As of November 30, 2021

Program: Hydrographic and Oceanographic

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 First Quarter,
		November 1-30				FY 2022
	FY 2021 (Annual)	(Fourth Quarter)	As of November			
(1)	(2)		(4)	(5)=(4/3)	(6)	(7)
1. Hydrographic Surveys		84.98	83.51	98.27		
A. Hydrographic surveys of the Philippine Waters						
1. Survey planning	10 Field Project Instructions (FPIs)	2.50%	2.50%	100		
		(10 FPIs)	(10 FPIs)			
	10 Data Acquisition Plan or Processing	2.50%	2.50%	100		
	(DAPs)	(10 DAPs)	(10 DAPs)			
2. Data acquisition, processing and						
packaging						
a. Archipelagic Waters/Sealanes (AW)	2 Smooth Sheets	2.33%	1.93%	82.83	Vessels still under repair.	Fast-tracked vessel repair. Continued dat
	(Tayabas Bay-Ragay Gulf-Sorsogon Bay [270	(Data acquisition)	(Data acquisition)		•	acquisition and processing to address the
	sq km]; Vicinity of Zambales and Bataan,					slippage until December 2021.
	and the Subic Bay Navigational Lane [337.6	1				The state of the s
	sq km])	1				
		l l				
b. Ports and Harbors (P & H)	10 PH	20.00%	19.57%	97.85		
(10111	(10 P&H)	(10 P&H)	77.00		
		((
3. Data Quality Control	4,000 sq km of EEZ	0.50%	0.50%	100		
-		(4,000 sq km of EEZ)	(4,000 sq km of EEZ)			
	5,000 sq km of AW	0.50%	0.50%	100		
		(5,000 sq km of AW)	(5,000 sq km of AW)			
	8 P&H areas	3.50%	3.50%	100		
		(7 P&H areas)	(7 P&H areas)	100		
B. Maintenance and Operation of			(
Magnetic Observatory						
Field geomagnetic observation of	21 MRS	6.43%	5.79%	90.05	Flight restriction in survey area.	Replaced survey area. Team already
magnetic repeat stations (MRS)		(20 MRS)	(18 MRS)	90.03	I nght restriction in survey area.	deployed for the remaining three (3) MRS.
		(20 miles)	(10 MKG)			Observations to be completed before the
						end of December 2021.
2. Continuous geomagnetic data acquisition	7776 hourly values of geomagnetic data	1.100/	1.000	100		end of December 2021.
2. Communus geomagnetic data acquisition	7770 hourly values of geomagnetic data	4.13%	4.21%	100		
		(7,340 hourly values)	(7,474 hourly values)			

National Mapping and Resource Information Authority Physical Performance Report As of November 30, 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 First Quarter,
		November 1-30		-	,	FY 2022
	FY 2021 (Annual)	(Fourth Quarter)	As of November	30, 2021		
3. Absolute magnetic observation at	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
	96 absolute magnetic observations	1.38%	1.43%	100		
magnetic observatory 4. Maintenance of MRS	1 EW 0000 FM FM 1000/ /: 1	(91 observations)	(94 observations)			
7. Mantenance of MRS	1 FY 2022 PM Plan; 100% timely	1.84%	1.84%	100		
C. Maintenance and operation of survey	implementation	(100% timely implemented)	(100% timely implemented)			
vessels	(BRPHs VENTURA; PRESBITERO; HIZON; PALMA; Single Beam Skiff; Land-based systems)	28.00%	28.00%	100		
1. Platform availability/deployment	100% of Platforms scheduled for survey available/deployed (1 survey platform per scheduled survey)	6.79%	6.79%	100		
D. Client management	100% of clients requests addressed	4.58%	4.58%	100		
		(100% clients addressed)	(100% [343] clients			
		1	addressed)			
2. Nautical Charting		93.66	93.66	100		
. Data compilation and/or	8 Harbor charts	94.75%	94.75%	100		
enhancement of nautical		(8 charts)	(8 charts)			
charts			, , ,			
	2 Approach charts	93.00%	94.00%	100		1
		(2 charts)	(2 charts)			
	13 Coastal charts	94.00%	95.35%	100		
		(13 charts)	(13 charts)			
	1 EEZ Chart	92.00%	92.00%	100		1
		(1 chart)	(1 chart)			
	2 General Charts	93.00%	93.00%	100		1
		(2 charts)	(2 charts)			
	15 Master Charts	92.00%	92.00%	100		
		(15 charts)	(15 charts)			
. Data compilation and Update	10 ENCs	93.00%	93.00%	100		
of Electronic Navigational		(10 charts)	(10 charts)			
Charts (ENCs)						
. Manual correction of		92.00%	92.00%	100		
printed nautical charts	26 paper nautical charts	(24 paper nautical charts)	(24 paper nautical charts)	100		
	15 paper nautical charts for Master Chart	(14 Master Charts)	(14 Master Charts)			
	100% [900] printed nautical charts manually	(100% [828] printed nautical	(100% [828] printed nautical			
	corrected	charts manually corrected)	charts manually corrected)			I

