

National Mapping and Resource Information Authority
Physical Performance Report
As of August 31, 2020

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 2020
	FY 2020 (Annual)	August 1-31 (Third Quarter)	As of August 31, 2020			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
1. Hydrographic Surveys		66.13	51.06	77.21		
1. Archipelagic Waters/Sealanes	4,000 sq km (4,500 km sounding lines) (Mindoro/Panay Gulf/Sibuyan Sea/Sulu Sea)	60.00% (FPI; Field survey deployment)	60.00% (6,631.6 sq km/4,568.76 km sounding lines)			
2. Ports and Harbors	3 Ports and Harbors (Subic Bay Freeport Zone; Manila North Harbor; Manila South Harbor/Pag-asa Is. Ext.)	26.00% (3 P & H)	10.81% (3 P & H)		On-going coordination with offices to be affected with the survey. (Quarantine protocols in NCR hinders coordination and travel).	To be accomplished not later than 11 September 2020.
3. Quality Control of Bathymetric Data	11 Bathymetric Data	100.00% (11 bathymetric data)	90.91% (9 bathymetric data)		Summary of QC findings and Memorandum to be finalized on or before the 1st week of August	Target delivery on the third week of September 2020.
4. Maintenance and operation of survey vessels	4 survey vessels; 2 motor launches; 11 survey skiffs (3 Multi beam echo sounder (MBES); 8 Single beam echo sounder (SBES))	70.00% (Ventura & Presbitero=35%; Palma & Hizon=14%; 2 ML=7%; 11 skiffs=14%;)	50.00% (Ventura & Presbitero=15%; Palma & Hizon=14%; 2 ML=7%; 11 skiffs=14%;)		Ventura: Seaworthy since June 2020 Presbitero: On-going and pending major repairs. Palma: Seaworthy Hizon: Main engine limited operation (not recommended for long navigation)	
5. Maintenance and Operation of Magnetic Observatory						
- Continuous geomagnetic data acquisition	7,320 hourly values per year	28.00% (5,124 hourly values)	28.00% (5,124 hourly values)			
- Magnetic Repeat Stations (MRS) survey	5 sets of magnetic information from MRS survey	40.00% (5 MRS)	8.89% (2 MRS)		Execution of MRS survey of Zamboanga, Tawi-tawi and General Santos were delayed due to various travel restrictions.	Field survey was rescheduled by September 2020.
- Absolute magnetic observation at magnetic observatory	96 absolute information per year	6.67% (64 abs magnetic obsn)	7.71% (74 abs magnetic obsn)			
- Isogonic chart publication	1 printed Isogonic Chart					
2. Nautical Charting		48.27	46.27	95.86		
1. Data compilation and/or enhancement of nautical charts	8 Harbor charts	62.50% (8 charts)	62.50% (8 charts)			
	2 Approach charts	40.00% (2 charts)	40.00% (2 charts)			
	13 Coastal charts	65.00% (13 charts)	65.00% (13 charts)			

National Mapping and Resource Information Authority
Physical Performance Report
As of August 31, 2020

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 2020
	FY 2020 (Annual)	August 1-31 (Third Quarter)	As of August 31, 2020			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
2. Data compilation and Update of Electronic Navigational Charts (ENC)	1 EEZ Chart	40.00%	40.00%		The personnel assigned are immunocompromised. Furthermore, the latest mass printed nautical charts doesn't need any corrections. Slippage will be addressed by October 2020.	
3. Manual correction of printed nautical charts	2 General Charts	70.00% (2 charts)	70.00% (2 charts)			
4. Reproduction of nautical publications	15 Master Charts	52.00% (15 charts)	52.00% (15 charts)			
	10 ENCs compiled and updated	70.00% (10 charts)	72.00% (10 charts)			
	2,000 charts	51.67% (1,080 charts)	43.67% (600 charts)			
	6,000 nautical charts 2,000 copies (2021 TCTs)	16.50% (2,000 nautical charts)	16.50% (2,000 nautical charts)			
3. Maritime Publications and Support Services		58.45	58.45	100		
1. Publication of Navigational Warnings (NW) or Notices to Mariners (NTM)	NW emailed to NAVAREA XI Coordinator	66.70%	58.40%			
2. Publication of Philippine List of Lights (PLL)	12 NTMs emailed to clients	(100% NW/8 NTMs)	100% (106 NW/(8) NTMs)			
3. Publication of Philippine Coast Pilot (PCP) Book	2021 Edition of PLL published	44.00%	44.00%			
4. Delineation of municipal waters (MW)	Vol. II 7th Edition published	56.50%	56.50%			
	50 out of 50 (100%) coastal LGUs, NGAs and other stakeholders provided tech'l assistance	66.60% (100% of LGUs, NGAs)	66.60% (100% (44 LGUs, NGAs)			
4. Physical Oceanographic Surveys		44.64	32.12	71.95		
1. Maintenance of tide stations - Annual inspection and releveled	50 stations inspected and releveled	16.00% (32 stations)	3.50% (7 stations)		Authority to conduct fieldwork activities from DENR Secretary received only on the third week of August 2020.	To prepare the necessary travel documents for the fieldwork activities.
2. Acquisition of physical oceanographic data						
2.1 Operation of tide stations (Sea level measurements, downloading of tidal data, and temperature, density & salinity measurements)	50 stations	16.64% (50 stations)	16.62% (45 stations)		Operation of Mariveles Tide Station was temporarily suspended due to port development. Calapan, Limay, San Jose and Bulan tide stations stopped operation due to problem on instruments.	Operation will resume once the development of the port is completed. Repairs will be done as soon as spare tide gauge will be available and respective LGUs GCQ protocols will allow.

