

**NATIONAL MAPPING AND RESOURCE INFORMATION AUTHORITY-
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES (NAMRIA-DENR)
PROPOSED FEES AND CHARGES**

Product/Service	Legal Basis	Existing Prescribed Rate	Proposed Rate	Increase	Percent Increase	Justification
Analog Maps	<i>Executive Order number 192</i>					
Topographic Maps (36 inches x 36 inches)		120.00	150.00	30.00	25%	Fees paid are already very minimal considering the production cost and the value of the data. Maps are printed in A0-size paper and in large-format plotters. Further, these products are provided free of charge to all national government agencies (NGAs) and local government units (LGUs), including the academia for their thesis and research purposes.
Administrative Map						
Philippine Map (42 inches x 45 inches)		300.00	300.00	-	0%	
Regional Maps (various sizes, minimum of 36 inches x 36 inches)		200.00	200.00	-	0%	
Provincial Maps (various sizes, minimum of 36 inches x 36 inches)		200.00	200.00	-	0%	
Nautical Charts						
Black and White (AO or 1.1 x 0.75 meters)		450.00	700.00	250.00	56%	These charts are used by both domestic and foreign shipping lines. International market prices are: United Kingdom Hydrographic Office (UKHO) £24.80 or PHP1,545.78; Japan Hydrographic Association (JHA) ¥ 3456 or PHP1,520.64
Colored (AO or 1.1 x 0.75 meters)		600.00	900.00	300.00	50%	
Nautical Chart including Chart Index (AO or 1.1 x 0.75 meters)		<i>print on demand</i>	1,500.00			

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Land Classification Map						
LC Map (printed copy)		PHP250.00 for the first square meter and additional PHP30.00 for every increment of 0.30 square meter; Additional PHP25.00 per sheet for "Certified True Copy" stamp	PHP250.00 for the first square meter and additional PHP30.00 for every increment of 0.30 square meter; Additional PHP25.00 per sheet for "Certified True Copy" stamp	-	0%	
Digital Data						
Topographic Maps (Vector)						
Scale 1:10,000, per sheet (3 minutes x 3 minutes approximately 5.4 km x 5.4 km)		9,000.00	9,000.00	-	0%	
Scale 1:50,000, per megabyte, per map sheet		300.00	300.00	-	0%	
Scale 1:250,000, per megabyte, per map sheet		300.00	300.00	-	0%	
Topographic Maps (Scanned)						
All scales, per square centimeter		300 per sheet	0.10	-		
Topographic Maps (georeferenced)						
Scale 1:10,000, per sheet		600.00	600.00	-	0%	
Scale 1:50,000, per sheet		600.00	600.00	-	0%	
Scale 1:250,000, per sheet		600.00	600.00	-	0%	
Satellite Imageries						
SPOT (2.5 x 2.5 meter resolution) 15 minutes x 15 minutes Orthoimage		<i>new product</i>	6,000.00			
Advanced Land Observing Satellite satellite imageries (raster, Geotiff) (15 minutes x 15 minutes)		4,860.00	4,860.00			
WorldView 2 & GeoEye (0.5 x 0.5 meter resolution), 3 minutes x 3 minutes orthoimage		<i>new product</i>	6,000.00			