Key Programs/Activities/ Projects (P/A/Ps) and	TARGETS		ACTUAL	Percentage (%) of Accomplishment	Reason for Under/Over Performance (Variance)	Catch-Up Plan/Strategy for the First Quarter,
Performance Indicators		November 1-30		,	, , ,	FY 2022
441	FY 2021 (Annual)	(Fourth Quarter)	As of November	30, 2021		
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
4. Reproduction of nautical publications		96.50%	96.50%	100		
	6,000 nautical charts	(5,580 nautical charts)	(5,580 nautical charts)			
	2,000 copies (2022 TCTs)	(2,000 copies of TCTs)	(2,000 copies of TCTs)			
3. Maritime Publications and Support Servi		84.04	80.04	95.24		
1. Promulgation/Publication of Navigational	NW emailed to NAVAREA XI Coordinator	91.70%	91.70%	100		
Warnings (NW) or Notices to Mariners	12 NTMs emailed to clients	(100% NW/11 NTMs)	100% [220] NW/[11] NTMs)			
(NTMs)						
2. Publication of Philippine List of	2022 Edition of PLL published	64.10%	64.10%	100		
Lights (PLL)			(Manuscript updated with 90			
			light corrections from			
			December 2020 to October			
			2021 NTMs)			
3. Publication of Cumulative List of	CLNM published	64.10%	64.10%	100		
Notices to Mariners (CLNM)			(Manuscript updated with 62			
			chart correction notices from			
			January to October 2021			
			NTMs)			
4. Publication of Philippine	Volume 2, 7th Edition published	90.00%	62.00%	68.89	Mass printing of PCP Vol. 2 is for procurement	CD packaging of PCP Vol. 2 in process.
Coast Pilot (PCP) Book	,	1500070	02,0070		process with BAC.	CD packaging of PCP vol. 2 in process.
					process with Exc.	
5. Compilation of Coast Pilot Manuscript	8th Edition Manuscript compiled	92.60%	92.60%	100		
6. Delineation of Municipal	100% (80 of 80) technical assistance provided	91.50%	91.50%	100		
Waters (MW)		(100% of LGUs, NGAs	(100% [75] LGUs, NGA)			
		assistance provided)	assistance provided)			
7. Delineation of International Maritime	20 internal waters map compiled	94.30%	94.30%	100		
Zones and Other Maritime Areas		(20 internal waters map	(20 internal waters map		1	
1		compiled)	compiled)			
	2 baseline maps of WPS features	(2 baseline maps compiled)	(2 baseline maps compiled)			
		(18 internal waters map and	(18 internal waters map and			
		1 baseline map reviewed)	1 baseline map reviewed)			
			2 Subcline map reviewed;			

National Mapping and Resource Information Authority Physical Performance Report As of November 30, 2021

