

National Mapping and Resource Information Authority
Physical Performance Report
As of July 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 Fourth Quarter, FY 2021
	FY 2021 (Annual)	July 1-31 (Third Quarter)	As of July 31, 2021			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
1. Hydrographic Surveys		47.98	42.48	88.54		
A. Hydrographic surveys of the Philippine Waters						
1. Survey planning	10 Field Project Instructions (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 (EEZ)	West Philippine Sea/Moro Gulf (4,000 sqkm)	0.66% (Smooth sheet of bathy data acquired)	0.00%	0	There is no big ship available for survey as repairs are ongoing.	Deployment of either BRPH PRESBITERO or BRPH VENTURA, whichever is available, once ongoing repairs are completed and when weather and sea conditions in the survey area are favorable.
b. Archipelagic Waters/Sealanes (AW)	Tayabas Bay-Ragay Gulf-Sorsogon Bay	-	-			
c. Ports and Harbors (P & H)	8 PH	5.50% (6 P&H)	4.92% (3 P&H)	89.45	Deployment started in 14 May 2021.	Fieldwork activities are ongoing.
d. Data Quality Control	4,000 sq km of EEZ	0.50% (4,000 sq km of EEZ)	0.50% (4,000 sq km of EEZ)	100		
	5,000 sq km of AW	-	-			
	8 P&H areas	2.50% (5 P&H areas)	2.50% (5 P&H areas)	100		
B. Maintenance and Operation of Magnetic Observatory						
1. Field geomagnetic observation of magnetic repeat stations (MRS)	21 MRS	5.47% (17 MRS)	3.22% (10 MRS)	58.87	Deployment started in 14 May 2021.	Fieldwork activities are ongoing.
2. Continuous geomagnetic data acquisition	7776 hourly values of geomagnetic data	2.66% (4,536 hourly values)	2.69% (4,594 hourly values)	100		
3. Absolute magnetic observation at	96 absolute magnetic observations	0.91%	0.91%	100		

National Mapping and Resource Information Authority
Physical Performance Report
As of July 31, 2021

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 Fourth Quarter, FY 2021
	FY 2021 (Annual)	July 1-31 (Third Quarter)	As of July 31, 2021			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
magnetic observatory 4. Maintenance of MRS	1 FY 2022 PM Plan; 100% timely implementation	(56 observations) 1.19% (100% timely implemented)	(56 observations) 1.19% (100% timely implemented)	100		
C. Maintenance and operation of survey vessels	(BRPHs VENTURA; PRESBITERO; HIZON; PALMA Single Beam Skiff; Land-based systems)	17.64%	17.64%	100		
1. Platform availability/deployment	1 Platform available on scheduled survey (Big ship; Catamaran ship; Single Beam Skiff)	3.01%	1.00%	33.22	Both big vessels are under repair.	Big ship will be available once the ongoing repairs are completed.
D. Client management	95% of clients requests addressed timely	2.94% (95% [231] clients addressed timely)	2.94% (95% [231] clients addressed timely)	100		
2. Nautical Charting		50.32	50.13	99.62		
1. Data compilation and/or enhancement of nautical charts	8 Harbor charts	71.25% (8 charts)	71.25% (8 charts)	100		
	2 Approach charts	61.50% (2 charts)	61.50% (2 charts)	100		
	13 Coastal charts	61.50% (13 charts)	61.50% (13 charts)	100		
	1 EEZ Chart	25.00% (1 chart)	25.00% (1 chart)			
	2 General Charts	61.50% (2 charts)	61.50% (2 charts)	100		
	15 Master Charts	60.00% (15 charts)	60.00% (15 charts)	100		
2. Data compilation and Update of Electronic Navigational Charts (ENCs)	10 ENCs	61.50% (10 charts)	61.50% (10 charts)	100		
3. Manual correction of printed nautical charts	26 paper nautical charts 15 paper nautical charts for Master Chart 100% [900] printed nautical charts manually corrected	60.00% (16 paper nautical charts) (9 Master Charts) (100% [540] printed nautical charts manually corrected)	57.70% (15 paper nautical charts) (9 Master Charts) (100% [540] printed nautical charts manually corrected)	96.17	No chart plots were available for review.	The target paper nautical charts for review and quality control will be accomplished at the end of the year.