Product/Service	Legal Basis	Existing Prescribed Rate	Proposed Rate	Increase	Percent Increase	Justification
Aerial Photograph						
Orthophoto 1:5,000 or 1:10,000 (1.5 minutes x 1.5 minutes or 3 minutes x 3 minutes approximately 2.7km x 2.7km or 5.4km x 5.4km respectively, 0.20 - 1.5 meter ground sample distance [GSD])		6,000.00	6,000.00	-	0%	
Interferometric Synthetic Aperture Radar (IFSAR) Orthorectified Radar Image (ORI), per hectare (0.625 meter GSD)		1.00	2.00	1.00	100%	Increased fees due to cost in maintaining the NAMRIA Data Center as well as the updating of both software and hardware systems used to process and generate the IFSAR airborne data and in upgrading of the database system. Further, these products of significantly high value are provided free of charge to all NGAs and LGUs, including the academia for their thesis and research purposes
IFSAR Digital Surface Model (DSM), per hectare (5 meters GSD)		1.00	2.00	1.00	100%	
IFSAR Digital Terrain Model (DTM), per hectare (0.625 meter GSD)		1.00	2.00	1.00	100%	
Scanned aerial photograph negative (digital 10 inches x 10 inches)		<i>new product</i>	600.00			
Land Cover Map (Vector)						
Current Series Land Cover Map (per hectare)		600.00 (per 15 minutes x 15 minutes)	0.012 per hectare			
Old Series Land Cover Map (per hectare)		300.00 per megabyte	0.010 per hectare			
Coastal Resource Map/Inundation Maps						
Coastal Resources Maps (Vector)		<i>new product</i>	0.33 per hectare	-	0%	
Inundation Maps of Coastal Low-Lying Areas		<i>new product (print on demand)</i>	600.00/jpeg	-	0%	50% discount for students, LGUs, and NGAs
Slope Map						
IFSAR-Based Slope Map (Vector)		<i>new product</i>	0.02 per hectare	-	0%	PHP200 minimum of 10,000 hectares-(shape file) Php0.02 in excess per hectare
IFSAR-Based Slope Map		<i>new product (print on demand)</i>	600.00/jpeg	-	0%	50% discount for students, LGUs, and NGAs
IFSAR-Based Slope Map Certification		<i>new product/ service</i>	minimum of 9,180.00 (cost varies with lot area)	-	0%	Memorandum of Agreement with field validation

Product/Service	Legal Basis	Existing Prescribed Rate	Proposed Rate	Increase	Percent Increase	Justification
Aspect Map						
IFSAR-Based Aspect Map (Vector)		<i>new product</i>	0.02 per hectare	-	0%	PHP200 minimum of 10,000 hectares shape file) PHP0.02 in excess per hectare
IFSAR-Based Aspect Map		<i>new product (print on demand)</i>	600.00/jpeg	-	0%	50% discount for students, LGUs, and NGAs
Hydrographic Smooth Sheet (Inshore: Ports and Harbors)						
Hydrographic Smooth Sheet, A0 size, digital (raster or vector)		10,000.00	1,500.00 + 10,000.00 - (950.00*year factor) maximum of 10 years			Year factor = number of years of survey; depreciates with maturity of data; Salvage value is PHP500.00 for use as historical data product; Evens out the expenses incurred
Gridded Bathymetric Data (xyz) per square kilometer		<i>new product</i>	100.00 per kilobyte			
Digital Chart (scanned) jpeg or pdf		700.00	700.00	-	0%	This price is comparable to international market prices. UKHO £ 15.50 or PHP930.00
Digital Chart (geo-tiff only)		700.00	2,000.00	1,300.00	186%	The chart is georeferenced
Electronic Navigational Chart (ENC) per cell		small scale - 600.00	1,000.00	400.00	67%	Proposed rate is close to international market price.
		large scale - 800.00		200.00	25%	
ENC update per cell		200.00	200.00	-	0%	
Publications						
<i>Notice to Mariners</i>		<i>Free</i>	<i>Free</i>	<i>Free</i>	<i>Free</i>	<i>Notice to Mariners (NTM)</i> is a supplement of charts that states corrections and notices. It is distributed free of charge for the safety of navigation at sea and is distributed in paper form and through various media. Comparable prices are as follows: UKHO - 2.55 pounds or PHP163.82, JHA - Free, and United States (US) National Ocean Service (NOS) - Free