PY 2021 (Annual) (Put Quarter) As of November 3-0, 2021	Key Programs/Activities/ Projects (P/A/Ps) and	TARGETS		ACTUAL	Percentage (%) of Accomplishment	Reason for Under/Over Performance (Variance)	Catch-Up Plan/Strategy for the First Quarter,
4. Physical Oceanographic Surveys 5. Annual inspection and releveling 2. Acquisition of physical oceanographic data management of rew toda stations 3. Data processing, analysis and prediction 3. Data processing, analysis and prediction 3. I recessing of physical oceanographic data from tide stations 4. Oceanographic data management 5. Oceanographic data management 6. Oceanographic data management 6. Oceanographic data management 6. Oceanographic data management 7. Oceanographic data management 8. Oceanographic data management 9. Oc	Performance Indicators	FY 2001 (4					FY 2022
1. Maintenance of tide stations 1. Acquisition of physical oceanographic data 2. Acquisition of physical oceanographic data 2. 1. Operation of tide stations (Sea-level measurements, devolveding of tidal datu, and temperature, density and satisfactions) 2. 2. Establishment of new tide stations 3. Data processing, analysic and prediction 3. Processing of physical oceanographic data (fact), dust from tide stations, temperature, density and satisfactions, temperature, density and satisfactions (season) 4. Oceanographic data management 4. Oceanographic data management 4. Oceanographic data management 4. Oceanographic data management 5. Oceanographic data management 6. Oceanographic data management 7. Oceanographic data management 8. Oceanographic data management 9. Oceanographic data management 1. Database System 1. Ocools 1. Oco	(1)						
1. Maintenance of tide stations Annual inspection and releveling 47 stations inspected and releveled 48 stations 48 stations 47 stations inspected and releveled 48 stations 48 stations 48 stations 49 stations 48 stations 49 stations 49 stations 40 stations 41 stations 42 stations 42 stations 42 stations 43 stations 42 stations 43 stations 42 stations 42 stations 43 stations 44 stations 42 stations 42 stations 42 st		(~)				(6)	(7)
- Annual inspection and releveling 2. Acquisition of physical oceanographic data 2.1 Operation of tide stations (Sac-level measurements, downloading of idial data, and temperature, density measurements) 2.2 Establishment of new tide stations (Sac-level measurements) 2.3 Data processing, analysis and prediction 3.1 Processing of physical oceanographic data (from tide stations) 4. Oceanographic data from tide stations, temperature, density and salinity 4. Oceanographic data management 4. Updating and maintenance of National Oceanographic data management 4. Updating and maintenance of Mational Oceanographic data rescue and recovery of historical data; Databasing and archiving of sea level and other physical oceanographic data; (Downloaded/retrieved month datasets) Project (data rescue and recovery of historical data; Databasing and archiving of sea level and other physical oceanographic data; (Downloaded/retrieved month datasets) 4. 2 Preparation of Tide and Current Tables (TCTs) 4. 2 Preparation of Tide and Current Tables (TCTs) 4. 2 Preparation of Tide and Current Tables (TCTs) 4. 2 Preparation of Tide and Current Tables (TCTs)	1. Maintenance of tide stations			30.51	100		
2. Acquisition of physical oceanographic data (Sea-level measurements, downloading of tidal data, and temperature, density and salinity measurements) 2. Data processing, analysis and prediction 3. Processing of physical oceanographic data (India data from tide stations) 4. Oceanographic data management 4. Oceanographic data management 4. Oceanographic Data Exchange Service (RODES) Traject (data recue and recovery of historical data; Databasing and archiving of sea level and other physical oceanography data to the physical oceanography of the planes) 1. Database System 10.00%		47 stations inspected and releveled	18.08%	25.00%	100		
2. Acquisition of physical oceanographic data 2. 1 Operation of tide stations 2. 1 Operation of tide stations (92 % of 50 stations) (93 % of 50 stations) (94 % of 50 stations) (95 % of 50 stations) (100% of 100% of 1		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			100		
data 2.1 Operation of tide stations (Sea-fevel measurements, downloading of tidal data, and temperature, density and salinity measurements) 2.2 Establishment of new tide stations 3. Data processing, analysis and prediction 3.1 Processing of physical oceanographic data from tide stations, temperature, density and salinity) 4. Oceanographic data management 4. 1 Updating and maintenance of 1 Database System 100% of downloaded/retrieved month datasets (Imperior data (Tata floral des temperature) of historical data; Databasing and archiving of sea level and other physical oceanographic data: Updating of tidal datum planes) 4. 2 Preparation of Tide and Current Tables (TCTs) 92% of total number of tide stations (SO) 18.33% 12.33% 12.33% 100 92% of 50 stations) 12.50% 12.50% 12.50% 12.50% 100 97 sations) 100 100 12.50% of common datasets processed; 100% of downloaded/retrieved month datasets processed; 100% of downloaded/retrieved and processed datasets)			l'	(** ***********************************			
2.1 Operation of tide stations (Sea-level measurements, downloading of tidel data, and temperature, density and salinity measurements) 2.2 Establishment of new tide stations 3. Data processing, analysis and prediction 3. Data processing of physical oceanographic data (Tidal data from tide stations, temperature, density and salinity) 4. Oceanographic data management 4. Oceanographic data management 4. Updating and maintenance of National Oceanographic Data Center (Implementation of National Oceanographic data: Sexchange Service (NODES) Project (data rescue and recovery of historical data; Updating of tidal datum planes) 4. 2 Preparation of Tide and Current Tables (TCTs) 92% of total number of tide stations, (92 % of 50 stations) 18.33% (92 % of 50 stations) 18.33% (92 % of 50 stations) (92 % of 50 sta	2. Acquisition of physical oceanographic						
(Sea-level measurements, downloading of tidal data, and temperature, density and salinity measurements) 2.2 Establishment of new tide stations 3. Data processing, analysis and prediction 3.1 Processing of physical oceanographic data from tide stations, temperature, density and salinity) 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) 4. 2 Preparation of Tide and Current Tables (TCTs) 7 tide stations established 7 tide stations established 5.00% (7 stations) 12.50% (100% of (100% of (100% of downloaded/retrieved month datasets processed) 100% of downloaded/retrieved month datasets processed) 100% of downloaded/retrieved and processed datasets) 100% of downloaded/retrieved and processed datasets)	data						
of tidal data, and temperature, density and salinity measurements) 2.2 Establishment of new tide stations 3. Data processing, analysis and prediction 3.1 Processing of physical oceanographic data (Tidal data from tide stations, temperature, density and salinity) 4. Oceanographic data management 4. Oceanographic data management 4. Updating and maintenance of National Oceanographic (Implementation of National Oceanographic (Implementation of National Oceanographic Data Center (Implementation of National Oceanographic data (Poster Service (NODES)) Project (Idata rescue and recovery of historical data; Databasing and archiving of sea level and other physical oceanographic data; Updating of tidal datum planes) 4. 2 Preparation of Tide and Current Tables (TCTs) 7 tide stations established 7 tide stations 7 tide stations established 12.50% 12.50% 10.00% of (100% of (100% of downloaded/retrieved month datasets processed) 10.00% of (100% of (100% of (100% of downloaded/retrieved and processed datasets) 10.00% of (100% of (100% of (100% of downloaded/retrieved and processed datasets) 10.00% of (100% o	I .	92% of total number of tide stations (50)	18.33%	18.33%	100		
density and salinity measurements) 2.2 Establishment of new tide stations 3. Data processing, analysis and prediction 3.1 Processing of physical oceanographic data from tide stations, temperature, density and salinity) 4. Oceanographic data management 4. Oceanographic data management 4. Oceanographic Data Center (Implementation of National Oceanographic Data Exchange Service (NODEs) Project (data rescue and recovery of Instorical data; Updating of sea level and other physical oceanographic data; Updating of tidal datum planes) 4. 2 Preparation of Tide and Current Tables (TCTs) 7 tide stations 7 tide stations established 7 tide stations 7 tide stations established 7 tide stations, 7 tide stations 7 tide stations 100% of downloaded/retrieved datasets 12.50% 100% of (100%			(92 % of 50 stations)	(92 % of 50 stations [48])			
2.2 Establishment of new tide stations 7 tide stations established 7 tide stations 5.00% 7 stations) 1.250% 1.25							
3. Data processing, analysis and prediction 3.1 Processing of physical oceanographic data (Tidal data from tide stations, temperature, density and salinity) 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; Databassing and archiving of sea level and other physical oceanographic data; Updating of tidal datum planes) 4. 2 Preparation of Tide and Current Tables (TCTs) 100% of downloaded/retrieved datasets 12.50% 100% of (100% of (100% of downloaded/retrieved month datasets processed) 10.00% into 10.00% 10.00% 10.00% 10.00% of (100% of downloaded/retrieved and processed datasets) 10.00% of downloaded/retrieved and processed datasets)				1			
3. Ptocessing of physical oceanographic data (Tidal data from tide stations, temperature, density and salinity) 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; Updating of data; Updating of data; Updating of data; Updating of tidal datum planes) 4. 2 Preparation of Tide and Current Tables (TCTs) 100% of downloaded/retrieved datasets 12.50% 11.00% of (100% of downloaded/retrieved month datasets processed) 12.50% 12.50% 1000 1000 of downloaded/retrieved month datasets processed) 10.00% of downloaded/retrieved month datasets processed) 10.00% of (100% of (100% of downloaded/retrieved and processed datasets) 10.00% of downloaded/retrieved and processed datasets) 4.2 Preparation of Tide and Current Tables (TCTs)	2.2 Establishment of new tide stations	7 tide stations established		5.00%	-		
3.1 Processing of physical oceanographic data (Tidal data from tide stations, temperature, density and salinity) 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 of Tide and Current Tables (TCTs) 3. 1 Processing of physical oceanographic data (100% of downloaded/retrieved datasets) 100% of downloaded/retrieved datasets processed) 12.50% 12.50% 100% of (100% of downloaded/retrieved month datasets processed) 100% of downloaded/retrieved month datasets processed) 100% of downloaded/retrieved and downloaded/retrieved and processed datasets) 100% of downloaded/retrieved and processed datasets) 100% of downloaded/retrieved and downloaded/retrieved and processed datasets) 100% of downloaded/retrieved and downloaded/retrieved and processed datasets) 100% of downloaded/retrieved and downloaded/retrieved and processed datasets)				(7 stations)			
data (Tidal data from tide stations, temperature, density and salinity) 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) 4. 2 Preparation of Tide and Current Tables (TCTs) processed 100% of (100% of				1			
temperature, density and salinity) 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) 4.2 Preparation of Tide and Current Tables (TCTs) A Database System 10.00%		100% of downloaded/retrieved datasets	12.50%	12.50%	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) 4. 2 Preparation of Tide and Current Tables (TCTs) month datasets processed) 10.00% 10.00% 100% of downloaded/retrieved and downloaded/retrieved and processed datasets processed) 4. 2 Preparation of Tide and Current Tables (TCTs)		processed	(100% of	(100% of	1		
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 oceano- graphic data; Updating of tidal datum planes) 4. 2 Preparation of Tide and Current Tables (TCTs)	temperature, density and salinity)		downloaded/retrieved	downloaded/retrieved			
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; Updating of tidal datum planes) 4.2 Preparation of Tide and Current Tables (TCTs)			month datasets processed)	month datasets processed)			
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) 4.2 Preparation of Tide and Current Tables (TCTs)	_	1.	1				
(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) 4.2 Preparation of Tide and Current Tables (TCTs)		· ·	1		100		
graphic 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) 4.2 Preparation of Tide and Current Tables (TCTs)			1,	(100% of			
Project (data rescue and recovery of historical data; Databasing and archiving of sea level and other physical oceanographic data; Updating of tidal datum planes) 4.2 Preparation of Tide and Current Tables (TCTs)		datasets	I .	· ·			
historical data; Databasing and archiving of sea level and other physical oceano- graphic data; Updating of tidal datum planes) 4.2 Preparation of Tide and Current Tables (TCTs)	, ,		processed datasets)	processed datasets)			
of sea level and other physical oceanographic data; Updating of tidal datum planes) 4.2 Preparation of Tide and Current Tables (TCTs)	l -						
graphic data; Updating of tidal datum planes) 4.2 Preparation of Tide and Current Tables (TCTs)							1
planes) 4.2 Preparation of Tide and Current Tables (TCTs)							
4.2 Preparation of Tide and Current Tables (TCTs)							1
Tables (TCTs)	Patricoj						
Tables (TCTs)	4.2 Preparation of Tide and Current						
- Tide and Current Prediction manuscript 1 manuscript 5.00% 5.00% 100	- Tide and Current Prediction manuscript	1 manuscript	5.00%	5 00%	100		
- Nee and Current Prediction manuscript 1 manuscript 5.00% 5.00% 100 (1 Manuscript) (1 Manuscrip	i i i i i i i i i i i i i i i i i i i	- Amazonipt			100		

