

National Mapping and Resource Information Authority

Physical Performance Report

As of July 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)	July 1-31 (Third Quarter)	As of July 31, 2020			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
1. Hydrographic Surveys		44.23	36.59	82.73		
1. Archipelagic Waters/Sealanes	4,000 sq km (4,500 km sounding lines) (Mindoro/Panay Gulf/Sibuyan Sea/Sulu Sea)	10.00% (FPI; Field survey deployment)	60.00% (4,195.501 sq km/2,858.051 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.)	5.30% (2 P & H)	6.80% (3 P & H)			
3. Quality Control of Bathymetric Data	11 Bathymetric Data	100.00% (11 bathymetric data)	81.81% (9 bathymetric data)		Summary of QC findings and Memorandum to be finalized on or before the 1st week of August	
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))	60.00% (Ventura & Presbitero=30%; Palma & Hizon=12%; 2 ML=6%; 11 skiffs=12%)	40.00% (Ventura & Presbitero=10%; Palma & Hizon=12%; 2 ML=6%; 11 skiffs=12%)		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	24.00% (4,392 hourly values)	24.00% (4,392 hourly values)			
- Magnetic Repeat Stations (MRS) survey	5 sets of magnetic information from MRS survey	16.00% (2 MRS)	16.00% (2 MRS)			
- Absolute magnetic observation at magnetic observatory	96 absolute information per year	5.83% (56 abs magnetic obsn)	6.87% (66 abs magnetic obsn)			
- Isogonic chart publication	1 printed Isogonic Chart					

National Mapping and Resource Information Authority
Physical Performance Report
As of July 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)	July 1-31 (Third Quarter)	As of July 31, 2020			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
2. Nautical Charting		37.46	36.29	96.88		
1. Data compilation and/or enhancement of nautical charts	8 Harbor charts	48.13% (8 charts)	48.13% (8 charts)		The personnel assigned are immunocompromised. Furthermore, the latest mass printed nautical charts doesn't need any corrections. Slight difference in slippage will be addressed in the months to come.	
	2 Approach charts	23.00% (2 charts)	23.00% (2 charts)			
	13 Coastal charts	49.31% (13 charts)	49.31% (13 charts)			
	1 EEZ Chart	23.00%	23.00%			
	2 General Charts	54.50% (2 charts)	54.50% (2 charts)			
	15 Master Charts	40.00% (15 charts)	40.00% (15 charts)			
2. Data compilation and Update of Electronic Navigational Charts (ENC)	10 ENCs compiled and updated	61.50% (10 charts)	65.50% (10 charts)			
3. Manual correction of printed nautical charts	2,000 charts	40.67% (880 charts)	36.00% (600 charts)			
4. Reproduction of nautical publications	6,000 nautical charts 2,000 copies (2021 TCTs)	8.00% (1,000 nautical charts)	8.00% (1,000 nautical charts)			
3. Maritime Publications and Support Services		50.68	50.68	100		
1. Publication of Navigational Warnings (NW) or Notices to Mariners (NTM)	NW emailed to NAVAREA XI Coordinator 12 NTMs emailed to clients	58.40% (NW/7 NTMs)	58.40% 100% (103) NW/(7) NTMs)			
2. Publication of Philippine List of Lights (PLL)	2021 Edition of PLL published	37.50%	37.50%			
3. Publication of Philippine Coast Pilot (PCP) Book	Vol. II 7th Edition published	48.50%	48.50%			
4. Delineation of municipal waters (MW)	50 out of 50 (100%) coastal LGUs, NGAs and other stakeholders provided tech'l assistance	58.30% (100% of LGUs, NGAs)	58.30% (100% (40) LGUs, NGAs)			

