

National Mapping and Resource Information Authority
Physical Performance Report
As of April 30, 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 Third Quarter, FY 2021
	FY 2021 (Annual)	April 1-30 (Second Quarter)	As of April 30, 2021			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
1. Hydrographic Surveys		30.55	21.89	71.65		
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)	2.50% (10 DAPs)	2.50% (10 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	8 Ports and Harbors	3.00% (3 P&H)	0.00%	0	Fieldwork activities were suspended pursuant to NAMRIA Memorandum dated 04 April 2021 suspending official travels/fieldworks due to the imposition of Enhance Community Quarantine. Also, as a result of high number of Covid 19 positive cases onboard the vessels, activities were hampered as crews were quarantined.	Fieldwork to be rescheduled within the 1st semester 2021.
d. Data Quality Control	4,000 sq km of EEZ bathy 5,000 sq km of AW bathy 8 P&H bathy areas	2.00% (4 P&H bathy areas)	2.00% (4 P&H bathy areas)	100		
B. Maintenance and Operation of Magnetic Observatory						
1. Field geomagnetic observation of magnetic repeat stations (MRS)	21 MRS	3.86% (12 MRS)	0.00%	0	Fieldwork activities were suspended pursuant to NAMRIA Memorandum dated 04 April 2021 suspending official travels/fieldworks due to the imposition of Enhance Community Quarantine.	Fieldwork to be rescheduled within the 1st semester 2021.
2. Continuous geomagnetic data acquisition	7776 hourly values of geomagnetic data	1.50% (2,592 hourly values)	1.50% (2,592 hourly values)	100		
3. Absolute magnetic observation at magnetic observatory	96 absolute magnetic observations	0.50% (32 observations)	0.50% (32 observations)	100		
4. Maintenance		0.67%	0.67%	100		

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C. Maintenance and operation of survey vessels	(BRPHs Ventura; Presbitero; Hizon; Palma; Single Beam Skiff; Land-based systems)	12.34%	10.54%	85.41	Maintenance suspended due to Covid-19 cases onboard the vessels.	To resume the maintenance activity of the vessel once personnel are confirmed Covid-19 negative and are certified as fit to go back to work.
D. Client management	95% of client requests addressed timely	1.68% (95% of clients addressed)	1.68% (95% (57) clients addressed)	100		
2. Nautical Charting		23.71	22.88	96.50		
1. Data compilation and/or enhancement of nautical charts	8 Harbor charts	45.00% (5 charts)	45.00% (5 charts)	100		
	2 Approach charts	35.00% (1 chart)	35.00% (1 chart)	100		
	13 Coastal charts	34.00% (6 charts)	34.00% (6 charts)	100		
	1 EEZ Chart					
	2 General Charts	35.00% (1 chart)	35.00% (1 chart)	100		
	15 Master Charts	30.00% (15 charts)	30.00% (15 charts)	100		
2. Data compilation and Update of Electronic Navigational Charts (ENC)	10 ENCs	35.00% (5 charts)	35.00% (5 charts)	100		
3. Manual correction of printed nautical charts	100% printed nautical charts manually corrected	30.00% (100% printed nautical charts manually corrected)	20.00% (100% (180) printed nautical charts manually corrected)	66.67	Assigned personnel got afflicted by Covid-19 virus that hampered the implemetaion of these activities.	Slippage will be addressed once the affected personnel will be confirmed Covid-19 negative and are certified as fit to go back to work.
4. Reproduction of nautical publications	6,000 nautical charts 2,000 copies (2022 TCTs)					
3. Maritime Publications and Support Services		28.55	27.70	97.02		
1. Promulgation/Publication of Navigational Warnings (NW) or Notices to Mariners (NTM)	NW emailed to NAVAREA XI Coordinator 12 NTMs emailed to clients	33.00% (100% NW/4 NTMs)	33.00% 100% (64) NW/(4) NTMs)	100		
2. Publication of Philippine List of Lights (PLL)	2022 Edition of PLL published	23.30%	23.30%	100		
3. Publication of cumulative list of Notices to Mariners (CLNM)	CLNM published	23.30%	23.30%	100		