Key Programs/Activities/ Projects (P/A/Ps) and	TARG		ACTUAL	Percentage (%) of Accomplishment	Reason for Under/Over Performance (Variance)	Catch-Up Plan/Strategy for the First Quarter, FY 2022
Performance Indicators	FY 2021 (Annual)	November 1-30				
(1)	(2)	(Fourth Quarter)	As of November (4)	(5)=(4/3)	(6)	
- Quality Control	1 manuscript	2.00%	2.00%	100	(6)	(7)
		(1 Manuscript)	(1 Manuscript)	100		
- Printing	2,000 copies	3.00%	3.00%	100		
	-,	(2,000 copies of TCTs)	(2,000 copies of TCTs)	100		
4.3 Provision of tidal information						
- Updating of tidal information on	41 Nautical charts		(48 Nautical charts)	200		
nautical charts			(15 Nautical Charts)			
- Provision and certification of oceano-	100% of requests acted upon	_	(73 clients)			
graphic information			(*,			
Program: Topographic Mapping an	d Geodetic Network					
1. Large-Scale Mapping		84.78	84.56	99.74		
a. Production of new series large-scale	360 map sheets	75.00%	95.00%	100	Deliverables were achieved more than the	
orthoimages and topographic maps at		(252 map sheets)	(360 map sheets)		targets due to early procurement activities.	
1:4,000 scale						
b. Unified Mapping						
b.1 Updating and cartographic	1,500 map sheets	17.00%	20.00%	100	Deliverables were achieved more than the	
enhancement of large-scale topographic	1,000 map oncord	(1,050 map sheets)	(1,500 map sheets)	100		
maps at 1:10,000 scale		(1,000 map sheets)	(1,300 map sheets)		targets due to early procurement activities and	
					advanced processing of orthoimages for use in	
					updating the large-scale 1:10,000 topographic	
					maps.	
b.2 Quality assessment of 2020	1,800 map sheets	40.00%	40.00%	100		
outsourced line maps		(1,800 map sheets)	(1,800 map sheets)	100		
b.3 Large-scale (1:10,000) topographic		(*,500 map anders)	(1,000 map succes)			
database management and						
cartographic enhancement						
a. Topographic databasing	300 map sheets	20.00%	20.00%	100		
	• • • • • • • • • • • • • • • • • • • •	(300 map sheets)	(300 map sheets)	100		
		,,	(
b. Cartographic enhancement	55 map sheets	17.56%	17.11%	97.44	Field validation and completion of Puerto	After constant coordination with the LGU,
		(50 map sheets)	(46 map sheets)	1	Princesa City was delayed due health protocols	the field team will be dispatched on 02
					imposed by Puerto Princesa City Inter-Agency	December 2021 to catch up for the
					Task Force (IATF) against COVID-19.	slippage.