National Mapping and Resource Information Authority

Physical Performance Report

As of July 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)	July 1-31 (Third Quarter)	As of July 31, 2020			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
4. Physical Oceanographic Surveys		33.06	26.61	80.49		
1. Maintenance of tide stations - Annual inspection and releveing	50 stations inspected and releveled	8.50% (17 stations)	3.50% (7 stations)		Fieldwork was rescheduled.	Waiting for the approval of Travel Order from DENR Secretary and Rapid Pass from IATF.
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	14.56% (50 stations)	13.11% (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.
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 - Quality Control - Printing	1 manuscript 1 manuscript 2,000 copies	10.00% (1 Manuscript)	10.00% (1 Manuscript)			
4.3 Provision of tidal information - Updating of tidal information on nautical charts - Provision and certification of oceanographic information	41 Nautical charts 100% of requests acted upon					

National Mapping and Resource Information Authority

Physical Performance Report

As of July 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)	July 1-31 (Third Quarter)	As of July 31, 2020			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
Program: Mapping and Geodesy						
1. Large-scale Mapping		33.16	33.16	100		
a. Production of New-Series Large-Scale topographic base maps at 1:4,000 scale	360 mapsheets	25.00% (Contract awarded & Notice to Proceed (NTP) issued)	25.00% (Contract awarded & Notice to Proceed (NTP) issued)			
b. Unified Mapping						
b.1 Feature extraction for production of updated large-scale 1:10,000 topographic maps	1,800 mapsheets	50.00% (Contract awarded & NTP issued)	77.50% (Contract awarded & NTP issued)			
b.2 Quality assessment of 2019 outsourced line maps	1,200 mapsheets	42.50%	42.50%			
b.3 Large-scale (1:10,000) topographic database management and cartographic enhancement						
a. Topographic databasing	106 mapsheets	43.15% (52 map sheets)	43.15% (52 map sheets)			
b. Cartographic enhancement	45 mapsheets	28.25%	28.25%			
2. Medium and Small Scale Mapping		42.15	42.15	100		
A. Medium scale mapping (1:50,000)						
A.1 In-house (Feature extraction evaluation of vector data and cartographic enhancement)	30 mapsheets	39.32%	39.32%			
A.2 Contract Out (Feature extraction w/o enhancement)	45 mapsheets	59.09%	59.09%			
B. Small Scale Mapping (1:250,000)	4 maps	35.58%	35.58%			
3. Updating of the Philippine Gazetteer		46.30	46.30	100		
A. Topographic Database Mapping	30 mapsheets	49.57%	49.57%			
B. Updating of the Philippine Gazetteer Project	1 Geographic Names Geospatial Database uploaded/encoded with 5 provinces	43.03%	43.03%			

National Mapping and Resource Information Authority

Physical Performance Report

As of July 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)	July 1-31 (Third Quarter)	As of July 31, 2020			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
4. Administrative Mapping		50.50	50.50	100		
	12 draft maps (7 provincial; 5 regional)	50.50%	50.50%			
5. Map Printing and Reproduction		41.67	41.67	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	41.67% (33 maps/charts printed) (5,000 sheets)	41.67% (33 maps/charts printed) (5,000 sheets)			
6. Modernization of the Philippine Geodetic Reference System (PGRS)		41.65	39.65	95.20		
1. Establishment of AGS	4 AGS (Outsource)	4.00%	4.00%		Contract has been extended until October 2020	
2. AGS Site selection	1 site	6.00% (1 site)	6.00% (1 site)			
3. Maintenance of AGS	52 AGS	7.00% (28 AGS)	7.51% (29 AGS)			
4. GCP re-observation	228 GCPs (Outsource)	6.00% (50 GCPs)	4.00%			
5. Development of PGD 2020 (Distortion Model)	1 Model	2.00%	2.00%			
6. IEC Campaign	1 Session	3.00%	3.00%			
7. Validation of Philippine Geoid Model	50 BMs	5.50% (20 BMs)	5.50% (20 BMs)			
8. Releveling of BMs	500 kms (Outsource=450; In-house=50)	4.00% (15 kms)	4.00% (15 kms)			
9. Densification of gravity stations and GCP maintenance	50 GS densified 250 GCPs maintained	2.00% (72 GCPs)	2.00% (72 GCPs)			
10. Uploading to NGIMS of Geodetic Reference datasets	4 AGS 228 GCPs					