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4. Publication of Philippine Coast Pilot (PCP) Book	Vol. II, 7th Edition published	26.67%	26.67%	100	Fieldwork activities were suspended pursuant to NAMRIA Memorandum dated 04 April 2021 suspending official travels/fieldworks due to the imposition of Enhance Community Quarantine.	Fieldwork to be rescheduled within the 1st semester 2021.
5. Compilation of Coast Pilot Manuscript	8th Edition Manuscript compiled	35.20%	29.20%	82.95		
6. Delineation of Municipal Waters (MW)	100% (80 of 80) technical assistance provided	33.20% (100% of LGUs, NGAs)	33.20% (100% (28 LGUs, NGAs)	100		
7. Delineation of International Maritime Zones and Other Maritime Areas	20 internal waters map compiled 2 baseline maps of WPS features	25.20% (6 maps compiled) (4 maps reviewed)	25.20% (6 maps compiled) (4 maps reviewed)	100		
4. Physical Oceanographic Surveys		37.54	31.64	84.28		
1. Maintenance of tide stations - Annual inspection and releveled	50 stations inspected and releveled	12.50% (25 stations)	8.00% (16 stations)	64	Fieldwork activities were suspended pursuant to NAMRIA Memorandum dated 04 April 2021 suspending official travels/fieldworks due to the imposition of Enhance Community Quarantine.	Fieldwork to be rescheduled within the 1st semester 2021.
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)	6.64% (92 % of 50 stations)	6.64% (94 % of 50/47 stations)	100		

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2.2 Establishment of new tide stations	7 tide stations established	1.40% (2 stations)	0.00%	0	Fieldwork activities were suspended pursuant to NAMRIA Memorandum dated 04 April 2021 suspending official travels/fieldworks due to the imposition of Enhance Community Quarantine.	Fieldwork to be rescheduled within the 1st semester 2021.
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 datasets processed					
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 and archiving of sea level and other physical oceanographic data; Updating of tidal datum planes)	1 Database System 100% of downloaded/retrieved months datasets	10.00%	10.00%	100		
4.2 Preparation of Tide and Current Tables (TCTs) - Tide & Current Prediction manuscript	1 manuscript	5.00%	5.00%	100		
- Quality Control	1 manuscript	2.00%	2.00%	100		
- Printing	2,000 copies					
4.3 Provision of tidal information - Updating of tidal information on nautical charts - Provision and certification of oceanographic information	7 Nautical charts 95% of requests acted upon		(23 Nautical charts) (23 clients)			

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Program: Topographic Mapping and Geodetic Network						
1. Large-scale Mapping		16.82	16.78	99.76		
a. Production of new series large-scale orthoimages and topographic base maps at scale 1:4,000	360 mapsheets	25.00% (Contract awarded and Notice to Proceed issued)	25.00% (Contract awarded and Notice to Proceed issued)	100		
b. Unified Mapping						
b.1 Updating and cartographic enhancement of large-scale 1:10,000 topographic maps	1,500 mapsheets	10.00% (Contract awarded and Notice to Proceed issued)	10.00% (Contract awarded and Notice to Proceed issued)	100		
b.2 Quality assessment of 2020 outsourced line maps	1,800 mapsheets	10.20% (data evaluation)	10.20% (data evaluation)	100		
b.3 Large-scale (1:10,000) topographic database management and cartographic enhancement						
a. Topographic databasing	300 mapsheets	7.67% (115 map sheets)	7.67% (115 map sheets)	100		
b. Cartographic enhancement	55 mapsheets	5.19% (map layout, cartographic editing, field verification)	4.75% (map layout, cartographic editing, field verification)	91.52	Fieldwork activities were suspended pursuant to NAMRIA Memorandum dated 04 April 2021 suspending official travels/fieldworks due to the imposition of Enhance Community Quarantine.	Fieldwork to be rescheduled within the 1st semester 2021.
2. Medium and Small Scale Mapping		28.26	28.26	100		
A. Medium scale mapping (1:50,000)						
A.1 In-house (Feature extraction evaluation of vector data and cartographic enhancement)	45 mapsheets	28.35% (quality assessment)	28.35% (quality assessment)	100		
A.2 Contract Out (Feature extraction w/o enhancement)	40 mapsheets	38.13% (Monitoring & evaluation)	38.13% (Monitoring & evaluation)	100		
B. Small Scale Mapping (1:250,000)	5 maps	21.54% (generalization of contours)	21.54% (generalization of contours)	100		
3. Updating of the Philippine Gazetteer		25.16	19.34	76.87		
A. Topographic Database Mapping	24 mapsheets	25.37% (vector data editing)	25.37% (vector data editing)	100		
B. Updating of the Philippine Gazetteer Project	Geographic Names Geospatial Database uploaded/encoded with 11 provinces	24.95% (data processing & field data gathering & verifict'n)	13.33% (data processing & field data gathering & verifict'n)	53.43	Fieldwork activities were suspended pursuant to NAMRIA Memorandum dated 04 April 2021 suspending official travels/fieldworks due to the imposition of Enhance Community Quarantine.	Fieldwork to be rescheduled within the 1st semester 2021.