National Mapping and Resource Information Authority
Physical Performance Report
As of August 31, 2020

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 2020
	FY 2020 (Annual)	August 1-31 (Third Quarter)	As of August 31, 2020			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
3. Data processing, analysis & prediction 3.1 Processing of physical oceanographic data						
4. Oceanographic data management 4.1 Updating and maintenance of NODC						
4.2 Preparation of Tide and Current Tables (TCTs) - Tide & Current Prediction manuscript	1 manuscript	10.00% (1 Manuscript)	10.00% (1 Manuscript)			
- Quality Control	1 manuscript	2.00% (1 Manuscript)	2.00% (1 Manuscript)			
- Printing	2,000 copies					
4.3 Provision of tidal information - Updating of tidal information on nautical charts	41 Nautical charts					
- Provision and certification of oceanographic information	100% of requests acted upon					
Program: Mapping and Geodesy						
1. Large-scale Mapping		37.58	37.58	100		
a. Production of New-Series Large-Scale topographic base maps at 1:4,000 scale	360 mapsheets	25.00%	63.50%			
b. Unified Mapping b.1 Feature extraction for production of updated large-scale 1:10,000 topographic maps	1,800 mapsheets	50.00%	81.50% (1,279 map sheets)		On-going random evaluation of delivered project outputs from Contractors.	
b.2 Quality assessment of 2019 outsourced line maps	1,200 mapsheets	52.50%	52.50%			

National Mapping and Resource Information Authority
Physical Performance Report
As of August 31, 2020

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 2020
	FY 2020 (Annual)	August 1-31 (Third Quarter)	As of August 31, 2020			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
b.3 Large-scale (1:10,000) topographic database management and cartographic enhancement						
a. Topographic databasing	106 mapsheets	51.60% (60 map sheets)	51.60% (60 map sheets)			
b. Cartographic enhancement	45 mapsheets	44.25%	44.25%			
2. Medium and Small Scale Mapping		56.11	55.84	99.52		
A. Medium scale mapping (1:50,000)						
A.1 In-house (Feature extraction evaluation of vector data and cartographic enhancement)	30 mapsheets	53.74%	53.54%		NAMRIA was locked down from 29 July to 12 August 2020 due to COVID-19 infection of an employee.	Slippage will be addressed by the end of September 2020.
A.2 Contract Out (Feature extraction w/o enhancement)	45 mapsheets	68.10%	68.10%			
B. Small Scale Mapping (1:250,000)	4 maps	52.07%	51.47%		NAMRIA was locked down from 29 July to 12 August 2020 due to COVID-19 infection of an employee.	Slippage will be addressed by the end of September 2020.
3. Updating of the Philippine Gazetteer		57.39	57.39	100		
A. Topographic Database Mapping	30 mapsheets	58.87%	61.65%			
B. Updating of the Philippine Gazetteer Project	1 Geographic Names Geospatial Database uploaded/encoded with 5 provinces	55.90%	56.21%			
4. Administrative Mapping		64.00	64.00	100		
	12 draft maps (7 provincial; 5 regional)	64.00%	64.00%			
5. Map Printing and Reproduction		55.67	55.67	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 2021 Planner 13,000 sheets 2021 Calendar 2,000 books 2021 Tide & Current Tables	55.67% (49 maps/charts printed) (5,000 sheets)	55.67% (49 maps/charts printed) (5,000 sheets)			

