

National Mapping and Resource Information Authority
Physical Performance Report
As of February 28, 2021

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 2021
	FY 2021 (Annual)	February 1-28 (First Quarter)	As of February 28, 2021			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
1. Hydrographic Surveys		13.61	12.41	91.18		
A. Hydrographic surveys of the Philippine Waters						
1. Exclusive Economic Zone	West Philippine Sea/Moro Gulf	0.50% (survey planning)	0.50% (survey planning)			
2. Archipelagic Waters/Sealanes (AW)	Tayabas Bay-Ragay Gulf-Sorsogon Bay	0.50% (survey planning)	0.50% (survey planning)			
3. Ports and Harbors	8 Ports and Harbors	2.25% (survey planning)	3.25% (survey planning)			
4. Data Quality Control	4,000 sq km of EEZ bathy 5,000 sq km of AW bathy 8 P&H bathy areas	1.00% (2 P&H bathy areas)	1.00% (2 P&H bathy areas)			
B. Maintenance and Operation of Magnetic Observatory						
1. Field geomagnetic observation of magnetic repeat stations (MRS)	21 MRS	1.93% (6 MRS)	0.00%		Fieldwork activity was not conducted awaiting the approval of Travel Authority from the DENR Secretary.	Rescheduled by March or as soon as the Travel Authority is approved.
2. Continuous geomagnetic data acquisition	7776 hourly values of geomagnetic data	0.75% (1,296 hourly values)	0.75% (1,296 hourly values)			
3. Absolute magnetic observation at magnetic observatory	96 absolute magnetic observations	0.25% (16 observations)	0.25% (16 observations)			
4. Maintenance		0.33%	0.33%			

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C. Maintenance and operation of survey vessels	(BRPHs Ventura; Presbitero; Hizon; Palma; Single Beam Skiff; Land-based systems)	5.27%	5.00%		Survey activity was not conducted awaiting the approval of Travel Authority from the DENR	Rescheduled by March or as soon as the Travel Authority is approved.
D. Client management	95% of client requests addressed timely	0.83% (95% of clients addressed)	0.83% (95% (39) clients addressed)			
2. Nautical Charting		11.46	11.46	100		
1. Data compilation and/or enhancement of nautical charts	8 Harbor charts	25.00% (5 charts)	25.00% (5 charts)			
	2 Approach charts	20.00% (1 chart)	20.00% (1 chart)			
	13 Coastal charts	20.00% (6 charts)	20.00% (6 charts)			
	1 EEZ Chart					
	2 General Charts	20.00% (1 chart)	20.00% (1 chart)			
	15 Master Charts	10.00% (6 charts)	10.00% (6 charts)			
2. Data compilation and Update of Electronic Navigational Charts (ENC)	10 ENCs	20.00% (5 charts)	20.00% (5 charts)			
3. Manual correction of printed nautical charts	100% printed nautical charts manually corrected	10.00%	10.00%			
4. Reproduction of nautical publications	6,000 nautical charts 2,000 copies (2022 TCTs)					
3. Maritime Publications and Support Services		13.61	13.18	96.84		
1. Promulgation/Publication of Navigational Warnings (NW) or Notices to Mariners (NTM)	NW emailed to NAVAREA XI Coordinator 12 NTMs emailed to clients	16.20% (100% NW/2 NTMs)	16.20% 100% (24) NW/(2) NTMs)			
2. Publication of Philippine List of Lights (PLL)	2022 Edition of PLL published	11.60%	11.60%			
3. Publication of cumulative list of Notices to Mariners (CLNM)	CLNM published	11.60%	11.60%			