National Mapping and Resource Information Authority
Physical Performance Report
As of July 31, 2021

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 Fourth Quarter, FY 2021
	FY 2021 (Annual)	July 1-31 (Third Quarter)	As of July 31, 2021			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
4. Reproduction of nautical publications	6,000 nautical charts 2,000 copies (2022 TCTs)	23.00% (1,380 nautical charts) (460 copies of TCTs)	23.00% (1,380 nautical charts) (460 copies of TCTs)	100		
3. Maritime Publications and Support Services		50.90	50.90	100		
1. Promulgation/Publication of Navigational Warnings (NW) or Notices to Mariners (NTMs)	NW emailed to NAVAREA XI Coordinator 12 NTMs emailed to clients	58.40% (100% NW/7 NTMs)	58.40% 100% [122] NW/[7] NTMs)	100		
2. Publication of Philippine List of Lights (PLL)	2022 Edition of PLL published	40.80%	40.80% (Manuscript updated with 56 light corrections from January to June 2021 NTMs)	100		
3. Publication of Cumulative List of Notices to Mariners (CLNM)	CLNM published	40.80%	40.80% (Manuscript updated with 44 chart correction notices from January to June 2021 NTMs)	100		
4. Publication of Philippine Coast Pilot (PCP) Book	Volume II, 7th Edition published	51.00%	58.00%	100		
5. Compilation of Coast Pilot Manuscript	8th Edition Manuscript compiled	51.30%	51.30%	100		
6. Delineation of Municipal Waters (MW)	100% (80 of 80) technical assistance provided	58.30% (100% of LGUs, NGAs assistance provided)	58.30% (100% [50] LGUs, NGA assistance provided)	100		
7. Delineation of International Maritime Zones and Other Maritime Areas	20 internal waters map compiled 2 baseline maps of WPS features	55.70% (12 internal waters map compiled) (1 baseline map compiled) (10 internal waters map and 1 baseline map reviewed)	55.70% (12 internal waters map compiled) (1 baseline map compiled) (10 internal waters map and 1 baseline map reviewed)	100		

National Mapping and Resource Information Authority
Physical Performance Report
As of July 31, 2021

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 Fourth Quarter, FY 2021
	FY 2021 (Annual)	July 1-31 (Third Quarter)	As of July 31, 2021			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
4. Physical Oceanographic Surveys		62.23	62.23	100		
1. Maintenance of tide stations - Annual inspection and releveling	47 stations inspected and relevelled	18.08% (34 stations)	22.87% (43 stations)	100		
2. Acquisition of physical oceanographic data						
2.1 Operation of tide stations (Sea-level measurements, downloading of tidal data, and temperature, density and salinity measurements)	92% of total number of tide stations (50)	11.65% (92 % of 50 stations)	11.65% (94 % of 50 stations [47])	100		
2.2 Establishment of new tide stations	7 tide stations established					
3. Data processing, analysis and prediction						
3.1 Processing of physical oceanographic data (Tidal data from tide stations, temperature, density and salinity)	100% of downloaded/retrieved datasets processed	12.50% (100% of downloaded/retrieved month datasets processed)	12.50% (100% of downloaded/retrieved month datasets processed)	100		
4. Oceanographic data management						
4.1 Updating and maintenance of National Oceanographic Data Center (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 month datasets	10.00% (100% of downloaded/retrieved and processed datasets)	10.00% (100% of downloaded/retrieved and processed datasets)	100		
4.2 Preparation of Tide and Current Tables (TCTs)						
- Tide and Current Prediction manuscript	1 manuscript	5.00% (1 Manuscript)	5.00% (1 Manuscript)	100		
- Quality Control	1 manuscript	2.00%	2.00%	100		

National Mapping and Resource Information Authority
Physical Performance Report
As of July 31, 2021

