Program: Hydrography, Oceanography, Charting,

and Maritime Bounda	ries Mapping					
Key Programs/Activities/ Projects (P/A/Ps) and	TARGETS		ACTUAL (%) of Accomplishment		Reason for Under/Over Performance (Variance)	Catch-Up Plan/Strategy for the Third Quarter,
Performance Indicators		July 1-31				FY 2022
1/2/	FY 2022 (Annual)	(Second Quarter)	As of July 3			
(1)	(2)	(3)	(4)	(5)=(4/3)	(6)	(7)
1. Hydrographic Surveys		62.88	61.57	97.92		
A. Hydrographic surveys of the Philippine V						
A.1 Data acquisition, processing and packa						
1.1 Survey of EEZ/ECS/RI	West Philippine Sea and the Regime of	3.25%	1.15%	35.38	All Hydrographic survey activities were discontinued	
	Islands/Vicinity of West Luzon/ Vicinity of Coron (4,000 sq km bathy)	(4,000 sq km)	(348.19 sq km)		due to unavailability of funds to procure additional	
	Colon (4,000 sq km badiy)				supply of ADO in view of the alarming price hike in	
					fuel prices. NAMRIA requested to the DENR Secretary	
					for additional funds for ADO procurement. Subject	
1.2 Survey of Archipelagic and Internal	Coast of Zambales and Bataan/North of	3.25%	1.68%	52	request will only cover the maintenance of vessels	
Waters	Coron/North of Lubang Island/Tayabas	(2,500 sq km)	(961.93 sq km)		while moored. On top of this issue, the available	
	Bay-Marinduque/Ragay-Burias/West of				window with favorable weather and sea condition may	
	Panay/Cuyo East Pass (2,500 sq km bathy)				no longer be attainable.	
1.3 Survey of Ports, Harbors, and	O DVVI A					
	2 PHLA	4.75%	7.40%	100		
Littoral Areas (PHLA)		(2 P&H)	(2 P&H)			
A.2 Data Quality Control (QC)	12 QC Reports	5.83%	7.49%	100		
		(7 QC)	(9 QC)			
B. Maintenance and Operation of						
Magnetic Observatory		5.77%	5.77%	100		
B.1 Geomagnetic observation at	Minimum of 8310 hourly values	(4,760hourly values)	(4,800 hourly values)			
Magnetic Observatory	Minimum of 108 absolute magnetic	(63 observations)	(95 observations)			
	observations					
B.2 Maintenance of Magnetic Repeat	1 MRS established	1.00%	0.00%	0	The FST is currently on their way to PAGASA Is.,	Scheduled to finish the activities by the end of July.
Stations (MRS)		(1 MRS established)	(0 MRS established)		onboard BRP Malapascua , to establish and conduct	beneated to missi the activities by the tild of pary.
(1.2.10)	20 MRS observed	15.20%	14.25%	93.75	Geomagnetic Observation of the area.	
	a man dada na	(16 MRS)	(15 MRS)	30.70		
C. Maintenance and operation of survey						
vessels		11.67%	11.67%	100		
C.1 Preventive maintenance	100% timely implemented	(100% timely implemented)	(100% timely implemented)			
	(BRPHs Ventura; Presbitero; Hizon; Palma;					
	Land-based systems)					
C.2 Corrective maintenance	100% of incidents reported addressed timely	5.83%	5.83%	100		
		(100% addressed timely)	(100% [241] addressed			