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4. Publication of Philippine Coast Pilot (PCP) Book	Vol. II, 7th Edition published	13.34%	13.34%			
5. Compilation of Coast Pilot Manuscript	8th Edition Manuscript compiled	17.50%	14.50%		Fieldwork activity was not conducted awaiting the approval of Travel Authority from the DENR Secretary.	Rescheduled by July 2021.
6. Delineation of Municipal Waters (MW)	100% (80 of 80) technical assistance provided	16.60% (100% of LGUs, NGAs)	16.60% (100% (14 LGUs, NGAs)			
7. Delineation of International Maritime Zones and Other Maritime Areas	20 internal waters map compiled 2 baseline maps of WPS features	8.40% (2 maps)	8.40% (2 maps)			
4. Physical Oceanographic Surveys		6.52	3.82	58.59		
1. Maintenance of tide stations - Annual inspection and releveling	50 stations inspected and relevelled	2.50% (5 stations)	0.50% (1 station)		Fieldwork activity was not conducted awaiting the approval of Travel Authority from the DENR Secretary.	Rescheduled by March or as soon as the Travel Authority is approved.
2. Acquisition of physical oceanographic data						
2.1 Operation of tide stations (Sea level measurements, downloading of tidal data, and temperature, density & salinity measurements)	92% of total no. of tide stations (50)	3.32% (92 % of 50 stations)	3.32% (92 % of 50 stations)			
2.2 Establishment of new tide stations	7 tide stations established	0.70% (1 station)	0.00%		Fieldwork activity was not conducted awaiting the approval of Travel Authority from the DENR Secretary.	Rescheduled by March or as soon as the Travel Authority is approved.
3. Data processing, analysis & prediction						
3.1 Processing of physical oceanographic data (Tidal data from tide stations, temperature, density and salinity)	100% of downloaded/retrieved months datasets					
4. Oceanographic data management						
4.1 Updating and maintenance of NODC - Implementation of National Oceano- graphic Data Exchange Service (NODES)	1 Database System					

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project (data rescue and recovery of historical data) - Databasing & archiving of sea level and other physical oceanographic data - Updating of tidal datum planes 4.2 Preparation of Tide and Current Tables (TCTs) - Tide & Current Prediction manuscript - Quality Control - Printing 4.3 Provision of tidal information - Updating of tidal information on nautical charts - Provision and certification of oceanographic information	100% of downloaded/retrieved months datasets 100% of downloaded/retrieved months datasets 1 manuscript 1 manuscript 2,000 copies 7 Nautical charts 95% of requests acted upon					
Program: Topographic Mapping and Geodetic Network						
1. Large-scale Mapping		12.92	12.92			
a. Production of new series large-scale orthoimages and topographic base maps at scale 1:4,000	360 mapsheets	22.50% (TOR & bid docs, BAC pro- curement)	22.50% (TOR & bid docs, BAC pro- curement)			
b. Unified Mapping						
b.1 Updating and cartographic enhancement of large-scale 1:10,000 topographic maps	1,500 mapsheets					
b.2 Quality assessment of 2020 outsourced line maps	1,800 mapsheets	3.40% (data evaluation)	3.40% (data evaluation)			

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b.3 Large-scale (1:10,000) topographic database management and cartographic enhancement						
a. Topographic databasing	300 mapsheets	3.67% (55 map sheets)	3.67% (55 map sheets)			
b. Cartographic enhancement	55 mapsheets	1.25% (map layout)	1.25% (map layout)			
2. Medium and Small Scale Mapping		13.87	13.87	100		
A. Medium scale mapping (1:50,000)						
A.1 In-house (Feature extraction evaluation of vector data and cartographic enhancement)	45 mapsheets	13.29% (quality assessment)	13.29% (quality assessment)			
A.2 Contract Out (Feature extraction w/o enhancement)	40 mapsheets	20.00% (bid docs & BAC procurement)	20.00% (bid docs & BAC procurement)			
B. Small Scale Mapping (1:250,000)	4 maps	10.77% (generalization of contours)	10.77% (generalization of contours)			
3. Updating of the Philippine Gazetteer		5.84	5.42	92.81		
A. Topographic Database Mapping	24 mapsheets	5.00% (geodatabase loading)	5.00% (geodatabase loading)			
B. Updating of the Philippine Gazetteer Project	Geographic Names Geospatial Database uploaded/encoded with 11 provinces	6.67% (data processing)	5.83% (data processing)		The division is requesting Job Orders (JOs) to be involved in the project.	On-going hiring of JOs and will be addressed by end of 2nd quarter 2021.
4. Administrative Mapping		10.50	10.50	100		
	12 maps (7 provincial; 5 regional)	10.50% (data gathering)	10.50% (data gathering)			
5. Map Printing and Reproduction		12.00	12.00	100		
1. Printing and Re-printing of topographic, administrative maps & nautical charts	80 maps/charts printed Special Publications: 5,000 sheets Centennial Calendar 3,000 pamphlets 2022 Planner 13,000 sheets 2022 Calendar	12.00% (24 sets of maps/charts)	12.00% (24 sets of maps/charts)			