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4. Administrative Mapping		36.50	34.50	94.52		
	12 maps (7 provincial; 5 regional)	36.50% (carto enhancement, field verification)	34.50% (carto enhancement, field verification)	94.52	Fieldwork activities were suspended pursuant to NAMRIA Memorandum dated 04 April 2021 suspending official travels/fieldworks due to the imposition of Enhance Community Quarantine.	Fieldwork to be rescheduled within the 1st semester 2021.
5. Map Printing and Reproduction		32.50	29.50	87.50		
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	32.50% (48 sets of maps/charts color separated; 17 sets of maps/charts printed)	29.50% (42 sets of maps/charts color separated; 17 sets of maps/charts printed)	87.50	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)		41.00	22.50	54.88		
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	8.00% (4 sites)	5.00% (1 site)	62.50	Fieldwork activities were suspended pursuant to NAMRIA Memorandum dated 04 April 2021 suspending official travels/fieldworks due to the imposition of Enhance Community Quarantine.	Fieldwork to be rescheduled within the 1st semester 2021.
3. Maintenance of AGS	52 AGS (Outsource)	6.50% (15 AGS)	3.50% (5 AGS)	53.85	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% (Prep. of travel documents)	40	Fieldwork activities were suspended pursuant to NAMRIA Memorandum dated 04 April 2021 suspending official travels/fieldworks due to the imposition of Enhance Community Quarantine.	Fieldwork to be rescheduled within the 1st semester 2021.
6. Releveling of BMs	620 kms (Outsource)	2.00% (Prep. of bidding documents)	2.00% (Prep. of bidding documents)	100		
	100 kms (In-house)	5.50% (70 kms)	2.00% (Prep. of travel documents)	36.36	Fieldwork activities were suspended pursuant to NAMRIA Memorandum dated 04 April 2021 suspending official travels/fieldworks due to the imposition of Enhance Community Quarantine.	Fieldwork to be rescheduled within the 1st semester 2021.

