

National Mapping and Resource Information Authority

Physical Performance Report

As of January 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)	January 1-31 (First Quarter)	As of January 31, 2021			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
1. Hydrographic Surveys		6.10	6.10	100		
A. Hydrographic surveys of the Philippine Waters						
1. Exclusive Economic Zone	West Philippine Sea/Moro Gulf	0.25% (Survey plan preparation)	0.25% (Survey plan preparation)			
2. Archipelagic Waters/Sealanes (AW)	Tayabas Bay-Ragay Gulf-Sorsogon Bay	0.25% (Survey plan preparation)	0.25% (Survey plan preparation)			
3. Ports and Harbors	8 Ports and Harbors	2.00% (Survey plan preparation)	2.00% (Survey plan preparation)			
4. Data Quality Control	4,000 sq km of EEZ bathy 5,000 sq km of AW bathy 8 P&H bathy areas					
B. Maintenance and Operation of Magnetic Observatory						
1. Field geomagnetic observation of magnetic repeat stations (MRS)	21 MRS					
2. Continuous geomagnetic data acquisition	7776 hourly values of geomagnetic data	0.38% (648 hourly values)	0.38% (648 hourly values)			
3. Absolute magnetic observation at magnetic observatory	96 absolute magnetic observations	0.13% (8 observations)	0.13% (8 observations)			
4. Maintenance		0.13%	0.13%			
- Preventive maintenance (PM)	1 PM Plan 2022					
- Corrective maintenance	100% timely implementation 95% of incidents reported addressed on time	0.04%	0.04%			

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C. Maintenance and operation of survey vessels	5 PM Plans 2022 1 Calibration Plan 2022 100% timely implementation (BRPHs Ventura; Presbitero; Hizon; Palma; Land-based systems) 95% of incidents reported addressed on time (BRPHs Ventura; Presbitero; Hizon; Palma; 1 Platform available on scheduled survey (Big ship; Catamaran ship; Single Beam Skiff) 1 Inspection Plan	2.50%	2.50%			
D. Data holdings & client management	95% of client requests	0.42% (95% of clients served)	0.42% (9 clients)			
2. Nautical Charting		5.12	5.12	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	14.38% (5 charts) 11.50% (1 chart) 10.62% (6 charts)	14.38% (5 charts) 11.50% (1 chart) 10.62% (6 charts)			
2. Data compilation and Update of Electronic Navigational Charts (ENC)	10 ENCs	12.50% (5 charts)	12.50% (5 charts)			
3. Manual correction of printed nautical charts	100% printed nautical charts manually corrected					
4. Reproduction of nautical publications	6,000 nautical charts 2,000 copies (2022 TCTs)					

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
3. Maritime Publications and Support Services		5.67	5.67	100		
1. Promulgation/Publication of Navigational Warnings (NW) or Notices to Mariners (NTM)	NW emailed to NAVAREA XI Coordinator 12 NTMs emailed to clients	8.10% (100% NW/1 NTMs)	8.10% 100% (9) NW/(1) NTMs)			
2. Publication of Philippine List of Lights (PLL)	2022 Edition of PLL published	5.80%	5.80%			
3. Publication of cumulative list of Notices to Mariners (CLNM)	CLNM published	5.80%	5.80%			
4. Publication of Philippine Coast Pilot (PCP) Book	Vol. II, 7th Edition published	1.00%	1.00%			
5. Compilation of Coast Pilot Manuscript	8th Edition Manuscript compiled	8.20%	8.20%			
6. Delineation of Municipal Waters (MW)	100% (80 of 80) technical assistance	8.30% (100% of LGUs, NGAs)	8.30% (100% (7 LGUs, NGAs)			
7. Delineation of International Maritime Zones and Other Maritime Areas	24 internal waters map compiled 2 baseline maps of WPS features	2.50%	2.50%			
4. Physical Oceanographic Surveys		2.16	2.16	100		
1. Maintenance of tide stations - Annual inspection and releveled	50 stations inspected and releveled	0.50% (1 station)	0.50% (1 station)			
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 (54)	1.66% (49 stations)	1.66% (49 stations)			
2.2 Establishment of new tide stations	7 tide stations established					
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					

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
4. Oceanographic data management 4.1 Updating and maintenance of NODC - Implementation of National Oceanographic Data Exchange Service (NODES) 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	1 Database System 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		1.35	1.35			
a. Production of new series large-scale orthoimages and topographic base maps at scale 1:4,000 b. Unified Mapping b.1 Updating and cartographic enhancement of large-scale 1:10,000 topographic maps	360 mapsheets 1,500 mapsheets	10.00% (Prep. of TOR & bid docs.)	10.00% (Prep. of TOR & bid docs.)			