National Mapping and Resource Information Authority
Physical Performance Report
As of August 31, 2020

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 2020
	FY 2020 (Annual)	August 1-31 (Third Quarter)	As of August 31, 2020			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
6. Modernization of the Philippine Geodetic Reference System (PGRS)		72.50	70.00	96.55		
1. Establishment of AGS	4 AGS (Outsource)	4.00%	4.00%		Discontinued due to COVID-19	
2. AGS Site selection	1 Site	6.00%	6.00%			
3. Maintenance of AGS	52 AGS	20.00%	20.00%			
4. GCP re-observation	228 GCPs (Outsource)	8.50%	6.00%		Contract has been extended until October 2020	
5. Development of PGD 2020 (Distortion Model)	1 Model	2.00%	2.00%		Discontinued due to COVID-19	
6. IEC Campaign	1 Session	3.00%	3.00%		Discontinued due to COVID-19	
7. Validation of Philippine Geoid Model	50 BMs	8.00%	8.00%		Discontinued due to COVID-19	
8. Releveling of BMs	500 kms (Outsource=450; In-house=50)	13.00%	13.00%			
9. Densification of gravity stations and GCP maintenance	50 GS densified	2.00%	2.00%		Discontinued due to COVID-19	
	250 GCPs maintained	6.00%	6.00%		Discontinued due to COVID-19	
10. Uploading to NGIMS of Geodetic Reference datasets	4 AGS 228 GCPs	(72 GCPs) (72 GCPs)	(72 GCPs) (72 GCPs)			
Program: Resource Assessment and Mapping						
1. Forestland Evaluation and Mapping		60.62	60.62	100		
Land Classification of Unclassified Public Forest (UPF) areas	8 preliminary LC maps	60.62% (6 prelim LC maps prep) (3 prelim LC maps ass'd) (4 UPF uploaded)	60.62% (6 prelim LC maps prep) (3 prelim LC maps ass'd) (4 UPF uploaded)			

National Mapping and Resource Information Authority
Physical Performance Report
As of August 31, 2020

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 2020
	FY 2020 (Annual)	August 1-31 (Third Quarter)	As of August 31, 2020			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
2. Land Cover Mapping		54.01	54.01	100		
	18 provinces	54.01% (18 provs pre-processed) (18 provs data analysed) (2 provs surveyed) (12 provs assessed) (3 prelim maps prepared)	54.01% (18 provs pre-processed) (18 provs data analysed) (2 provs surveyed) (12 provs assessed) (3 prelim maps prepared)			
3. Coastal Resource Mapping and Assessment		61.36	61.36	100		
	14 provinces	61.36% (14 provs pre-processed) (1 prov surveyed) (11 provs assessed) (8 prelim maps prepared)	61.36% (14 provs pre-processed) (1 prov surveyed) (11 provs assessed) (8 prelim maps prepared)			
4. ENR Data Integration (Geospatial Data Integration)		70.20	70.20	100		
	10 provinces	70.20% (10 provs pre-processed) (8 provs data gathered) (8 provs data integrated) (6 prelim maps prepared) (3 prelim maps uploaded)	70.20% (10 provs pre-processed) (8 provs data gathered) (8 provs data integrated) (6 prelim maps prepared) (3 prelim maps uploaded)			
5. Participatory Mapping of Existing Land Uses		61.00	61.00	100		
	5 provinces	61.00% (5 provinces data gathered) (5 provs preliminary classified) (3 provs data integrated) (2 sets of knowledge mat.) (3 provs presented to SH)	61.00% (5 provinces data gathered) (5 provs preliminary classified) (3 provs data integrated) (2 sets of knowledge mat.) (3 provs presented to SH)			

National Mapping and Resource Information Authority
Physical Performance Report
As of August 31, 2020