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6. Modernization of the Philippine Geodetic Reference System (PGRS)		24.50	19.00	77.55		
1. Establishment of AGS	3 AGS (Outsource)	1.00%	1.00%			
2. AGS Site selection	6 Sites	4.00%	4.00%			
3. Maintenance of AGS	52 AGS (Outsource)	3.50%	2.00%		Notice to Proceed is not yet issued.	Contract was already sent to contractor. Once the contract is accepted, a Notice to Proceed will be issued and addressed by end of 2nd quarter 2021.
4. GCP re-observation	137 GCPs (Outsource)	2.00%	2.00%			
5. Validation of Philippine Geoid Model	100 GCPs	2.00%	2.00%			
6. Releveling of BMs	620 kms (Outsource)	2.00%	2.00%			
	100 kms (In-house)	4.00%	2.00%			
7. Densification of gravity stations and GCP maintenance	800 GS	4.00%	2.00%			
	100 GCPs	2.00%	2.00%			
8. Uploading to NGIMS of Geodetic Reference datasets	3 AGS 137 GCPs					
Program: Resource Assessment and Mapping						
1. Forestland Evaluation and Mapping		17.25	17.25	100		
Land Classification of Unclassified Public Forest (UPF) areas	8 preliminary maps of UPF sites	17.25% (1 prov'l LC map assessed)	17.25% (1 prov'l LC map assessed)			

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2. Land Cover Mapping		9.00	9.00	100		
	18 provinces	9.00% (9 provinces pre-processed)	9.00% (9 provinces pre-processed)			
3. Coastal Resource Mapping and Assessment		8.00	8.00	100		
	12 provinces	8.00% (4 provinces preliminary mapped)	8.00% (4 provinces preliminary mapped)			
4. ENR Data Integration (Geospatial Data Integration)		11.00	11.00	100		
	10 provinces	11.00% (4 provinces preliminary mapped)	11.00% (4 provinces preliminary mapped)			
5. Participatory Mapping of Existing Land Uses		5.00	5.00	100		
	1 province	5.00% (1 province data gathered)	5.00% (1 province data gathered)			
Program: Geospatial Information System Management						
1. Information System Development & Maintenance		7.00	7.00	100		
1. System Analysis	4 Systems	6.00% (4 systems)	6.00% (4 systems)			
2. System Design	4 Systems					
3. Application Development	4 Applications					
4. System Implementation	4 Systems					
5. System Maintenance	33 Systems	1.00% (1 system)	1.00% (1 system)			

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
2. Geospatial Database Development & Maintenance		9.66	9.66	100		
1. Database design	3 Database	6.00% (3 databasc)	6.00% (3 databasc)			
2. Database Buildup	2 Database buildup	2.00% (1 databasc)	2.00% (1 databasc)			
3. Database maintenance	1 Database	1.66% (1 databasc)	1.66% (1 databasc)			
4. Research and Analysis of existing geospatial databases	Research and Analysis Report					
5. LGU GIS Capability Assessment	Assessment Report					
6. Technical Support (Training and other technical support)	Training Report					
3. Geospatial Information Services and Production of NAMRIA Information, Education, and Communication Materials		7.80	7.80	100		
1. Media Production and Packaging	4 NAMRIA IEC materials published 100% events covered through published NAMRIA Newscoop (NN)					
2. Information dissemination and documentation	2 IEC campaign/webinar conducted 100% tour of facilities requests served 1 map and technology exhibit 100% requests served for photo and video documentation					
3. Geomatics Training	100% regular/special/MOA-based training programs conducted 2020 NGTC Training Report submitted	2.00% (1 Training Report)	2.00% (1 Training Report)			

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4. Client Services	100% clients served 6 Reports submitted 12 Monthly Sales Reports submitted 2020 MSO Sales Report submitted	5.80% (100% clients served) (2 Reports) (2 Sales Reports) (2020 MSO Sales Report)	5.80% (100% (1,227) clients served) (2 Reports) (2 Sales Reports) (2020 MSO Sales Report)			
4. Information and Communications Technology Resource Management		14.18	14.18	100		
1. Maintenance of computer system	1 Updated list of ICT equipment 100% of computer systems (556) maintained semestraly A minimum of 95% operational monthly	6.68% (139 computer systems) (=>95% operational)	6.77% (144 computer systems) (99.993% operational)			
2. Network/Datacenter Maintenance and Administration	1 Network system operational at a minimum of 95% monthly	6.66% (=>95% operational)	6.66% (99.975% 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	0.84%	0.84%			

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