Key Programs/Activities/ Projects (P/A/Ps) and	TARGETS		ACTUAL	Percentage (%) of Accomplishment	Reason for Under/Over Performance (Variance)	Catch-Up Plan/Strategy for the First Quarter,
Performance Indicators	FY 2021 (Annual)	November 1-30				FY 2022
(1)		(Fourth Quarter)	As of November		15)	
2. Medium-and Small-Scale Mapping	(2)	95.76	(4) 95.76	(5)=(4/3)	(6)	(7)
A. Medium-Scale Mapping (1:50,000)	1	93.76	95.76	100		
A.1 In-house (Feature extraction	45 map sheets	00 = 404				
evaluation of vector data and	13 map sheets	93.74%	93.74%	100		
		(45 cartographically enhanced	(45 cartographically enhanced			
cartographic enhancement)		draft maps; ongoing field	draft maps; ongoing field			
100	l	completion)	completion)			
A.2 Contract-Out (Feature extraction	40 map sheets	99.33%	99.33%	100		
without enhancement)		(40 map sheets)	(40 map sheets)			
3. Small-Scale Mapping (1:250,000)	5 maps	96.75%	96.75%	100		
		(Symbolization; cartographic	(Symbolization; cartographic			
		editing and corrective editing)	editing and corrective editing)			
3. Updating of the Philippine Gazetteer		92.81	92.81	100		
A. Topographic Database Mapping	24 mapsheets	96.58%	96.58%	100		
		(23 maps)	(23 maps)			
3. Updating of the Philippine	Geographic Names Geospatial Database	89.04%	89.04%	100		
Gazetteer Project	uploaded/encoded with 11 provinces	(11 provinces)	(11 provinces)			
. Administrative Mapping		99.00	94.00	94.95		
	12 maps (7 provincial; 5 regional)	99.00%	89.50%	94.95	Due to restrictions of COVID-19, onsite	Sent letters to LGUs for virtual map
		(7 provincial and 2 regional	(7 provincial and 2 regional		validation shifted to virtual platform for safety	validation and the slippage will be
		maps)	maps)		of both parties.	addressed by December 2021.
5. Map Printing and Reproduction		88,00	88.00	100		
. Printing and reprinting of topographic	80 maps/charts printed	88.00%	88.00%		Low-in-stock maps were printed in view of the	
naps, administrative maps, and nautical	Special Publications:	(80 sets of maps/charts; 5,000	(85 sets of maps/charts; 5,000	100	request of Warehouse Unit.	
harts	5,000 sheets Centennial Calendar	sheets Centennial Calendar;	sheets Centennial Calendar;		request of warehouse onit,	
	3,000 pamphlets 2022 Planner	3,000 pamphlets 2022 Planner	3,000 pamphlets 2022 Planner			
	-, pampmoto avaa ramiiti	printed)	printed)			

