

National Mapping and Resource Information Authority
Physical Performance Report
As of June 30, 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)	June 1-30 (Second Quarter)	As of June 30, 2020			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
1. Hydrographic Surveys		75.44	23.52	31.18		
1. Exclusive Economic Zone	4,000 sq km (4,800 km sounding lines) (West Philippine Sea/Philippine Rise)	100.00% (4,000 sq km)	0.00%		Impeded field 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)	100.00% (5,000 sq km)	0.00%		-do-	- do -
3. Ports and Harbors	3 Islands and 5 Ports	37.67% (3 Islands; 2 Ports)	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	100.00% (10 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)	50.00%	35.00%		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	20.00% (3,660 hourly values)	20.00% (3,660 hourly values)			
- Magnetic Repeat Stations (MRS)	9 sets of magnetic information from MRS survey	35.56% (8 MRS)	8.89% (2 MRS)		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.
- Absolute magnetic observation at magnetic observatory	120 absolute information per year	5.00% (60 abs magnetic obsn)	5.00% (60 abs magnetic obsn)			
- Isogonic chart publication	1 printed Isogonic Chart					

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)	
2. Nautical Charting		25.03	24.61	98.32			
1. Data compilation and/or enhancement of nautical charts	8 Harbor charts	28.13% (3 charts)	28.13% (3 charts)				
	2 Approach charts						
	13 Coastal charts	29.62% (6 charts)	29.62% (6 charts)				
	1 EEZ Chart						
	2 General Charts	35.00% (1 chart)	35.00% (1 chart)				
	15 Master Charts	28.00% (15 charts)	28.00% (15 charts)				
2. Data compilation and Update of Electronic Navigational Charts (ENC)	10 ENCs compiled and updated	50.00% (5 charts)	50.00% (5 charts)				
3. Manual correction of printed nautical charts	2,000 charts	30.00% (700 charts)	28.33% (600 charts)		The personnel assigned are immunocompromised. Furthermore, the latest mass printed nautical charts doesn't need any corrections. Slight difference in slippage will be addressed in the months to come.		
4. Reproduction of nautical publications	6,000 nautical charts 2,000 copies (2021 TCTs)						
3. Maritime Publications and Support Services		47.04	45.62	96.98			
1. Publication of Navigational Warnings (NW) or Notices to Mariners (NTM)	NW emailed to NAVAREA XI Coordinator 12 NTMs emailed to clients	50.00% (NW/6 NTMs)	50.00% 100% (94) NW/(6) NTMs)				
2. Publication of Philippine List of Lights (PLL)	2021 Edition of PLL published	31.00%	31.00%				
3. Publication of Philippine Coast Pilot (PCP) Book	Vol. II 7th Edition published	57.14%	57.14%				
4. Delineation of municipal waters (MW)	100% coastal LGUs, NGAs provided technical assistance	50.00% (100% of LGUs, NGAs)	44.33% (100% (34 LGUs, NGAs)		Technical descriptions on four (4) LGUs were not produced due to ECQ.	The section has requested computers for staff working from home.	

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4. Physical Oceanographic Surveys		39.38	21.67	55.03		
1. Maintenance of tide stations - Annual inspection and releveled	50 stations inspected and releveled	14.40% (30 stations)	3.26% (7 stations)		Fieldwork was suspended due to ECQ, restricting travels via air, sea and land.	Waiting for the approval of Revised Workplan.
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	9.98% (49 stations)	8.41% (45 stations)		Operation of Mariveles Tide Station was temporarily suspended due to port development. Calapan, Limay, San Jose and Bulan tide stations stopped operation due to problem on instruments.	Operation will resume once the development of the port is completed. Repairs will be done as soon as spare tide gauge will be available and respective LGUs GCQ protocols will allow.
2.2 Establishment of new tide stations	4 stations	5.00% (4 stations)	-		Establishment of new tide stations cancelled for this year due to technical issues.	Adjustments as per Revised Workplan has been made.
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 - Quality Control - Printing	1 manuscript 1 manuscript 2,000 copies	10.00% (1 Manuscript)	10.00% (1 Manuscript)			
4.3 Provision of tidal information - Updating of tidal information on nautical charts - Provision and and certification of oceanographic information	41 Nautical charts 100% of requests acted upon		(11 nautical charts) (21 clients)			

