.75% (2 NAMRIA IEC material) (100% events covered)	4.75% (2 NAMRIA IEC material) 100% (8) Newscoop			

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2. Information dissemination and documentation	1 IEC campaign/webinar prepared/conducted 1 NAMRIA Virtual Tour Audio-visual presentation (AVP) prepared 100% tour of facilities requests served 1 map and technology exhibit 100% requests served for photo and video documentation	4.90% (100% request served) (1 exhibit) (100% requests acted)	4.90% (100% (6) request served) (1 exhibit) 100% (34) photo and (9) video documentation)			
3. Geomatics Training	100% regular/special/MOA-based training programs conducted 1 PRC Accreditation 2019 NGTC Training Report prepared	7.25% (100% trainings condtd) (1 Report)	7.25% 100% (4) trainings (1 Report)			
4. Client Services	100% clients served 6 Reports prepared 12 Monthly Sales Reports submitted 2019 MSO Sales Report submitted	11.35% (100% clients served) (3 Reports) (5 Monthly Sales Reports) (2019 MSO Sales Report)	11.35% 100% (2,060) clients (3 Reports) (5 Monthly Sales Reports) (2019 MSO Sales Report)			
4. Information and Communications Technology Resource Management		40.45	35.01	86.55		
1. Maintenance of computer system	1 Updated list of ICT equipment 100% of computer systems (619) maintained semestrally A minimum of 95% operational monthly	20.45% (619 computer systems) (=>95% operational)	15.01% (282 computer systems) (99.99% operational)			
2. Network/Datacenter Maintenance and Administration	1 Network system operational at a minimum of 95% monthly	16.65% (=>95% operational)	16.65% (99.91% operational)		Slippage was due to the implementation of ECQ	All preventive maintenance to be rescheduled in June 2020.

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3. ICT Research and Analysis - Technology case study for NAMRIA Deployment and Utilization - ICT Resource Management Information System (ICTRM IS) Maintenance	1 Case Study	1.25%	1.25%			
	1 ICTRM IS	2.10%	2.10%			
LOCALLY-FUNDED						
NAMRIA Geospatial Data Infrastructure		30.50	30.50	100		
1. System Analysis	1 System analyzed	12.00% (1 System)	12.00% (1 System)			
2. System Design	1 System designed	3.00% (1 System)	3.00% (1 System)			
3. Application Development	1 Application developed	5.00% (1 Application)	5.00% (1 Application)			
4. System Implementation	1 System implemented					
5. System Maintenance	5 System maintained					
6. Database Maintenance	2 database maintained	10.50% (2 Database)	10.50% (2 Database)			

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