Product/Service	Legal Basis	Existing Prescribed Rate	Proposed Rate	Increase	Percent Increase	Justification
<i>Tide and Current Tables</i>		480.00	500.00	20.00	4%	Evens out the expenses incurred.
<i>Philippine List of Lights</i>		400.00	500.00	100.00	25%	<i>Philippine List of Lights</i> is a reference material very useful to mariners during navigation at sea. It is a compilation of the list of lights (e.g., lighthouses, beacons, and lighted towers) covering the entire country. Comparable prices are as follows: UKHO - 29.90 pounds or PHP1,913.74; JHA - ¥5,082 or PHP2,130.25; and US NOS - \$50.00 or PHP2,112.50.
<i>Philippine Coast Pilot Book per volume (printed or digital version)</i>		2,000.00	2,000.00	-	0%	Digital version is new product.
Services						
Production of Aerial Photographs						
Paper print, 10 inches x 10 inches (25.4 centimeters x 25.4 centimeters)		250.00	300.00	50.00	20%	Fees paid are already very minimal considering the production cost and the value of the data. Further, these products are provided free of charge to all NGAs and LGUs, including the academia for their thesis and research purposes
2X enlargement 22 inches x 22 inches (55.88 centimeters x 55.8 centimeters)		1,800.00	2,160.00	360.00	20%	
3X enlargement 32 inches x 32 inches (81.28 centimeters X 81.28 centimeters)		2,400.00	2,880.00	480.00	20%	
4X enlargement 42 inches x 42 inches (106.60 centimeters x 106.60 centimeters)		3,200.00	3,840.00	640.00	20%	
Global Positioning System (GPS) survey evaluation, network adjustment, processing, per point		500.00	250.00	(250.00)	-50%	To make geodetic control products and services affordable to the surveying community which will translate to reduced Geodetic Engineering (GE) survey services
Certification of GPS receivers, per receiver		1,800.00	900.00	(900.00)	-50%	
Certification of horizontal control data, per station		360.00	180.00	(180.00)	-50%	
Certification of gravity station data, per station		360.00	180.00	(180.00)	-50%	
Certification of vertical control data, per station		360.00	180.00	(180.00)	-50%	
Certification of tide gage benchmark (tgbm), per station		<i>new product</i>	180.00			
Raw/processed tidal hourly heights per month per station		300.00	360.00	60.00	20%	- Minimal increase - Old product
Processed times and heights of high and low waters including tidal interval of daily heights per station per month		300.00	360.00	60.00	20%	Computed price is within the range of the current price.

Product/Service	Legal Basis	Existing Prescribed Rate	Proposed Rate	Increase	Percent Increase	Justification
Annual mean tidal datum plane including monthly mean tidal datum planes per datum		300.00	360.00	60.00	20%	Computed price is within the range of the current price.
Annual mean sea level including monthly means per station		300.00	360.00	60.00	20%	Computed price is within the range of the current price.
Processed tide reducers per month per station (per datum)		300.00	360.00	60.00	20%	Computed price is within the range of the current price.
Highest and lowest tide observed per station (historical)		150.00	360.00	210.00	140%	Current price is too low.
Advanced copy of tide prediction per month per station		<i>new product</i>	360.00	<i>new product</i>		
Tidal extremes per station per year including monthly data		360.00	360.00	-	0%	Old product
Tidal data processing and analysis		1,000.00	1,000.00	-	0%	Old product
Processed serial cast Conductivity Temperature Depth/Expendable BathyThermograph (sound velocity, temperature, salinity, conductivity, pressure) per inshore or offshore oceanographic station a. Combination of 3 parameters or less b. Combination of 4 or more parameters		<i>new product</i>	a) 400 .00			
			b) 600.00			
Raw/processed data of tidal current per month per station		300.00	360.00	60.00	20%	- Minimal increase - Old product
Magnetic Observatory Data						
Isogonic Chart (AO or 1.1 x 0.75 meters)		<i>new product (print on demand)</i>	1,500.00			
Magnetic observatory one-month raw data		<i>new product</i>	650.00			Considers Magnetic Observation demand as 95% service and 5% product. Evens out expenses to 5% demand.
Magnetic observatory one-month processed data		<i>new product</i>	850.00			Mean of Raw and Combined Raw+Processed data. Marketing strategy: client is likely to buy the higher product (processed over raw and raw+processed over processed)

Product/Service	Legal Basis	Existing Prescribed Rate	Proposed Rate	Increase	Percent Increase	Justification
Magnetic observatory one-month raw and processed data		<i>new product</i>	1,100.00			Considers Magnetic Observation demand as 95% service and 5% product. Evens out expenses to 5% demand.
Hydrographic Surveys						
Inshore survey including rivers and lakes, multibeam		<i>new product</i>	12,500.00 per hour excluding mobilization and demobilization			Recovers cost for survey equipment and platform maintenance
Inshore survey including rivers and lakes, single beam		<i>new product</i>	10,000.00 per hour excluding mobilization and demobilization			Recovers cost for survey equipment and platform maintenance
Offshore Survey, multibeam		<i>new product</i>	70,000.00 per hour excluding mobilization and demobilization			Recovers cost for survey equipment and platform maintenance
Certification of Municipal Water Boundaries		5,000.00 plus 50.00 per kilometer	5,000.00 plus 50.00 per kilometer			Certification of Municipal Water Boundaries is mandated by Republic Act number 8550. It is a proof that the said waters is covered by the municipality. Its purpose is to allow local government units to enforce their municipal ordinances. No comparables.
Certification of NTM publication for exploration activities		2,500.00	2,500.00	-	0%	Certification of Exploration Permit is proof that the oil exploration companies have informed the office of the exploration. The office afterwards issues navigational warnings pertaining to the exploration. No comparables.
Certification of nautical distances, for 25 nautical miles + 25.00/additional nautical mile		180.00	180.00	-	0%	It is a requirement of MARINA to register vessel's route for franchise application. No comparables.