National Mapping and Resource Information Authority

Physical Performance Report

As of July 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)	July 1-31 (Third Quarter)	As of July 31, 2020			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
Program: Resource Assessment and Mapping						
1. Forestland Evaluation and Mapping		44.59	44.59	100		
Land Classification of Unclassified Public Forest (UPF) areas	8 preliminary LC maps	44.59% (5 prelim LC maps prep) (2 prelim LC maps assessed)	44.59% (5 prelim LC maps prep) (2 prelim LC maps assessed)			
2. Land Cover Mapping		36.34	36.34	100		
	18 provinces	36.34% (18 provs pre-processed) (12 provs data analysed) (2 provs surveyed) (6 provs assessed)	36.34% (18 provs pre-processed) (12 provs data analysed) (2 provs surveyed) (6 provs assessed)			
3. Coastal Resource Mapping and Assessment		48.50	48.50	100		
	14 provinces	48.50% (14 provs pre-processed) (1 prov surveyed) (7 provs assessed)	48.50% (14 provs pre-processed) (1 prov surveyed) (7 provs assessed)			
4. ENR Data Integration (Geospatial Data Integration)		49.60	49.60	100		
	10 provinces	49.60% (10 provs pre-processed) (6 provs data gathered) (6 provs data integrated) (3 prov indexed & integrated)	49.60% (10 provs pre-processed) (6 provs data gathered) (6 provs data integrated) (3 prov indexed & integrated)			
5. Participatory Mapping of Existing Land Uses		48.00	48.00	100		
	5 provinces	48.00% (3 provinces data gathered) (5 provs preliminary classified) (3 provs data integrated) (2 sets of knowledge mat.)	48.00% (3 provinces data gathered) (5 provs preliminary classified) (3 provs data integrated) (2 sets of knowledge mat.)			

National Mapping and Resource Information Authority

Physical Performance Report

As of July 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)	July 1-31 (Third Quarter)	As of July 31, 2020			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
Program: Geospatial Information System Management						
1. Information System Development & Maintenance		47.25	47.25	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	7.50% (3 systems)	7.50% (3 systems)			
4. System Implementation	4 Systems implemented					
5. System Maintenance	25 Systems maintained	16.25% (25 systems)	16.25% (25 systems)			
2. Geospatial Database Development & Maintenance		68.31	68.31	100		
1. Database Buildup	2 Database buildup	17.50% (2 database)	17.50% (2 database)			
2. Database maintenance	1 Database maintained	5.81% (1 database)	5.81% (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		41.56	41.56	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 July 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)	July 1-31 (Third Quarter)	As of July 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% (6) 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	15.41% (100% clients served) (4 Reports) (7 Monthly Sales Reports) (2019 MSO Sales Report)	15.41% 100% (2,679) clients) (4 Reports) (7 Monthly Sales Reports) (2019 MSO Sales Report)			
4. Information and Communications Technology Resource Management		55.90	55.29	98.91		
1. Maintenance of computer system	1 Updated list of ICT equipment 100% of computer systems (619) maintained semestrally A minimum of 95% operational monthly	27.13% (774 computer systems) (=>95% operational)	26.52% (736 computer systems) (99.99% operational)			
2. Network/Datacenter Maintenance and Administration	1 Network system operational at a minimum of 95% monthly	23.33% (=>95% operational)	23.33% (99.92% operational)		Slippage was due to the implementation of GC	All preventive maintenance are scheduled in the second semester of 2020.

National Mapping and Resource Information Authority

Physical Performance Report

As of July 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)	July 1-31 (Third Quarter)				
(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	2.94%	2.94%			
LOCALLY-FUNDED						
NAMRIA Geospatial Data Infrastructure		56.25	56.25	100		
1. System Analysis	1 System analyzed	12.00% (1 System)	12.00% (1 System)			
2. System Design	1 System designed	6.00% (1 System)	6.00% (1 System)			
3. Application Development	1 Application developed	22.50% (1 Application)	22.50% (1 Application)			
4. System Implementation	1 System implemented					
5. System Maintenance	5 System maintained	1.25% (5 Systems)	1.25% (5 Systems)			
6. Database Maintenance	2 database maintained	14.50% (2 Database)	14.50% (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