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7. Densification of gravity stations and GCP maintenance	800 GS	5.00% (300 GS)	3.00% (100 GS)	60	Fieldwork activities were suspended pursuant to NAMRIA Memorandum dated 04 April 2021 suspending official travels/fieldworks due to the imposition of Enhance Community Quarantine.	Fieldwork to be rescheduled within the 1st semester 2021.
	100 GCPs	6.00% (50 GCPs)	2.00% (Prep. of travel documents)	33.33	Fieldwork activities were suspended pursuant to NAMRIA Memorandum dated 04 April 2021 suspending official travels/fieldworks due to the imposition of Enhance Community Quarantine.	Fieldwork to be rescheduled within the 1st semester 2021.
8. Uploading to NGIMS of Geodetic Reference datasets	3 AGS 137 GCPs					
Program: Resource Assessment and Mapping						
1. Forestland Evaluation and Mapping		34.75	34.75	100		
Land Classification of Unclassified Public Forest (UPF) areas	8 preliminary maps of UPF sites	34.75% (3 prov'l LC map assessed & databased)	34.75% (3 prov'l LC map assessed & databased)	100		
2. Land Cover Mapping		24.00	24.00	100		
	18 provinces	24.00% (18 provinces pre-processed)	24.00% (18 provinces pre-processed)	100		
3. Coastal Resource Mapping and Assessment		33.00	33.00	100		
	12 provinces	33.00% (6 provs prelim mapped & image validated)	33.00% (6 provs prelim mapped & image validated)	100		
4. ENR Data Integration (Geospatial Data Integration)		34.50	34.50	100		
	10 provinces	34.50% (5 provs prelim mapped and processed)	34.50% (5 provs prelim mapped and processed)	100		
5. Participatory Mapping of Existing Land Uses		20.00	20.00	100		
	1 province	20.00% (1 province data gathered)	20.00% (1 province data gathered)	100		

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Program: Geospatial Information System Management						
1. Information System Development & Maintenance		15.00	15.00	100		
1. System Analysis	4 Systems	10.50% (4 systems)	10.50% (4 systems)	100		
2. System Design	4 Systems	2.50% (1 system)	2.50% (1 system)	100		
3. Application Development	4 Applications					
4. System Implementation	4 Systems					
5. System Maintenance	33 Systems	2.00% (1 system)	2.00% (1 system)	100		
2. Geospatial Database Development & Maintenance		26.32	26.32	100		
1. Database design	3 Database	18.00% (3 database)	18.00% (3 database)	100		
2. Database Buildup	2 Database buildup	5.00% (1 database)	5.00% (1 database)	100		
3. Database maintenance	1 Database	3.32% (1 database)	3.32% (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		31.55	31.55	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		

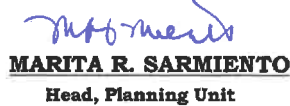
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2. Information dissemination and documentation	2 IEC campaign/webinar conducted 100% tour of facilities requests served 1 map and technology exhibit 100% requests served for photo and video documentation	9.70% (1 IEC campaign/webinar)	9.70% (2 IEC campaign/webinar)	100		
3. Geomatics Training	100% regular/special/MOA-based/on-line training programs conducted	7.75% (100% regular/special/MOA-based/on-line)	7.75% (100% (3) reg./special/MOA-based/on-line)	100		
4. Client Services	2020 NGTC Training Report submitted 100% clients served 6 Reports submitted 12 Monthly Sales Reports submitted 2020 MSO Sales Report submitted	(1 Training Report) 9.60% (100% clients served) (4 Reports) (4 Sales Reports) (2020 MSO Sales Report)	(1 Training Report) 9.60% (100% (2,176) clients) (4 Reports) (4 Sales Reports) (2020 MSO Sales Report)	100		
4. Information and Communications Technology Resource Management		32.11	31.82	99.10		
1. Maintenance of computer system	1 Updated list of ICT equipment 100% of computer systems (556) maintained semestrally A minimum of 95% operational monthly	15.86% (417 computer systems) (=>95% operational)	15.57% (401 computer systems) (99.99% operational)	98.17	Slippage due to one week lockdown in HB and Main office respectively resulting to disruption of work/activities.	Slippage will be addressed by the end of 2nd quarter.
2. Network/Datacenter Maintenance and Administration	1 Network system operational at a minimum of 95% monthly	13.32% (=>95% operational)	13.32% (99.73% operational)	100		
3. ICT Research and Analysis - Technology case study for NAMRIA Deployment and Utilization	1 Case Study	1.25%	1.25%	100		
- ICT Resource Management Information System (ICTRM IS) Maintenance	1 ICTRM IS	1.68%	1.68%	100		

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