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Program: Mapping and Geodesy						
1. Large-scale Mapping		28.96	28.24	97.51		
a. Production of New-Series Large-Scale topographic base maps at 1:4,000 scale	360 mapsheets	25.00% (Contract awarded & Notice to Proceed (NTP) issued)	25.00% (Contract awarded & Notice to Proceed (NTP) issued)			
b. Unified Mapping						
b.1 Feature extraction for production of updated large-scale 1:10,000 topographic maps	1,800 mapsheets	50.00% (Contract awarded & NTP issued)	77.50% (Contract awarded & NTP issued)			
b.2 Quality assessment of 2019 outsourced line maps	1,200 mapsheets	30.00%	26.50%		Fieldwork was suspended due to ECQ, restricting travels via air, sea and land.	Adjustments as per Revised Workplan has been made.
b.3 Large-scale (1:10,000) topographic database management and cartographic enhancement						
a. Topographic databasing	106 mapsheets	34.65% (48 map sheets)	34.65% (48 map sheets)			
b. Cartographic enhancement	45 mapsheets	19.75%	19.75%			
2. Medium and Small Scale Mapping		29.84	29.84	100		
A. Medium scale mapping (1:50,000)						
A.1 In-house (Feature extraction evaluation of vector data and cartographic enhancement)	30 mapsheets	24.90%	24.90%			
A.2 Contract Out (Feature extraction w/o enhancement)	45 mapsheets	56.63%	56.63%			
B. Small Scale Mapping (1:250,000)	4 maps	20.19%	20.19%			
3. Updating of the Philippine Gazetteer		31.55	31.55	100		
A. Topographic Database Mapping	30 mapsheets	33.34%	33.34%			
B. Updating of the Philippine Gazetteer Project	1 Geographic Names Geospatial Database uploaded/encoded with 16 provinces	29.75%	29.75%			

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4. Administrative Mapping		35.00	35.00	100		
	12 draft maps (7 provincial; 5 regional)	35.00%	35.00%			
5. Map Printing and Reproduction		32.50	32.50	100		
1. Printing and Re-printing of topographic, administrative maps & nautical charts	80 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)	32.50% (17 maps/charts printed)	32.50% (17 maps/charts printed)			
6. Modernization of the Philippine Geodetic Reference System (PGRS)		38.65	36.25	93.79		
1. Establishment of AGS	4 AGS (Outsource)	4.00%	4.00%			
2. AGS Site selection	1 site	6.00%	6.00%			
3. Maintenance of AGS	52 AGS	6.00%	3.60%		Slippage due to the implementation of ECQ.	Adjustments as per Revised Workplan has been made.
4. GCP re-observation	228 GCPs (Outsource)	4.00%	4.00%			
5. Development of PGD 2020 (Distortion Model)	1 Model	2.00%	2.00%		Postponed due to COVID 19	Adjustments as per Revised Workplan has been made.
6. IEC Campaign	1 Session	3.00%	3.00%		Postponed due to COVID 19	Adjustments as per Revised Workplan has been made.
7. Validation of Philippine Geoid Model	50 BMs	5.50%	5.50%			
8. Releveling of BMs	500 kms (Outsource=450; In-house=50)	4.00%	4.00%			
9. Densification of gravity stations and GCP maintenance	50 GS densified	2.00%	2.00%			
	250 GCPs maintained	2.15%	2.15%			
10. Uploading to NGIMS of Geodetic Reference datasets	4 AGS					
	228 GCPs	(72 GCPs)	(72 GCPs)			