Key Programs/Activities/ Projects (P/A/Ps) and	TARGE	CTS	ACTUAL	Percentage (%) of Accomplishment	Reason for Under/Over Performance (Variance)	Catch-Up Plan/Strategy for the First Quarter,
Performance Indicators	FY 2021 (Annual)	November 1-30 (Fourth Quarter)	As of November 30, 2021			FY 2022
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
Modernization of the Philippine Geodet Reference System (PGRS)	le	97.00	95.50	98.45	(0)	(1)
1. Establishment of Active Geodetic	3 AGS (Outsourced)	10.00%	10.00%	100		
Stations (AGS)		(3 AGS)	(3 AGS)			
2. AGS Site selection	6 Sites	10.00%	10.00%	100		
		(6 sites)	(6 sites)			
3. Maintenance of AGS	52 AGS (Outsourced)	17.00%	16.00%	94.12	Delayed implementation of contract due to	The contractor will finish the four (4)
		(50 AGS)	(46 AGS)		voluminous number of outsourced projects.	remaining sites in December 2021.
4. Geodetic Control Points (GCPs) re-	135 GCPs	10.00%	10.00%	100		
observation		(135 GCPs)	(135 GCPs)			
5. Validation of Philippine Geoid Model	100 GCPs	10.00%	10.00%	100		
		(100 GCPs)	(100 GCPs)			
6. Releveling of Benchmarks (BMs)	620 kms (Outsourced)	13.00%	13.00%	100		
		(620 kms)	(620 kms)			
	100 kms (In-house)	7.00%	7.00%	100		
		(100 kms)	(100 kms)			
7. Densification of Gravity Stations (GS)	800 GS	10.00%	9.50%	95	Fieldwork activities were affected by COVID-19	Fieldwork activities will be conducted in
and GCP maintenance		(800 GS)	(750 GS)	90	travel restrictions.	December 2021 to catch up with the
			, , ,			targets.
	100 GCPs	10.00%	10.00%	100		
		(100 GCPs)	(100 GCPs)			
3. Uploading to NAMRIA Geospatial	3 AGS	-	-	-		
Information Management System	137 GCPs	-	-	-		
(NGIMS) of Geodetic Reference datasets						