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 2020
	FY 2020 (Annual)	August 1-31 (Third Quarter)	As of August 31, 2020			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
Program: Geospatial Information System Management						
1. Information System Development & Maintenance		58.50	58.50	100		
1. System Analysis	5 Systems analysed	12.50% (5 systems)	12.50% (5 systems)			
2. System Design	5 Systems designed	11.00% (5 systems)	11.00% (5 systems)			
3. Application Development	4 Applications developed	18.25% (4 systems)	18.25% (4 systems)			
4. System Implementation	4 Systems implemented					
5. System Maintenance	25 Systems maintained	16.75% (25 systems)	16.75% (25 systems)			
2. Geospatial Database Development & Maintenance		71.64	71.64	100		
1. Database Buildup	2 Database buildup	20.00% (2 database)	20.00% (2 database)			
2. Database maintenance	1 Database maintained	6.64% (1 database)	6.64% (1 database)			
3. Database design	4 Database designed	20.00% (4 database)	20.00% (4 database)			
4. LGU GIS Capability Assessment - LGU Capability Assessment Survey	2 Assessment Survey Reports	15.00% (1 Survey Report)	15.00% (1 Survey Report)			
5. Technical support - GIS Training	2 GIS Training Reports	10.00% (1 GIS Training Report)	10.00% (1 GIS Training Report)			
3. Geospatial Information Services and Production of NAMRIA Information, Education, and Communication Materials		43.01	43.01	100		
1. Media Production and Packaging	3 NAMRIA IEC materials published 100% events covered through published NAMRIA Newscoop (NN)	8.75% (2 NAMRIA IEC material) (100% events covered)	8.75% (2 NAMRIA IEC material) 100% (9) Newscoop)			

National Mapping and Resource Information Authority
Physical Performance Report
As of August 31, 2020

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 2020
	FY 2020 (Annual)	August 1-31 (Third Quarter)	As of August 31, 2020			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
2. Information dissemination and documentation	1 IEC campaign/webinar prepared/conducted 1 NAMRIA Virtual Tour Audio-visual presentation (AVP) prepared 100% tour of facilities requests served 1 map and technology exhibit 100% requests served for photo and video documentation	4.90% (100% request served) (1 exhibit) (100% requests acted)	4.90% (100% (7) request served) (1 exhibit) 100% (34) photo and (9) video documentation)			
3. Geomatics Training	100% regular/special/MOA-based training programs conducted 1 PRC Accreditation 2019 NGTC Training Report prepared	12.50% (100% trainings condtd) (1 Report)	12.50% 100% (5) trainings) (1 Report)			
4. Client Services	100% clients served 6 Reports prepared 12 Monthly Sales Reports submitted 2019 MSO Sales Report submitted	16.86% (100% clients served) (4 Reports) (8 Monthly Sales Reports) (2019 MSO Sales Report)	16.86% 100% (3,012) clients) (4 Reports) (8 Monthly Sales Reports) (2019 MSO Sales Report)			
4. Information and Communications Technology Resource Management		64.24	61.29	95.41		
1. Maintenance of computer system	1 Updated list of ICT equipment 100% of computer systems (619) maintained semestrally A minimum of 95% operational monthly	31.72% (929 computer systems) (=>95% operational)	26.52% (746 computer systems) (99.99% operational)			
2. Network/Datacenter Maintenance and Administration	1 Network system operational at a minimum of 95% monthly	26.66% (=>95% operational)	26.66% (99.92% operational)		Slippage was due to GICTD staff were self quarantined as A1 Category.	All preventive maintenance are scheduled in the second semester of 2020.

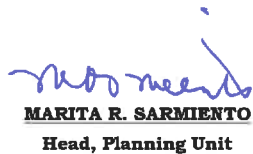
National Mapping and Resource Information Authority
Physical Performance Report
As of August 31, 2020

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 2020
	FY 2020 (Annual)	August 1-31 (Third Quarter)	As of August 31, 2020			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
3. ICT Research and Analysis - Technology case study for NAMRIA Deployment and Utilization - ICT Resource Management Information System (ICTRM IS) Maintenance	1 Case Study	2.50%	2.50%			
	1 ICTRM IS	3.36%	3.36%			
LOCALLY-FUNDED						
NAMRIA Geospatial Data Infrastructure		65.75	65.75	100		
1. System Analysis	3 Systems analyzed	12.00% (3 Systems)	12.00% (3 Systems)			
2. System Design	1 System designed	6.00% (1 System)	6.00% (1 System)			
3. Application Development	2 Applications developed	30.00% (2 Applications)	30.00% (2 Applications)			
4. System Implementation	2 Systems implemented					
5. System Maintenance	5 Systems maintained	1.25% (5 Systems)	1.25% (5 Systems)			
6. Database Maintenance	2 database maintained	16.50% (2 Database)	16.50% (2 Database)			

APPROVED BY:

Certified Correct By:


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


MARITA R. SARMIENTO
Head, Planning Unit


NOEL R. VEGA
Head, Finance Unit