		·	13 Of Ottly 31, 2022			T.
			timely)			
D. Client Services Management		6.33%	6.33%	100		
	100% client requests addressed timely	(100% of client requests	(100% [137] of client			
	100% chefit requests addressed differ					
		addressed)	requests addressed)			
	1 System rolled out	(1 System)	(1 System)			
	1 Bathymetric Information System Research	(1 Report)	(1 Report)			
	Report					
E. Policy/Process Reforms	1 Policy	-	-			
	(Institutionalization of the Philippine					
	Hydrospatial Survey Priorities (PHSP)					
	and Hydrospatial Survey Grid Index		1			
	(PHSGI)					
	1.001					
2. Nautical Charting		57.70	57.64	99.90		
A. Paper chart production						
A.1 Data compilation and/or cartographic	8 Harbor charts	5.52%	5.52%	100		
enhancement of nautical charts		(4 charts)	(4 charts)	100		
Cimaliculation inautical charts		(4 charts)	(+ charts)			
	2 Annual - h - h - mt -		3 410/	100		
	2 Approach charts	1.41%	1.41%	100		
		(1 chart)	(1 chart)			
	13 Coastal charts	9.45%	9.45%	100		
		(7 charts)	(7 charts)			
	1 EEZ Chart	1.20%	1.20%	100		
		(1 chart)	(I chart)			
	2 General Charts	1.42%	1.42%	100		
		(1 chart)	(1 chart)			
	15 Master Charts	2.67%	5.00%	100		Includes past chart compilations
		(8 charts)	(15 charts)			
		\MA CO	(<i>3100 10</i>)			
B. Electronic Navigational Chart (ENC)						
production						
		10.000	10.000/	100		
B.1 Data compilation and Update of	1000	12.00%	12.00%	100		
ENCs	10 Cells	(5 cells)	(5 cells)			
R 2 Pessarch and Davelonment		0.000/	7 700	83.70	One plating of the activity depends on the	1 Will condinate with Gunny Gunny Division (GCD)
B.2 Research and Development	E 0-11-	9.20%	7.70%	63.70	Completion of the activity depends on the	1.Will coordinate with Survey Support Division (SSD)
- Preparation of S-57 cells for convertion	5 Cells	(3 cells)	(3 cells)		available bathymetric data	for the provision of quality data
to S-101 cells	2 Reports	(1 Report)	(1 Report)			2. Extend compilation of HD ENC
- Pilot test for high density (HD)	1 Cell	(1 cell)	(1 cell)			
bathymetric ENCs	2 Reports	(1 Report)	(1 Report)			
- Feasibility Study for Gridded ENC	2 Reports	(1 Report)	(1 Report)			
Scheme						
						•

C. Review and quality control of paper		10.720/	11.04%	100		
charts, manual correction of printed	26 paper nautical charts	10.73% (13 paper nautical charts)	11.04% (14 paper nautical charts)	100		
charts	15 paper nautical charts reviewed and	(8 Master charts)	(8 Master charts)			
Charts	quality controlled for Master Chart	(o master charts)	(o master charts)			
	1	(200	(200			
	500 printed nautical charts corrected manually	(300 paper nautical charts	(300 paper nautical charts			
D. Reproduction of nautical publications	manually	manually corrected)	manually corrected)			
D. Reproduction of flautical publications	6,000 copies	1.20%	0.00%	0	Pending Work Order at Reprography and	Target for the month will be covered in the
	0,000 copies	(1,380 copies)	0.00%	0	Printing Division (Chart to Plate)	succeeding mass printing
E. Data provision and client		2.90%	2.90%	100	Trining Division (Chart to Flate)	succeeding mass printing
management	95% of clients requests acted upon	(95% of clients requests	(95% of clients requests	100		
management	95 % of chefits requests acted upon					
2 Maritima Publications and Support St.		acted upon) 57.63	acted upon)	00.00		
3. Maritime Publications and Support Se			56.67	98.33		
1. Promulgation/Publication of	NW emailed to NAVAREA XI Coordinator	58.40%	58.40%	100		
Navigational Warnings (NW) or Notices to Mariners (NTM)	12 NTMs emailed to clients	(7 NTMs)	(7 NTMs)			
· · ·	0002 Edition of DLL mublished	10.00%	40.000/	100		
2. Publication of Philippine List of Lights (PLL)	2023 Edition of PLL published	40.80%	40.80%	100		
3. Publication of cumulative list of	CLNM Manuscript approved	43.70%	43.70%	100		
Notices to Mariners (CLNM)						
4. Compilation of Coast Pilot (CP)	Vol. II, 8th Edition Manuscript compiled	60.30%	60.30%	100		
Manuscript						
5. Delineation of Municipal Waters (MW)	24 MW maps of certified municipal water	58.20%	60.54%	100		
	boundary	(14 MW maps)	(12 MW maps)			
	48 MW Maps of 10.1 Km limits (4 maps per					
	month)	(28 maps)	(28 maps)			
	12 charts (15-series) compiled	(7 charts)	(7 charts)			
	100% (84 of 84) technical assistance provided	(100% [49] of LGUs, NGAs)	(100% [52] of LGUs, NGAs)			
		(100% [49] of LGOS, NGAS)	(100% [52] of LGOS, NGAS)			
4	100% of copy of TD and related documents	l'	I,			
	uploaded to the MAD database and MarlS and filed in the MW folders	and filed)	and filed)			
6. Delineation of Internal Waters (IW)	uploaded to the MAD database and MarIS and	l'	I,	100		
6. Delineation of Internal Waters (IW)	uploaded to the MAD database and MarlS and filed in the MW folders	and filed)	and filed)	100		
6. Delineation of Internal Waters (IW)	uploaded to the MAD database and MarlS and filed in the MW folders	and filed) 56.30%	and filed) 56.30%	100		
6. Delineation of Internal Waters (IW)	uploaded to the MAD database and MarlS and filed in the MW folders	and filed) 56.30%	and filed) 56.30%	100		
6. Delineation of Internal Waters (IW)	uploaded to the MAD database and MarIS and filed in the MW folders 20 IW maps compiled on 15 series charts	and filed) 56.30% (12 IW maps)	and filed) 56.30% (12 IW maps)	5		
Delineation of Internal Waters (IW) 7. Delineation of Maritime Zones and	uploaded to the MAD database and MarIS and filed in the MW folders 20 IW maps compiled on 15 series charts	and filed) 56.30% (12 IW maps)	and filed) 56.30% (12 IW maps)	5	Ongoing review of UFN proposal	To arrange UFN-TWG meeting upon receipt of final
	uploaded to the MAD database and MarIS and filed in the MW folders 20 IW maps compiled on 15 series charts 20 IW map reviewed on 15 series charts	and filed) 56.30% (12 IW maps) (10 IW maps)	and filed) 56.30% (12 IW maps) (10 IW maps)	100	Ongoing review of UFN proposal	To arrange UFN-TWG meeting upon receipt of final comments from UP-NIGS
7. Delineation of Maritime Zones and	uploaded to the MAD database and MarIS and filed in the MW folders 20 IW maps compiled on 15 series charts 20 IW map reviewed on 15 series charts 15 Undersea Features Names (UFN)	and filed) 56.30% (12 IW maps) (10 IW maps)	and filed) 56.30% (12 IW maps) (10 IW maps)	100	Ongoing review of UFN proposal	

