

National Mapping and Resource Information Authority
Physical Performance Report
As of March 31, 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)	March 1-31 (First Quarter)	As of March 31, 2021					
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)		
1. Hydrographic Surveys		19.74	17.56	88.96				
A. Hydrographic surveys of the Philippine Waters								
1. Survey planning	10 Field Project Instruction (FPis)	2.50% (10 FPis)	2.50% (10 FPis)	100				
	10 Data Acquisition Plan or Processing (DAPs)	1.50% (6 DAPs)	2.25% (9 DAPs)	100				
2. Data acquisition, processing and packaging								
a. Exclusive Economic Zone	West Philippine Sea/Moro Gulf (4,000 sqkm)							
b. Archipelagic Waters/Sealanes (AW)	Tayabas Bay-Ragay Gulf-Sorsogon Bay							
c. Ports and Harbors (P&H)	8 Ports and Harbors	1.00% (2 P&H)	0.00%	0	There was a delay in the approval of travel authority issued by the Office of the Secretary, DENR. Also, the one week lockdown in HB and Main offices contributed in further delays in the processing of travel documents.	Field work is rescheduled in April 2021.		
d. Data Quality Control	4,000 sq km of EEZ bathy 5,000 sq km of AW bathy 8 P&H bathy areas	1.50% (3 P&H bathy areas)	1.50% (3 P&H bathy areas)	100				
B. Maintenance and Operation of Magnetic Observatory								
1. Field geomagnetic observation of magnetic repeat stations (MRS)	21 MRS	1.93% (6 MRS)	0.00%	0			There was a delay in the approval of travel authority issued by the Office of the Secretary, DENR. Also, the one week lockdown in HB and Main offices contributed in further delays in the processing of travel documents.	Field work is rescheduled in April 2021.
2. Continuous geomagnetic data acquisition	7776 hourly values of geomagnetic data	1.13% (1,944 hourly values)	1.13% (1,944 hourly values)	100				
3. Absolute magnetic observation at magnetic observatory	96 absolute magnetic observations	0.38% (24 observations)	0.38% (24 observations)	100				
4. Maintenance		0.51%	0.51%	100				

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C. Maintenance and operation of survey vessels	(BRPHs Ventura; Presbitero; Hizon; Palma; Single Beam Skiff; Land-based systems)	8.04%	8.04%	100		
D. Client management	95% of client requests addressed timely	1.25% (95% of clients addressed)	1.25% (95% (46) clients addressed)	100		
2. Nautical Charting		17.42	17.42	100		
1. Data compilation and/or enhancement of nautical charts	8 Harbor charts	35.00% (5 charts)	35.00% (5 charts)	100		
	2 Approach charts	27.00% (1 chart)	27.00% (1 chart)	100		
	13 Coastal charts	27.00% (6 charts)	27.00% (6 charts)	100		
	1 EEZ Chart					
	2 General Charts	27.00% (1 chart)	27.00% (1 chart)	100		
	15 Master Charts	20.00% (6 charts)	20.00% (6 charts)	100		
2. Data compilation and Update of Electronic Navigational Charts (ENC)	10 ENCs	27.00% (5 charts)	27.00% (5 charts)	100		
3. Manual correction of printed nautical charts	100% printed nautical charts manually corrected	20.00% (100% printed nautical charts manually corrected)	20.00% (100% (180) printed nautical charts manually corrected)	100		
4. Reproduction of nautical publications	6,000 nautical charts 2,000 copies (2022 TCTs)					
3. Maritime Publications and Support Services		21.33	20.47	95.97		
1. Promulgation/Publication of Navigational Warnings (NW) or Notices to Mariners (NTM)	NW emailed to NAVAREA XI Coordinator 12 NTMs emailed to clients	24.70% (100% NW/3 NTMs)	24.70% 100% (15) NW/(3) NTMs)	100		
2. Publication of Philippine List of Lights (PLL)	2022 Edition of PLL published	17.50%	17.50%	100		
3. Publication of cumulative list of Notices to Mariners (CLNM)	CLNM published	17.50%	17.50%	100		
4. Publication of Philippine Coast Pilot (PCP) Book	Vol. II, 7th Edition published	20.01%	20.01%	100		