National Mapping and Resource Information Authority Physical Performance Report As of November 30, 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 First Quarter,
	FY 2021 (Annual)	November 1-30 (Fourth Quarter)	As of November	30, 2021	,	FY 2022
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
Program: Resource Assessment ar	nd Mapping					
l. Forestland Evaluation and Mapping		96.25	96.25	100		
Land Classification of Unclassified	8 preliminary maps of UPF sites	96.25%	96.25%	100		
Public Forest (UPF) areas		(8 preliminary maps prepared; 8 provincial LC maps accuracy assessed; 5 UPF sites databased)	(8 preliminary maps prepared; 8 provincial LC maps accuracy assessed; 5 UPF sites databased)			
. Land Cover Mapping		94.79	94.79	100		
	18 land cover maps	94.79%	94.79%	100		
		(13 land cover maps produced)	(13 land cover maps produced)			
3. Coastal Resource Mapping and Assessm		98.50	98.50	100		
	12 coastal resource maps	98.50% (12 coastal resource maps produced)	98.50% (12 coastal resource maps produced)	100		
. ENR Data Integration (Geospatial Data ntegration)		94.00	94.00	100		
	10 integrated ENR maps	94.00% (10 integrated ENR maps produced)	94.00% (10 integrated ENR maps produced)	100		
. Participatory Mapping of Existing Land U	Jses	90.00	90.00	100		
	1 land use map	90.00% (1 land use map prepared and distributed)	90.00% (1 land use map prepared and distributed)	100		

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 First Quarter,
	FY 2021 (Annual)	November 1-30 (Fourth Quarter)	As of Novembe	r 30, 2021		FY 2022
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
Program: Geospatial Information	System Management		1000			1
. Information System Development & Ma	intenance	79.00	79.00	100	i ————	
1. System Analysis	5 Systems	12.00%	12.00%	100		
		(5 systems)	(5 systems)			
2. System Design	4 Systems	10.00%	10.00%	100		1
		(4 systems)	(4 systems)	100		
Application Development	4 Applications	34.50%	34.50%	100		
		(4 systems)	(4 systems)	100		
4. System Implementation	4 Systems	-	-	_		
5. System Maintenance	33 Systems	22.50%	22.50%	100		
		(33 systems)	(33 systems)	100		
. Geospatial Database Development & Ma	intenance	78.16	78.16	100		
. Database Design	3 Databases	30.00%	30.00%	100		
		(3 databases)	(3 databases)			
. Database Buildup	2 Database buildup	19.00%	19.00%	100		
		(1 database)	(1 database)			
. Database maintenance	1 Database	9.16%	9.16%	100		
		(1 database)	(1 database)	100		
. Research and Analysis of existing	Research and Analysis Report	5.00%	5.00%	100		
geospatial databases		(1 Report)	(1 Report)	100		
. LGU GIS Capability Assessment	Assessment Report	10.00%	10.00%	100		
		(1 Report)	(1 Report)	100		
. Technical Support (Training and other	Technical Support Report	5.00%	5.00%	100		
technical support)		(1 Report)	(1 Report)	100		
		(,	(Troporty			
. Geospatial Information Services and Pro	eduction of NAMRIA					
Information, Education, and Communic	ation (IEC) Materials	85.70	85.70	100		
. Media Production and Packaging		21.50%	21.50%	100		
	4 NAMRIA IEC materials published	(4 NAMRIA IEC materials)	(4 NAMRIA IEC materials)			
	100% events covered through published	(100% events covered	(100% [23] events covered			
	NAMRIA Newscoop (NN)	through Newscoop)	through Newscoop)			
		1		I I		