			48 01 July 31, 2022			
		transmitted to TWG)				
	Databasing	(100% of UFN data databased)	(100% of UFN data databased)			
8. Client Services	100% of CSU client requests processed	56.70%	56.70%	100		
		(100% of CSU clients	(100% of CSU clients			
		requests processed)	requests processed)			
4. Physical Oceanographic Surveys	^	58.61	56.61	96.59		
1. Maintenance of tide stations						
- Annual inspection and releveling	56 stations inspected and releveled	12.63%	12.63%	100		
		(24 stations)	(46 stations)	100		
		((10 standard)			
2. Acquisition of physical oceanographic						
data						
2.1 Operation of tide stations	95% of total number of tide stations (56)	10.98%	10.98%	100	Cebu Tide Station is not operational'	
(Sea-level measurements, downloading	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	(56 stations)	(55 stations)		tide gauge is damaged by Typhoon	
of tidal data, and temperature, density			(Odette	
and salinity measurements)						
2.2 Establishment of new tide stations	3 tide stations established		_			
2.3 Reobservation of subordinate tide	2 stations	_				
station						
2.4 Tidal current observation	2 stations		-			
2.5 Wave observation	2 stations	_				
3. Data processing, analysis and						
prediction						
3.1 Processing of physical oceanographic						
data						
3.1.1 Tidal data from tide stations	100% of downloaded/retrieved months	20.00%	20.00%	100		
	datasets	(100% of	(100% of	()		
3.1.2 Temperature, density, and salinity	100% of downloaded/retrieved months	downloaded/retrieved	downloaded/retrieved			
-	datasets	month datasets)	month datasets)			
4. Oceanographic data management						
4.1 Updating and maintenance of NODC						
4.1.1 Implementation of National	1 Database System	10.00%	10.00%	100		
Oceanographic Data Exchange Service		(1 Database System)	(1 Database System)			
(NODES) project (data rescue and						
recovery of historical data)						
4.1.2 Databasing and archiving of sea	100% of downloaded/retrieved months	(100% downloaded	(100% downloaded			
level and other physical oceanographic	datasets	retrieved month datasets)	retrieved month datasets)			
data						
4.1.3 Updating of tidal datum planes	100% of downloaded/retrieved months					
	datasets					
4.2 Preparation of Tide and Current						