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Program: Resource Assessment and Mapping						
1. Forestland Evaluation and Mapping (Revised)		32.51	32.51	100		
Land Classification of Unclassified Public Forest (UPF) areas	8 preliminary LC maps	32.51% (4 preliminary LC maps prep (1 prelim LC map assessed)	32.51% (4 preliminary LC maps prep (1 prelim LC map assessed)			
2. Land Cover Mapping		31.34	31.34	100		
	18 provinces	31.34% (18 provinces pre-processed) (12 provinces data analysed) (3 provinces assessed)	31.34% (18 provinces pre-processed) (12 provinces data analysed) (3 provinces assessed)			
3. Coastal Resource Mapping and Assessment		32.50	32.50	100		
	14 provinces	32.50% (12 provinces pre-processed) (1 province surveyed) (3 provinces assessed)	32.50% (12 provinces pre-processed) (1 province surveyed) (3 provinces assessed)			
4. ENR Data Integration (Geospatial Data Integration)		32.10	32.10	100		
	10 provinces	32.10% (9 provinces pre-processed) (3 provinces data gathered) (3 provinces data integrated) (3 prov indexed & integrated)	32.10% (9 provinces pre-processed) (3 provinces data gathered) (3 provinces data integrated) (3 prov indexed & integrated)			
5. Participatory Mapping of Existing Land Uses		26.00	26.00	100		
	5 provinces	26.00% (3 provinces data gathered) (3 provinces preliminary classified)	26.00% (3 provinces data gathered) (3 provinces preliminary classified)			

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Program: Geospatial Information System Management						
1. Information System Development & Maintenance		37.50	37.50	100		
1. System Analysis	4 Systems analysed	12.00% (4 systems)	12.00% (4 systems)			
2. System Design	4 Systems designed	10.00% (4 systems)	10.00% (4 systems)			
3. Application Development	4 Applications developed					
4. System Implementation	4 Systems implemented					
5. System Maintenance	25 Systems maintained	15.50% (25 systems)	15.50% (25 systems)			
2. Geospatial Database Development & Maintenance		60.98	60.98	100		
1. Database Buildup	2 Database buildup	15.00% (2 databasc)	15.00% (2 database)			
2. Database maintenance	1 Database maintained	4.98% (1 database)	4.98% (1 database)			
3. Database design	4 Database designed	16.00% (4 database)	16.00% (4 database)			
4. LGU GIS Capability Assessment - LGU Capability Assessment Survey	2 Assessment Survey Reports	15.00% (1 Survey Report)	15.00% (1 Survey Report)			
5. Technical support - GIS Training	2 GIS Training Reports	10.00% (1 GIS Training Report)	10.00% (1 GIS Training Report)			
3. Geospatial Information Services and Production of NAMRIA Information, Education, and Communication Materials		40.11	40.11	100		
1. Media Production and Packaging	3 NAMRIA IEC materials published 100% events covered through published NAMRIA Newscoop (NN)	8.75% (2 NAMRIA IEC material) (100% events covered)	8.75% (2 NAMRIA IEC material) 100% (9) 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	12.50% (100% trainings condtd) (1 Report)	12.50% 100% (5) trainings) (1 Report)			
4. Client Services	100% clients served 6 Reports prepared 12 Monthly Sales Reports submitted 2019 MSO Sales Report submitted	13.96% (100% clients served) (4 Reports) (6 Monthly Sales Reports) (2019 MSO Sales Report)	13.96% 100% (2,188) clients) (4 Reports) (6 Monthly Sales Reports) (2019 MSO Sales Report)			
4. Information and Communications Technology Resource Management		47.56	46.38	97.52		
1. Maintenance of computer system	1 Updated list of ICT equipment 100% of computer systems (619) maintained semestrally A minimum of 95% operational monthly	22.54% (619 computer systems) (=>95% operational)	21.36% (546 computer systems) (99.99% operational)		Slippage was due to the implementation of GCQ	All preventive maintenance to be rescheduled in the second semester of 2020.
2. Network/Datacenter Maintenance and Administration	1 Network system operational at a minimum of 95% monthly	20.00% (=>95% operational)	20.00% (99.93% operational)			


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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	2.50%	2.50%			
	1 ICTRM IS	2.52%	2.52%			
LOCALLY-FUNDED						
NAMRIA Geospatial Data Infrastructure		44.25	44.25	100		
1. System Analysis	1 System analyzed	12.00% (1 System)	12.00% (1 System)			
2. System Design	1 System designed	6.00% (1 System)	6.00% (1 System)			
3. Application Development	1 Application developed	12.50% (1 Application)	12.50% (1 Application)			
4. System Implementation	1 System implemented					
5. System Maintenance	5 System maintained	1.25% (5 Systems)	1.25% (5 Systems)			
6. Database Maintenance	2 database maintained	12.50% (2 Database)	12.50% (2 Database)			

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