Key Programs/Activities/ Projects (P/A/Ps) and	TARGETS		ACTUAL	Percentage (%) of Accomplishment	Reason for Under/Over Performance (Variance)	Catch-Up Plan/Strategy for the First Quarter,
Performance Indicators	WY 0001 (A	November 1-30				FY 2022
(1)	FY 2021 (Annual)	(Fourth Quarter)	As of November			
2. Information dissemination and	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
documentation	O IECim (ti	21.85%	22.90%	100		
documentation	2 IEC campaign/webinar conducted	(2 IEC campaign/webinar)	(4 IEC campaign/webinar)			
	100% tour of facilities requests served	(100% tour of facilities	(2 virtual tour of facilities)			
		requests served)				
	1 map and technology exhibit	(1 map and technology	(1 map and technology			
		exhibit)	exhibit)			
	100% requests served for photo and	(100% requests for photo	(100% [10] photo and [18]			
	video documentation	and video documentation)	video documentation)			
3. Geomatics Training		19.75%	19.75%	100		
	100% regular/special/MOA-based/online	(100% regular/special/	(100% [18] regular/special/			
	training programs conducted	MOA-based/online)	MOA-based/online)			1
	1 renewal of PRC accreditation	(1 PRC accreditation)	(1 PRC accreditation)			
	2020 NGTC Training Report submitted	(1 Training Report)	(1 Training Report)			
4. Client Services		22.60%	22.60%	100		
	100% clients served	(100% clients served)	(100% [8,804] clients)			
	1 Updated concept paper on e-commerce	(1 Updated concept paper)	(1 Updated concept paper)			
	6 Reports submitted	(5 Reports)	(5 Reports)			1
	12 Monthly Sales Reports submitted	(11 Sales Reports)	(11 Sales Reports)			
	2020 MSO Sales Report submitted	(2020 MSO Sales Report)	(2020 MSO Sales Report)			1
	2 MSO Inventory Report submitted	(2 MSO Inventory Reports)	(2 MSO Inventory Reports)			
I. Information and Communications Technology (ICT) Resource Management		90.48	90.48	100		
. Maintenance of computer system		45.49%	45.49%	100		
	1 Updated list of ICT equipment					
	100% of computer systems (556) maintained	(1,112 computer systems)	(1,157 computer systems)			
	semestrally	, , , , , , , , , , , , , , , , , , , ,	,			
	A minimum of 95% operational monthly	(=>95% operational)	(99.99% operational)			
. Network/Datacenter Maintenance	1 Network system operational at a minimum	36.65%	33.32%	100		
and Administration	of 95% monthly	(=>95% operational)	(99.77% operational)	100		

As of November 30, 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 First Quarter,
	FY 2021 (Annual)	November 1-30 (Fourth Quarter)	As of November	30, 2021	,	FY 2022
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
I. ICT Research and Analysis				1	(-)	1
Technology case study for NAMRIA	1 Case Study	3.75%	3.75%	100		
Deployment and Utilization		(Final Draft)	(Final Draft)	""		A Company of the Comp
ICT Resource Management	1 ICTRMIS	4.59%	4.59%	100		
Information System (ICTRMIS)		(1 ICTRM IS maintained)	(1 ICTRM IS maintained)	100		
Maintenance		,	(Transis is inclination)			

APPROVED BY:

Usec PETER N. TIANGCO, PhD, CESO I

Department/Agency Head

Certified Correct By:

XENIA R. ANDRES

OIC, Planning Unit

NOEL R. VEGA Head, Finance Unit