			As of July 31, 2022			
Tables (TCTs)						
4.2.1 Tide and Current Prediction	1 manuscript	2.00%	2.00%	100		
		(1 Manuscript)	(1 Manuscript)			
4.2.2 Quality Control	1 manuscript	1.00%	1.00%	100		
		(1 Manuscript)	(1 Manuscript)	100		
4.2.3 Printing	2,000 copies	2.00%	0.00%	0	The Purchase Order and other pertinent documents	The winning bidder will be instructed to advance delivery
		(2,000 copies)	0.0075	ľ	are being prepared	of available printed copies of the 2023 Tide and Current
4.3 Provision of tidal information		(2,000 copica)			are being prepared	I .
4.3.1 Updating of tidal information on	41 Nautical charts					Table to facilitate completion. Slippage will be adressed by October 2022
nautical charts	Traducal charts	-	ľ			by October 2022
4.3.2 Provision and certification of	100% of requests acted upon					
oceanographic information	100% of requests acted upon	-	ľ			
4.3.3 Draft Technical Guidelines of	1 Document					
Delineation of Vertical Datum	1 Document					
Program: Topographic Mapping a	and Goodetic Reference			L		L
Frame Development an						
	u management	P4.86	74.76	100	T T	
1. Large-scale Mapping	2601	74.76	74.76	100		
A. Supply and delivery of new-series	360 map sheets	45.00%	45.00%	100		
large-scale orthoimages and topographic		(85 map sheets)	(85 map sheets)			
maps at scale 1:4,000 using very						
high-resolution satellite imageries						
(VHRSI)						
B. Unified Mapping			1			
B.1 Supply and delivery of updated	1,500 map sheets	11.00%	11.00%	100		
large-scale topographic maps at scale		(Awards, Contracts and	(Awards, Contracts and			
1:10,000		NTP issued)	NTP issued)			
B.2 Quality assessment of 2021	1,500 map sheets	23.40%	23.40%	100		
outsourced line maps		(Data evaluation and	(Data evaluation and			
		attribute validation and	attribute validation and			
		verification)	verification)			
B.3 Large-scale (1:10,000) topographic						
database management and						
cartographic enhancement						
B.3.1. Topographic databasing	250 map sheets	13.34%	13.34%	100		
		(157 map sheets)	(157 map sheets)			
B.3.2 Cartographic enhancement	80 map sheets	11.78%	11.78%	100		
		(50 map sheets	(50 map sheets			
		cartographically enhanced;	cartographically enhanced;			
		9 map sheets field verified)	9 map sheets field verified)			
	1					
2. Medium and Small-Scale Mapping	Y	61.35	61.35	100		
A. Updating of medium and small-scale						
topographic base maps (1:50,000 and						
1:250,000)		L				

As of July 31, 2022

A.1 Evaluation of outsourced line maps					
and cartographic enhancement					
(In-house)					
	40 map sheets quality assessed	11.81%	11.81%	100	
		(35 map sheets)	(35 map sheets)		
	45 map sheets enhanced	17.47%	17.47%	100	
	145 map sheets emanced			100	
		(25 map sheets enhanced and	(25 map sheets enhanced and		
		7 map sheets field validated)	7 map sheets field validated)		
A.2 Feature extraction for 1:50,000	45 maps sheets	7.50%	7.50%	100	
topographic maps (Contract-Out)		(Contract awarded and	(Contract awarded and		
		NTP issued; 10 Progress	NTP issued; 10 Progress		
		Reports)	Reports)		
		1			
A.3 Topographic Database Mapping	18 map sheets (Various areas)	9.15%	9.15%	100	
71.0 Topographic Database Mapping	To map sheets (various areas)			100	
		(11 map sheets)	(11 map sheets)		
		1			
B. Small-Scale Mapping (1:250,000)	5 map sheets	12.50%	12.50%	100	
		(1 map sheet)	(1 map sheet)		
1		1			
C. Provision of client services	100% client served	2.92%	2.92%	100	
		(100% clients served)	(100% clients served)		
		(10070 chemis served)	(100% chemis serveu)		
3. Updating of the Philippine Gazetteer	1	60.00	60.00	100	
or opening of the lamppine desetteet	Geographic Names Geospatial Database	60.00%	60.00%	100	
				100	
	uploaded and encoded for 10 provinces (101	(88 map sheets processed;	(88 map sheets processed;		
	map sheets)	6 provinces field verified;	6 provinces field verified;		
		4 provinces field data	4 provinces field data		
		processed)	processed)		
4. Administrative Mapping		64.35	64.35	100	
	12 maps (10 provincial; 2 regional)	61.41%	61.41%	100	
		(6 map sheets	(6 map sheets		
		cartographically enhanced;	cartographically enhanced;		
		4 map sheets field verified; 3	4 map sheets field verified; 3		
		maps submitted to RPD for	Imags submitted to RPD for		
		maps submitted to RPD for	maps submitted to RPD for		
	100% alient corred	mass production)	mass production)	100	
	100% client served	mass production) 2.94%	mass production) 2.94%	100	
	100% client served	mass production)	mass production)	100	