ACTUAL
As of
(4)
21.90%
24.90%
(100% (21 LGUs, NC
16.80%
(4 maps compiled)
(2 maps reviewed)
4.88
0.50%
(1 station)
4.38%
(88 % of 50/44 stati

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Program: Topographic Mapping and Geodetic Network						
1. Large-scale Mapping						
		14.72	14.72			
a. Production of new series large-scale orthoimages and topographic base maps at scale 1:4,000	360 mapsheets	25.00% (TOR & bid docs, BAC procurement)	25.00% (TOR & bid docs, BAC procurement)	100		
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	6.80% (data evaluation)	6.80% (data evaluation)	100		
b.3 Large-scale (1:10,000) topographic database management and cartographic enhancement						
a. Topographic databasing	300 mapsheets	5.67% (85 map sheets)	5.67% (85 map sheets)	100		
b. Cartographic enhancement	55 mapsheets	3.00% (map layout)	3.00% (map layout)	100		
2. Medium and Small Scale Mapping						
		21.13	21.13	100		
A. Medium scale mapping (1:50,000)						
A.1 In-house (Feature extraction evaluation of vector data and cartographic enhancement)	45 mapsheets	20.82% (quality assessment)	20.82% (quality assessment)	100		
A.2 Contract Out (Feature extraction w/o enhancement)	40 mapsheets	29.38% (bid docs & BAC procurement; monitoring & evaluation)	29.38% (bid docs & BAC procurement; monitoring & evaluation)	100		
B. Small Scale Mapping (1:250,000)	5 maps	16.15% (generalization of contours)	16.15% (generalization of contours)	100		
3. Updating of the Philippine Gazetteer						
		14.40	12.10	84.03		
A. Topographic Database Mapping	24 mapsheets	15.05% (vector data editing)	16.05% (vector data editing)	100		
B. Updating of the Philippine Gazetteer Project	Geographic Names Geospatial Database uploaded/encoded with 11 provinces	13.75% (data processing & field data gathering & verification)	9.16% (data processing & field data gathering & verification)	66.62	Delayed processing of documents of Job Orders (JOs) applicants due to quarantine and office lockdown. Deferred fieldwork due to quarantine and office lockdown.	Qualified candidates were endorsed to the management for hiring and will be addressed by end of 2nd quarter 2021. Fieldwork to be rescheduled in the 2nd quarter of 2021.

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
4. Administrative Mapping		21.00	21.00	100		
	12 maps (7 provincial; 5 regional)	21.00% (data integration)	21.00% (data integration)	100		
5. Map Printing and Reproduction		18.00	14.00	77.78		
1. Printing and Re-printing of topographic, administrative maps & nautical charts	80 maps/charts printed Special Publications: 5,000 sbts Centennial Calendar 3,000 pamphlets 2022 Planner 13,000 sheets 2022 Calendar	18.00% (36 sets of maps/charts)	14.00% (28 sets of maps/charts)	77.78	Delayed submission of Work Orders (WOs) from Cartography, Photogrammetry and Nautical Charting.	To work on overtime once the WOs will be submitted by end of 2nd quarter 2021.
6. Modernization of the Philippine Geodetic Reference System (PGRS)		31.00	20.50	66.13		
1. Establishment of AGS	3 AGS (Outsource)	1.00% (Prep. of bidding documents)	1.00% (Prep. of bidding documents)	100		
2. AGS Site selection	6 Sites	6.00% (2 sites)	4.00%	66.67	Deferred fieldwork due to quarantine and office lockdown.	Rescheduled in April 2021.
3. Maintenance of AGS	52 AGS (Outsource)	5.00% (10 AGS)	3.50% (5 AGS)	70	Delayed awarding of contract.	Contractor to catch-up for the target from April to May 2021.
4. GCP re-observation	135 GCPs	2.00% (Prep. of travel documents)	2.00% (Prep. of travel documents)	100		
5. Validation of Philippine Geoid Model	100 GCPs	5.00% (40 GCPs)	2.00%	40	Postponed due to Covid-19.	Travel was rescheduled in April.
6. Releveling of BMs	620 kms (Outsource)	2.00% (Prep. of bidding documents)	2.00% (Prep. of bidding documents)	100		
	100 kms (In-house)	4.00% (40 kms)	2.00%	50	Deferred fieldwork due to quarantine and office lockdown.	Rescheduled in April 2021.
7. Densification of gravity stations and GCP maintenance	800 GS	4.00% (200 GS)	2.00%	50	Deferred fieldwork due to quarantine and office lockdown.	Rescheduled in April 2021.
	100 GCPs	2.00% (Prep. of travel documents)	2.00% (Prep. of travel documents)	100		
8. Uploading to NGIMS of Geodetic Reference datasets	3 AGS 137 GCPs					