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 Fourth Quarter, FY 2021
	FY 2021 (Annual)	July 1-31 (Third Quarter)	As of July 31, 2021			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
- Printing	2,000 copies	(1 Manuscript) 3.00% (2,000 copies of TCTs)	(1 Manuscript) 3.00% (2,000 copies of TCTs)	100		
4.3 Provision of tidal information						
- Updating of tidal information on nautical charts	41 Nautical charts		(36 Nautical charts)			
- Provision and certification of oceano- graphic information	100% of requests acted upon		(37 clients)			
Program: Topographic Mapping and Geodetic Network						
1. Large-Scale Mapping		24.70	24.70	100		
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 [NTP] issued)	52.70% (Contract awarded and NTP; initial enhanced orthoimage mosaic and acquired Very High Resolution Satellite Imageries for the City of Baguio and Urban areas in Benguet Province; Iligan City and Lanao del Norte	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 NTP issued)	15.25% (Contract awarded and NTP issued; Orthoimages from VHRSI processed)	100		
b.2 Quality assessment of 2020 outsourced line maps	1,800 mapsheets	23.40% (data evaluation; attribute validation and verification)	23.40% (data evaluation; attribute validation and verification)	100		
b.3 Large-scale (1:10,000) topographic						

National Mapping and Resource Information Authority
Physical Performance Report
As of July 31, 2021

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 Fourth Quarter, FY 2021
	FY 2021 (Annual)	July 1-31 (Third Quarter)	As of July 31, 2021			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
database management and cartographic enhancement a. Topographic databasing b. Cartographic enhancement	300 mapsheets 55 mapsheets	13.33% (200 map sheets) 11.78% (31 map sheets cartographic edited; 22 map sheets inspected)	13.33% (200 map sheets) 11.78% (31 map sheets cartographic edited; 22 map sheets inspected)	100 100		
2. Medium-and Small-Scale Mapping		60.12	60.12	100		
A. Medium-Scale Mapping (1:50,000) A.1 In-house (Feature extraction evaluation of vector data and cartographic enhancement) A.2 Contract Out (Feature extraction without enhancement) B. Small-Scale Mapping (1:250,000)	45 mapsheets 40 mapsheets 5 maps	60.82% (18 cartographically enhanced draft maps; 24 maps for mass production) 66.05% (9 Progress Reports) 55.00% (Symbolization and cartographic editing)	60.82% (18 cartographically enhanced draft maps; 24 maps for mass production) 66.05% (9 Progress Reports) 55.00% (Symbolization and cartographic editing)	100 100 100		
3. Updating of the Philippine Gazetteer		57.44	53.50	93.14		
A. Topographic Database Mapping B. Updating of the Philippine Gazetteer Project	24 mapsheets Geographic Names Geospatial Database uploaded/encoded with 11 provinces	56.32% (13 maps) 58.55% (8 provinces)	62.86% (15 maps) 50.68% (6 provinces)	100 86.56	Fieldwork activities were rescheduled due to accident (fractured hand) of one (1) team leader from previous fieldwork.	Fieldwork activities are ongoing.
4. Administrative Mapping		71.00	64.00	90.14		
	12 maps (7 provincial; 5 regional)	71.00% (cartographic enhancement, field verification, updating/final editing)	64.00% (cartographic enhancement, field verification)	90.14	Field verification and completion were rescheduled on the third quarter of 2021 to coincide with the Updating of the Philippine Gazetteer field data collection and in order to maximize staff utilization.	Field verification and completion will be conducted on the Third quarter of 2021.

National Mapping and Resource Information Authority
Physical Performance Report
As of July 31, 2021