As of July 31, 2022

5. Map Printing and Reproduction		54.70	48.57	88.79		
1. Printing and reprinting of topo.,						
admin. maps and nautical charts						
- Pre-Press	130 sets of spot color maps/charts	26.44%	26.45%	100		
		(86 sets of spot color maps/	(86 sets of spot color maps/			
		charts)	charts)			
- Press	130 sets of printed maps/charts	10.16%	7.09%	69.78		
		(66 sets of quality printed	(0 sets of quality printed			
		maps/charts)	maps/charts)		The printing machine broke down and the spare parts are yet to be delivered	Printing will be completed by October 2022
					are yet to be delivered	
- Post Production Quality Assurance	130 sets of printed maps/charts delivered	10.16%	7.09%	69.78		
		(66 sets of quality printed	(0 sets of quality printed			
		maps/charts delivered)	maps/charts delivered)			
	Special Publications:					
	3,000 sheets Centennial Calendar	5.00%	5.00%	100		
		(3,000 sheets)	(3,000 sheets)			
	2,000 pamplets 2023 Planner					
	13,000 sheets 2023 Calendar					
	100% clients served	2.94%	2.94%	100		
		(100% clients served)	(100% clients served)			
Quality & Quantity check	10% allowable spoilage					
6. Modernization of the Philippine		58.45	64.55	100.00		
Geodetic Reference System (PGRS)		337.13	000			I I
1. Establishment of Active Geodetic	3 AGS (Outsourced) established	4.00%	4.00%	100		
Stations (AGS)		4.00% (1 AGS)	4.00% (1 AGS in Sn. Jose, Mindoro)	100		
	3 AGS (Outsourced) established 6 Sites			100		
Stations (AGS)		(1 AGS)	(1 AGS in Sn. Jose, Mindoro)			
Stations (AGS)		(1 AGS) 10.00%	(1 AGS in Sn. Jose, Mindoro) 10.00%			
Stations (AGS) 2. AGS Site selection	6 Sites	(1 AGS) 10.00% (6 sites)	(1 AGS in Sn. Jose, Mindoro) 10.00% (6 sites)	100		
Stations (AGS) 2. AGS Site selection	6 Sites	(1 AGS) 10.00% (6 sites) 8.65%	(1 AGS in Sn. Jose, Mindoro) 10.00% (6 sites) 8.65%	100		
Stations (AGS) 2. AGS Site selection 3. Maintenance of AGS	6 Sites 55 AGS (Outsourced) maintained	(1 AGS) 10.00% (6 sites) 8.65% (25 AGS)	(1 AGS in Sn. Jose, Mindoro) 10.00% (6 sites) 8.65% (25 AGS)	100		
Stations (AGS) 2. AGS Site selection 3. Maintenance of AGS 4. Validation of Philippine Geoid Model	6 Sites 55 AGS (Outsourced) maintained	(1 AGS) 10.00% (6 sites) 8.65% (25 AGS) 11.50%	(1 AGS in Sn. Jose, Mindoro) 10.00% (6 sites) 8.65% (25 AGS) 11.50%	100		
Stations (AGS) 2. AGS Site selection 3. Maintenance of AGS 4. Validation of Philippine Geoid Model (PGM)	6 Sites 55 AGS (Outsourced) maintained 150 Benchmarks (BMs) validated	(1 AGS) 10.00% (6 sites) 8.65% (25 AGS) 11.50% (105 BMs)	(1 AGS in Sn. Jose, Mindoro) 10.00% (6 sites) 8.65% (25 AGS) 11.50% (105 BMs)	100 100		
Stations (AGS) 2. AGS Site selection 3. Maintenance of AGS 4. Validation of Philippine Geoid Model (PGM)	6 Sites 55 AGS (Outsourced) maintained 150 Benchmarks (BMs) validated	(1 AGS) 10.00% (6 sites) 8.65% (25 AGS) 11.50% (105 BMs) 8.00%	(1 AGS in Sn. Jose, Mindoro) 10.00% (6 sites) 8.65% (25 AGS) 11.50% (105 BMs) 8.00%	100 100	NCR has been added to the project coverage to	
Stations (AGS) 2. AGS Site selection 3. Maintenance of AGS 4. Validation of Philippine Geoid Model (PGM)	6 Sites 55 AGS (Outsourced) maintained 150 Benchmarks (BMs) validated 600 kms (Outsourced) releveled	(1 AGS) 10.00% (6 sites) 8.65% (25 AGS) 11.50% (105 BMs) 8.00% (300 kms)	(1 AGS in Sn. Jose, Mindoro) 10.00% (6 sites) 8.65% (25 AGS) 11.50% (105 BMs) 8.00% (300 kms)	100 100 100	NCR has been added to the project coverage to determine subsidence of BM in Metro Manila	
Stations (AGS) 2. AGS Site selection 3. Maintenance of AGS 4. Validation of Philippine Geoid Model (PGM)	6 Sites 55 AGS (Outsourced) maintained 150 Benchmarks (BMs) validated 600 kms (Outsourced) releveled	(1 AGS) 10.00% (6 sites) 8.65% (25 AGS) 11.50% (105 BMs) 8.00% (300 kms)	(1 AGS in Sn. Jose, Mindoro) 10.00% (6 sites) 8.65% (25 AGS) 11.50% (105 BMs) 8.00% (300 kms)	100 100 100		