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Program: Resource Assessment and Mapping						
1. Forestland Evaluation and Mapping						
Land Classification of Unclassified Public Forest (UPF) areas	8 preliminary maps of UPF sites	26.00% (1 prov'l LC map assessed & databased)	26.00% (1 prov'l LC map assessed & databased)	100		
2. Land Cover Mapping						
	18 provinces	15.00% (13 provinces pre-processed)	15.00% (13 provinces pre-processed)	100		
3. Coastal Resource Mapping and Assessment						
	12 provinces	12.00% (6 provinces preliminary mapped)	12.00% (6 provinces preliminary mapped)	100		
4. ENR Data Integration (Geospatial Data Integration)						
	10 provinces	23.00% (5 provinces preliminary mapped)	23.00% (5 provinces preliminary mapped)	100		
5. Participatory Mapping of Existing Land Uses						
	1 province	15.00% (1 province data gathered)	15.00% (1 province data gathered)	100		
Program: Geospatial Information System Management						
1. Information System Development & Maintenance						
1. System Analysis	4 Systems	9.00% (4 systems)	9.00% (4 systems)	100		
2. System Design	4 Systems	1.50% (1 system)	1.50% (1 system)	100		
3. Application Development	4 Applications					

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4. System Implementation	4 Systems					
5. System Maintenance	33 Systems	1.50% (1 system)	1.50% (1 system)	100		
2. Geospatial Database Development & Maintenance		17.49	17.49	100		
1. Database design	3 Database	12.00% (3 database)	12.00% (3 database)	100		
2. Database Buildup	2 Database buildup	3.00% (1 database)	3.00% (1 database)	100		
3. Database maintenance	1 Database	2.49% (1 database)	2.49% (1 database)	100		
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		30.15	30.15	100		
1. Media Production and Packaging	4 NAMRIA IEC materials published 100% events covered through published NAMRIA Newscoop (NN)	4.50% (1 NAMRIA IEC material) (100% events covered through Newscoop)	4.50% (1 NAMRIA IEC material) (100% (4) events covered through Newscoop)	100		
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	9.70% (1 IEC campaign/webinar) (1 map & tech exhibit) (100% requests for photo and video doc'tn)	9.70% (2 IEC campaign/webinar) (1 map & tech exhibit) (100% (2) photo and (5) video doc'tn)	100		
3. Geomatics Training	100% regular/special/MOA-based/on-line training programs conducted 2020 NGTC Training Report submitted	7.75% (100% regular/special/ MOA-based/on-line) (1 Training Report)	7.75% (100% (3) reg./special/ MOA-based/on-line) (1 Training Report)	100		

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4. Client Services	100% clients served 6 Reports submitted 12 Monthly Sales Reports submitted 2020 MSO Sales Report submitted	8.20% (100% clients served) (3 Reports) (3 Sales Reports) (2020 MSO Sales Report)	8.20% (100% (1,745) clients) (3 Reports) (3 Sales Reports) (2020 MSO Sales Report)	100		
4. Information and Communications Technology Resource Management		23.77	23.45	98.65		
1. Maintenance of computer system	1 Updated list of ICT equipment 100% of computer systems (556) maintained semestraly A minimum of 95% operational monthly	11.27% (278 computer systems) (=>95% operational)	10.95% (260 computer systems) (99.99% operational)	97.16	Slippage due to one week lockdown in HB and Main offices.	Slippage will be addressed by the end of second quarter.
2. Network/Datacenter Maintenance and Administration	1 Network system operational at a minimum of 95% monthly	9.99% (=>95% operational)	9.99% (99.81% operational)	100		
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% 1.26%	1.25% 1.26%	100 100		

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