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 Fourth Quarter, FY 2021
	FY 2021 (Annual)	July 1-31 (Third Quarter)	As of July 31, 2021			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
5. Map Printing and Reproduction		45.50	45.50	100		
1. Printing and reprinting of topographic maps, administrative maps, and nautical charts	80 maps/charts printed Special Publications: 5,000 sheets Centennial Calendar 3,000 pamphlets 2022 Planner	45.50% (48 sets of maps/charts color separated; 17 sets of maps/charts printed; 5,000 sheets Centennial Calendar printed)	50.00% (57 sets of maps/charts color separated; 17 sets of maps/charts printed; 5,000 sheets Centennial Calendar printed)	100		
6. Modernization of the Philippine Geodetic Reference System (PGRS)		66.50	54.31	81.67		
1. Establishment of Active Geodetic Stations (AGS)	3 AGS (Outsourced)	1.00% (Preparation of bidding documents)	1.00% (Preparation of bidding documents)	100		
2. AGS Site selection	6 Sites	10.00% (6 sites)	10.00% (6 sites)	100		
3. Maintenance of AGS	52 AGS (Outsourced)	11.00% (30 AGS)	6.50% (15 AGS)	59.09	Delayed implementation of contract due to voluminous number of outsourced projects.	Monitoring of contract implementation for continuous conduct of activities for the project.
4. Geodetic Control Points (GCPs) re-observation	135 GCPs	10.00% (135 GCPs)	10.00% (135 GCPs)	100		
5. Validation of Philippine Geoid Model	100 GCPs	7.50% (70 GCPs)	3.50% (20 GCPs)	46.67	Fieldwork activities were deferred due to COVID-19 quarantine of project personnel.	Rescheduled fieldwork in August and October 2021.
6. Releveling of Benchmarks (BMs)	620 kms (Outsourced)	2.00% (Preparation of bidding documents)	2.00% (Preparation of bidding documents)	100		
	100 kms (In-house)	7.00% (100 kms)	5.26% (67 kms)	75.14	Fieldwork activities were deferred due to COVID-19 quarantine of project personnel.	Fieldwork rescheduled in September 2021.
7. Densification of Gravity Stations (GS) and GCP maintenance	800 GS	8.00% (600 GS)	6.05% (405 GS)	75.62	Fieldwork was rescheduled due to COVID-19 infections.	Fieldwork activities were adjusted from August 2021 until the succeeding months to catch up with the target.

National Mapping and Resource Information Authority
Physical Performance Report
As of July 31, 2021

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 Fourth Quarter, FY 2021
	FY 2021 (Annual)	July 1-31 (Third Quarter)				
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
8. Uploading to NAMRIA Geospatial Information Management System (NGIMS) of Geodetic Reference datasets	100 GCPs 3 AGS 137 GCPs	10.00% (100 GCPs)	10.00% (100 GCPs)	100		
Program: Resource Assessment and Mapping						
1. Forestland Evaluation and Mapping		63.50	63.50	100		
Land Classification of Unclassified Public Forest (UPF) areas	8 preliminary maps of UPF sites	63.50% (4 provincial LC maps accuracy assessed and databased)	63.50% (4 provincial LC maps accuracy assessed and databased)	100		
2. Land Cover Mapping		42.19	42.19	100		
	18 preliminary land cover maps	42.19% (18 provinces preliminary data analysed; 5 provinces accuracy assessed)	42.19% (18 provinces preliminary data analysed; 5 provinces accuracy assessed)	100		
3. Coastal Resource Mapping and Assessment		70.00	70.00	100		
	12 preliminary coastal resource maps	70.00% (12 provinces accuracy assessed and image validated)	70.00% (12 provinces accuracy assessed and image validated)	100		
4. ENR Data Integration (Geospatial Data Integration)		58.50	58.50	100		
	10 index and integrated maps of Geospatial ENR Datasets	58.50% (9 provinces preliminary mapped and processed; 5 provinces final mapped and databased)	58.50% (9 provinces preliminary mapped and processed; 5 provinces final mapped and databased)	100		

National Mapping and Resource Information Authority
Physical Performance Report
As of July 31, 2021