Stations (AGS) 2. AGS Site selection 3. Maintenance of AGS 4. Validation of Philippine Geoid Model (PGM) 5. Releveling of BMs	6 Sites 55 AGS (Outsourced) maintained 150 Benchmarks (BMs) validated 600 kms (Outsourced) releveled 50 kms (In-house) releveled	(1 AGS) 10.00% (6 sites) 8.65% (25 AGS) 11.50% (105 BMs) 8.00% (300 kms) 2.00% (Description prepared)	(1 AGS in Sn. Jose, Mindoro) 10.00% (6 sites) 8.65% (25 AGS) 11.50% (105 BMs) 8.00% (300 kms) 8.00% (50 kms)	100 100 100 100		
Stations (AGS) 2. AGS Site selection 3. Maintenance of AGS 4. Validation of Philippine Geoid Model (PGM) 5. Releveling of BMs 6.a Geodetic control points (GCPs)	6 Sites 55 AGS (Outsourced) maintained 150 Benchmarks (BMs) validated 600 kms (Outsourced) releveled 50 kms (In-house) releveled	(1 AGS) 10.00% (6 sites) 8.65% (25 AGS) 11.50% (105 BMs) 8.00% (300 kms) 2.00% (Description prepared) 2.00%	(1 AGS in Sn. Jose, Mindoro) 10.00% (6 sites) 8.65% (25 AGS) 11.50% (105 BMs) 8.00% (300 kms) 8.00% (50 kms) 2.00%	100 100 100 100		
Stations (AGS) 2. AGS Site selection 3. Maintenance of AGS 4. Validation of Philippine Geoid Model (PGM) 5. Releveling of BMs 6.a Geodetic control points (GCPs)	6 Sites 55 AGS (Outsourced) maintained 150 Benchmarks (BMs) validated 600 kms (Outsourced) releveled 50 kms (In-house) releveled	(1 AGS) 10.00% (6 sites) 8.65% (25 AGS) 11.50% (105 BMs) 8.00% (300 kms) 2.00% (Description prepared) 2.00% (Preparation of travel	(1 AGS in Sn. Jose, Mindoro) 10.00% (6 sites) 8.65% (25 AGS) 11.50% (105 BMs) 8.00% (300 kms) 8.00% (50 kms) 2.00% (Preparation of travel	100 100 100 100		
Stations (AGS) 2. AGS Site selection 3. Maintenance of AGS 4. Validation of Philippine Geoid Model (PGM) 5. Releveling of BMs 6.a Geodetic control points (GCPs) recovery and updating	6 Sites 55 AGS (Outsourced) maintained 150 Benchmarks (BMs) validated 600 kms (Outsourced) releveled 50 kms (In-house) releveled 100 GCPs recovered and updated	(1 AGS) 10.00% (6 sites) 8.65% (25 AGS) 11.50% (105 BMs) 8.00% (300 kms) 2.00% (Description prepared) 2.00% (Preparation of travel documents)	(1 AGS in Sn. Jose, Mindoro) 10.00% (6 sites) 8.65% (25 AGS) 11.50% (105 BMs) 8.00% (300 kms) 8.00% (50 kms) 2.00% (Preparation of travel documents)	100 100 100 100		
Stations (AGS) 2. AGS Site selection 3. Maintenance of AGS 4. Validation of Philippine Geoid Model (PGM) 5. Releveling of BMs 6.a Geodetic control points (GCPs) recovery and updating	6 Sites 55 AGS (Outsourced) maintained 150 Benchmarks (BMs) validated 600 kms (Outsourced) releveled 50 kms (In-house) releveled 100 GCPs recovered and updated	(1 AGS) 10.00% (6 sites) 8.65% (25 AGS) 11.50% (105 BMs) 8.00% (300 kms) 2.00% (Description prepared) 2.00% (Preparation of travel documents) 6.80%	(1 AGS in Sn. Jose, Mindoro) 10.00% (6 sites) 8.65% (25 AGS) 11.50% (105 BMs) 8.00% (300 kms) 8.00% (50 kms) 2.00% (Preparation of travel documents) 8.40%	100 100 100 100		
Stations (AGS) 2. AGS Site selection 3. Maintenance of AGS 4. Validation of Philippine Geoid Model (PGM) 5. Releveling of BMs 6.a Geodetic control points (GCPs) recovery and updating 6.b Densification of gravity stations (GS)	6 Sites 55 AGS (Outsourced) maintained 150 Benchmarks (BMs) validated 600 kms (Outsourced) releveled 50 kms (In-house) releveled 100 GCPs recovered and updated	(1 AGS) 10.00% (6 sites) 8.65% (25 AGS) 11.50% (105 BMs) 8.00% (300 kms) 2.00% (Description prepared) 2.00% (Preparation of travel documents) 6.80%	(1 AGS in Sn. Jose, Mindoro) 10.00% (6 sites) 8.65% (25 AGS) 11.50% (105 BMs) 8.00% (300 kms) 8.00% (50 kms) 2.00% (Preparation of travel documents) 8.40%	100 100 100 100		