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b.2 Quality assessment of 2020 outsourced line maps	1,800 mapsheets	1.70% (Data evaluation)	1.70% (Data evaluation)			
b.3 Large-scale (1:10,000) topographic database management and cartographic enhancement						
a. Topographic databasing	300 mapsheets	1.67% (25 map sheets)	1.67% (25 map sheets)			
b. Cartographic enhancement	55 mapsheets					
2. Medium and Small Scale Mapping		6.49	6.49	100		
A. Medium scale mapping (1:50,000)						
A.1 In-house (Feature extraction evaluation of vector data and cartographic enhancement)	45 mapsheets	5.76% (Data gathering; quality assessment)	5.76% (Data gathering; quality assessment)			
A.2 Contract Out (Feature extraction w/o enhancement)	40 mapsheets	10.00% (Prep. of TOR & bid docs.)	10.00% (Prep. of TOR & bid docs.)			
B. Small Scale Mapping (1:250,000)	4 maps	5.38% (Data gathering)	5.38% (Data gathering)			
3. Updating of the Philippine Gazetteer		2.17	2.17	100		
A. Topographic Database Mapping	24 mapsheets	1.00% (Data gathering)	1.00% (Data gathering)			
B. Updating of the Philippine Gazetteer Project	Geographic Names Geospatial Database uploaded/encoded with 11 provinces	3.33% (Data gathering)	3.33% (Data gathering)			
4. Administrative Mapping		5.00	5.00	100		
	12 maps (7 provincial; 5 regional)	5.00% (Data gathering)	5.00% (Data gathering)			
5. Map Printing and Reproduction		6.00	6.00	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 2022 Planner 13,000 sheets 2022 Calendar	6.00% (12 sets of maps/charts reproduction works)	6.00% (12 sets of maps/charts reproduction works)			

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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
6. Modernization of the Philippine Geodetic Reference System (PGRS)						
		19.00	19.00	100		
1. Establishment of AGS	3 AGS (Outsource)	1.00% (Prep. of bid documents)	1.00% (Prep. of bid documents)			
2. AGS Site selection	6 Sites	4.00% (Prep. of travel documents)	4.00% (Prep. of travel documents)			
3. Maintenance of AGS	52 AGS (Outsource)	2.00% (Prep. of bid documents)	2.00% (Prep. of bid documents)			
4. GCP re-observation	137 GCPs (Outsource)	2.00% (Prep. of bid documents)	2.00% (Prep. of bid documents)			
5. Validation of Philippine Geoid Model	100 GCPs	2.00% (Prep. of travel documents)	2.00% (Prep. of travel documents)			
6. Releveling of BMs	620 kms (Outsource)	2.00% (Prep. of bid documents)	2.00% (Prep. of bid documents)			
	100 kms (In-house)	2.00% (Prep. of travel documents)	2.00% (Prep. of travel documents)			
7. Densification of gravity stations and GCP maintenance	800 GS	2.00% (Prep. of travel documents)	2.00% (Prep. of travel documents)			
	100 GCPs	2.00% (Prep. of travel documents)	2.00% (Prep. of travel documents)			
8. Uploading to NGIMS of Geodetic Reference datasets	3 AGS 137 GCPs	2.00% (Prep. of travel documents)	2.00% (Prep. of travel documents)			
Program: Resource Assessment and Mapping						
1. Forestland Evaluation and Mapping						
		6.00	6.00	100		
Land Classification of Unclassified Public Forest (UPF) areas	4 proposed LC maps	6.00% (1 province preliminary mapped)	6.00% (1 province preliminary mapped)			
2. Land Cover Mapping						
		5.00	5.00	100		
	18 provinces	5.00% (5 provinces data gathered and processed)	5.00% (5 provinces data gathered and processed)			

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3. Coastal Resource Mapping and Assessment						
	12 provinces	4.00% (2 provinces preliminary mapped)	4.00% (2 provinces preliminary mapped)	100		
4. ENR Data Integration (Geospatial Data Integration)						
	10 provinces	2.00% (2 provinces preliminary mapped)	2.00% (2 provinces preliminary mapped)	100		
5. Participatory Mapping of Existing Land Uses						
	1 province			0.00		
Program: Geospatial Information System Management						
1. Information System Development & Maintenance						
		4.50	4.50	100		
1. System Analysis	4 Systems	4.00% (4 systems)	4.00% (4 systems)			
2. System Design	4 Systems					
3. Application Development	4 Applications					
4. System Implementation	4 Systems					
5. System Maintenance	33 Systems	0.50% (1 system)	0.50% (1 system)			
2. Geospatial Database Development & Maintenance						
		4.83	4.83	100		
1. Database design	3 Database	3.00% (3 database)	3.00% (3 database)			
2. Database Buildup	2 Database buildup	1.00% (2 database)	1.00% (2 database)			
3. Database maintenance	1 Database	0.83% (1 database)	0.83% (1 database)			
4. Research and Analysis of existing geospatial databases	Research and Analysis Report					

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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		5.40	5.40	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 Report)	2.00% (1 Report)			
4. Client Services	100% clients served 6 Reports submitted 12 Monthly Sales Reports submitted 2020 MSO Sales Report submitted	3.40% (100% clients served) (2 Reports) (1 Sales Report)	3.40% (100% (675) clients served) (2 Reports) (1 Sales Report)			

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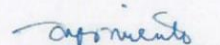
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(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
4. Information and Communications Technology Resource Management		5.84	5.84	100		
1. Maintenance of computer system	1 Updated list of ICT equipment 100% of computer systems (556) maintained semestraly A minimum of 95% operational monthly	2.09% (=>95% operational)	2.09% (99.995% operational)			
2. Network/Datacenter Maintenance and Administration	1 Network system operational at a minimum of 95% monthly	3.33% (=>95% operational)	3.33% (99.95% 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	 0.42%	 0.42%			

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