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 Fourth Quarter, FY 2021
	FY 2021 (Annual)	July 1-31 (Third Quarter)	As of July 31, 2021			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
5. Participatory Mapping of Existing Land Uses		65.00	65.00	100		
	1 Existing land use map	65.00% (1 province field validated)	65.00% (1 province field validated)	100		
Program: Geospatial Information System Management						
1. Information System Development & Maintenance		48.50	48.50	100		
1. System Analysis	5 Systems	11.50% (5 systems)	11.50% (5 systems)	100		
2. System Design	4 Systems	10.00% (4 systems)	10.00% (4 systems)	100		
3. Application Development	5 Applications	6.50% (3 systems)	6.50% (3 systems)			
4. System Implementation	5 Systems					
5. System Maintenance	33 Systems	20.50% (33 systems)	20.50% (33 systems)	100		
2. Geospatial Database Development & Maintenance		66.81	66.81	100		
1. Database Design	3 Databases	30.00% (3 databases)	30.00% (3 databases)	100		
2. Database Buildup	2 Database buildup	11.00% (1 database)	11.00% (1 database)	100		
3. Database maintenance	1 Database	5.81% (1 databasc)	5.81% (1 database)	100		
4. Research and Analysis of existing geospatial databases	Research and Analysis Report	5.00% (1 Report)	5.00% (1 Report)	100		
5. LGU GIS Capability Assessment	Assessment Report	10.00% (1 Report)	10.00% (1 Report)	100		
6. Technical Support (Training and other technical support)	Technical Support Report	5.00% (1 Report)	5.00% (1 Report)	100		

National Mapping and Resource Information Authority
Physical Performance Report
As of July 31, 2021

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 Fourth Quarter, FY 2021
	FY 2021 (Annual)	July 1-31 (Third Quarter)	As of July 31, 2021			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
3. Geospatial Information Services and Production of NAMRIA Information, Education, and Communication (IEC) Materials		54.70	54.70	100		
1. Media Production and Packaging	4 NAMRIA IEC materials published 100% events covered through published NAMRIA Newscoop (NN)	14.00% (3 NAMRIA IEC materials) (100% events covered through Newscoop)	14.00% (3 NAMRIA IEC materials) (100% [19] 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	11.80% (1 IEC campaign/webinar) (1 map and technology exhibit) (100% requests for photo and video documentation)	19.75% (2 IEC campaign/webinar) (1 virtual tour of facilities) (1 map and technology exhibit) (100% [4] photo and [9] video documentation)	100		
3. Geomatics Training	100% regular/special/MOA-based/online training programs conducted 2020 NGTC Training Report submitted	13.50% (100% regular/special/MOA-based/online) (1 Training Report)	13.50% (100% [11] regular/special/MOA-based/online) (1 Training Report)	100		
4. Client Services	100% clients served 6 Reports submitted 12 Monthly Sales Reports submitted 2020 MSO Sales Report submitted 4 MSO Inventory Report submitted	15.40% (100% clients served) (4 Reports) (7 Sales Reports) (2020 MSO Sales Report) (2 MSO Inventory Reports)	15.40% (100% (3,893) clients) (4 Reports) (7 Sales Reports) (2020 MSO Sales Report) (2 MSO Inventory Reports)	100		
4. Information and Communications Technology (ICT) Resource Management		55.90	55.90	100		
1. Maintenance of computer system	1 Updated list of ICT equipment 100% of computer systems (556) maintained semestrally A minimum of 95% operational monthly	27.13% (695 computer systems) (=>95% operational)	28.07% (747 computer systems) (99.99% operational)	100		
2. Network/Datacenter Maintenance and Administration	1 Network system operational at a minimum of 95% monthly	23.33% (=>95% operational)	23.33% (99.71% operational)	100		
3. ICT Research and Analysis						

National Mapping and Resource Information Authority
Physical Performance Report
 As of July 31, 2021

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 Fourth Quarter, FY 2021
	FY 2021 (Annual)	July 1-31 (Third Quarter)				
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
- Technology case study for NAMRIA Deployment and Utilization - ICT Resource Management Information System (ICTRMIS) Maintenance	1 Case Study	2.50% (Abstract; Data gathering)	2.50% (Abstract; Data gathering)	100		
	1 ICTRMIS	2.94%	2.94%	100		

APPROVED BY:

Certified Correct By:


Usec. PETER N. TIANGCO, PhD, CESO I
 Department/Agency Head


XENIA R. ANDRES
 OIC, Planning Unit


NOEL R. VEGA
 Head, Finance Unit