As of July 31, 2022

8. Client Services	100% clienst served	1.50%	1.50%	100		
		(100% clients served)	100% [3,313] clients served			
9. Finalization of Philippine Geodetic		2.00%	2.00%	100		
Vertical Datum (PGVD) 2020 Reports	2 Reports	(2 Reports)	(2 Reports)			
10. Preparation of DENR Memorandum	•	2.00%	0.50%	25	Ongoing editing of the MC	To be submitted to DENR before September 2022 for
Circular (MC) on PGVD 2020	1 DENR MC	(1 DENR MC submitted)	(1 DENR MC draft prepared)			comment
11. Dialogue with Philippine Geodetic		,				
Reference System (PGRS) Stakeholders	1 Forum					
Program: Resource Assessment as	nd Mapping		 			
1. Forestland Evaluation and Mapping		63.00	63.00	100		
	4 preliminary maps of UPF sites	60.00%	60.00%	100		
Public Forest (UPF) areas	2 Proposed LC maps (for NTEC	(4 preliminary maps	(4 preliminary maps			
	deliberation/approval of Secretary)	prepared; 1 UPF site	prepared; 1 UPF site			
	,	surveyed and mapped; 1	surveyed and mapped; 1			
		proposed LC map)	proposed LC map)			
	100% clients served	3.00%	3.00%	100		
		(100% clients served)	(100% [419] clients served)			
2. Land Cover Mapping	-	54.00	54.00	100		
	13 provinces	52.00%	52.00%	100		
		(13 provinces with preliminary	(13 provinces with preliminary			
		data analyzed; 5 provinces	data analyzed; 5 provinces			
		surveyed, 5 provinces data	surveyed, 5 provinces data			
		assessed)	assessed)			
	100% clients served	2.00%	2.00%	100		
		(100% clients served)	(100% clients served)			
3. Coastal Resource Mapping and Assessm		65.80	65.80	100		
	10 provinces	60.60%	60.60%	100		
		(10 provinces field	(10 provinces field			
		surveyed; 8 provinces	surveyed; 6 provinces			
		accuracy assessed)	accuracy assessed)			
	100% clients served	1.00%	1.00%	100		
		(100% clients served)	(100% clients served)			
4. ENR Data Integration (Geospatial Data Integration)		61.00	61.00	100		
	5 provinces	59.00%	59.00%	100		
	o provinces		(5 provinces with preliminary	100		
		(5 provinces with preliminary data prepared; 5 provinces	data prepared; 5 provinces	,		
		field surveyed; 2 provinces data	field surveyed; 2 provinces data			
	100% clients served	edited) 2.00%	edited) 2.00%	100		
	100 /0 Chemes served	(100% clients served)	(100% clients served)	100		
		(100% chents served)	(100% Chefits served)			L

5. Participatory Mapping of Existing La	nd Uses	60.00	60.00	100	
	1 province	60.00%	60.00%	100	
		(Preliminary data	(Preliminary data		
		and prepared, field surveyed	prepared and field surveyed)		
		data edited)			
Program: Geospatial Informati	on Management	VO.=			
l. Information System Development as	nd Maintenance	49.75	49.75	100	
1. System Analysis	5 Systems	13.00%	13.00%	100	
		(5 systems)	(5 systems)		
2. System Design	4 Systems	8.00%	8.00%	100	
		(4 systems)	(4 systems)		
3. Application Development	5 Applications	17.75%	17.75%	100	
		(5 systems)	(5 systems)		
4. System Implementation	5 Systems	1.00%	1.00%	100	
		(1 system)	(1 system)		ľ
5. System Maintenance	36 Systems	10.00%	10.00%	100	
		(36 systems)	(36 systems)		
2. Geospatial Database Development a	nd Maintenance	62.31	62.31	100	
I. Database design	2 Databases	20.00%	20.00%	100	
		(2 databases)	(2 databases)		
2. Database Maintenance Buildup	2 Updated Databases	11.00%	11.00%	100	
		(2 databases)	(2 databases)		
3. Database maintenance	1 Database maintained	5.81%	5.81%	100	
		(1 database)	(1 database)		
1. Research and Analysis of existing					
geospatial databases			1		
Report on design and development	Report on Design and Development	6.00%	6.00%	100	
enterprise portal	Enterprise Portal	(1 Preliminary Report)	(1 Preliminary Report)		
Proposal for the integration of existing	Proposal for the integration of existing	6.00%	6.00%	100	
Operations Support Databases	operations support databases	(1 Draft Report)	(1 Draft Report)		
5. LGU GIS Capability Assessment	Assessment Report	6.00%	6.00%	100	
- •		(1 Report)	(1 Report)		
5. Philippine Integrated Geospatial	Special Order (S.O.) for the creation of	1.00%	1.00%	100	
nformation Management (PIGIM)	NAMRIA Working Group/Steering Committee	(S.O.)	(S.O.)	-70	
	Report on the status of implementation of	0.50%	0.50%	100	
	NAMRIA Open Data Policy	(1 Report)	(1 Report)		
7. Technical Support		6.00%	6.00%	100	
	Technical Support Report	(1 Report)	(1 Report)	100	
B. Geospatial Information Services and					
Information, Education, and Commu		55.89	55.89	100	

Media Production and Packaging		13.00%	13.00%	100	
	4 NAMRIA IEC materials published	2 NAMRIA IEC materials	2 NAMRIA IEC materials		
	100% events covered through published	published	published		
	NAMRIA Newscoop (NN)	100% NN published	100% [20] NN published		
				1	
2. Information dissemination and		14.24%	14.24%	100	
documentation	5 IEC campaign/webinar conducted	3 IEC campaigns	3 IEC campaigns		
	100% tour of facilities (TOF) requests served	100% TOF requests served	100% [2] TOF requests		
	(as need arises)		served		
	1 set up photo exhibit	1 photo exhibit	1 photo exhibit		
	100% requests served for photo and	100% photo and video	100% [17] photo and [11]		
	video documentation (as need arises)	requests served	video requests served		
3. Geomatics Training		13.50%	13.50%	100	
	100% regular/special/MOA-based/In-house/	100% training programs	100% [17] training		
	Online training programs conducted (as	conducted	programs conducted		
	need arises)				
	2021 NGTC Training Report submitted	1 Training Report	1 Training Report		
4. Client Services		15.15%	15.15%	100	
	100% clients served through e-mail, phoned-	100% clients served	100% [6,067] clients		
1	in, and walk-in queries in CSS, MSO, and		served		
	IEC (as need arises)				
	6 Reports submitted	4 Reports	4 Reports		
	Concept paper on the Integrated Client	I-			
	Services				
1	12 Monthly Sales Reports submitted	7 Monthly Sales Reports	7 Monthly Sales Reports		
	2021 MSO Sales Report submitted	2021 MSO Sales Report	2021 MSO Sales Report		
4. Information and Communications Technology Resource Management		55.49	55.73	100	
Maintenance of computer system					
, , , , , , , , , , , , , , , , , , , ,	1 Updated list of ICT equipment	_			
2. ICT Equipment maintenance	100% of computer systems (563) maintained	27.23%	27.47%	100	
	semestrally	(704 computer systems)	(723 computer systems)		
	A minimum of 95% operational monthly	(=>95% operational)	(99.993% operational)		
3. Network/Datacenter Maintenance	1 Network system operational at a	22.82%	22.82%	100	
and Administration	minimum of 95% monthly	(=>95% operational)	(99.921% operational)		
	Zero (0) successful hacking and data breach				
1	incident reported				
	Disaster Recovery Program and Cloud	(Status Report)	(Status Report)		
1		1	ľ ' '		
	Environment (GP Website)				
4. ICT Research and Analysis	Environment (GP Website)				
	Environment (GP Website) 1 Case Study	2.50%	2.50%	100	

National Mapping and Resource Information Authority

Physical Performance Report

As of July 31, 2022

- ICT Resource Management	1 ICTRM IS maintained	2.94%	2.94%	100	
Information System (ICTRM IS)		(1 ICTRM IS maintained)	(1 ICTRM IS maintained)		
Maintenance					

APPROVED BY:

Certified Correct By:

c. PETER N. TIANGCO, PhD, CESO I

Department/Agency Head

PAULINA S. BERNABE Head, Planning Unit

Head Finance Unit