Product/Service	Legal Basis	Existing Prescribed Rate	Proposed Rate	Increase	Percent Increase	Justification
Bathymetric chart, shallow waters series		<i>new product</i>	10,000.00 per A0 paper size smooth sheet			The Hydrographic Data Management Section has archived bathymetric data collected through various surveys and joint projects. Bathymetric data can be used to produce various products that can be customized to the client's requirements as well as to the purpose of use of the data.
Bathymetric chart, deep waters series		<i>new product</i>	10,000.00 per A0 paper size smooth sheet			
Bathymetric chart, grid file		<i>new product</i>	10,000.00 per A0 paper size smooth sheet at 1-centimeter data resolution on specified scale (The pricing shall be proportional if the data do not cover the whole water area.)			
Bathymetric data, ASCII xyz file		<i>new product</i>	10,000.00 per A0 paper size smooth sheet at 1-centimeter data resolution on specified scale (The pricing shall be proportional if the data do not cover the whole water area.)			
Certification and Evaluation of Maps and Map Products for Publication						
Application Fee			500.00			
Evaluation Fee		2,500.00	(0.2 x area in square centimeters) plus 2,000.00			
Certification Fee			200.00			
Certified True Copy of corresponding DENR Forestry Administrative Order (FAO)/Department Administrative Order (DAO)		<i>new product</i>	100.00			
Certification of No Records of FAO/DAO		<i>new product</i>	100.00			
Forestry Administrative Order of LC Map, printed copy (not a certified true copy)		25.00/page	25.00/page	-	0%	
Certified true copy of FAO		50.00/page	50.00/page	-	0%	
Certification of No Record of LC Map		100.00/copy	100.00/copy	-	0%	
Certification of No Record of FAO		100.00/copy	100.00/copy	-	0%	
Philippine Active Geodetic Network						
Registration Fee		1,000.00 per client	<i>Free</i>	-	0%	

Product/Service	Legal Basis	Existing Prescribed Rate	Proposed Rate	Increase	Percent Increase	Justification	
Receiver Independent Exchange Format Download							
Per download per station		100.00 per hour per Active Geodetic Station (AGS)	50.00 per megabyte of data		0%		
Unlimited Downloads Per Station							
1 day		1,000.00	500.00	(500.00)	-50%	To promote and make PageNet products and services affordable to the surveying community which will translate to reduced GE survey services	
5 days		3,000.00	1,500.00	(1,500.00)	-50%		
15 days		7,500.00	3,750.00	(3,750.00)	-50%		
1 month		12,000.00	6,000.00	(6,000.00)	-50%		
Real-Time Kinematic (single base)							
Per connection			50.00 per hour (minimum charge of 100.00 per connection) per AGS per rover			New rate due to increased cost in establishment and maintenance of Active Geodetic Stations (AGS) for the Philippine Active Geodetic Network (PageNET)	
Unlimited Connection							
1 day		1,000.00	1000.00 + 250.00 per additional rover	250.00 per additional rover	25%		
5 days		4,000.00	4,000.00 + 250.00 per additional rover	250.00 per additional rover	6%		
15 days		9,000.00	9,000.00 + 250.00 per additional rover	250.00 per additional rover	3%		
1 month		15,000.00	15,000.00 + 250.00 per additional rover	250.00 per additional rover	2%		
Printing of Topographic/Administrative Maps/Nautical Charts and Other Maps							
Plain Paper, per square centimeter		1.00/square inch	1.16	0.16	16%	Based on clients' comments, print-on-demand charts are expensive (currently at 1,500.00 per chart) but printed on a lower quality of paper compared to mass produced charts.	
Photo Paper, Matte, per square centimeter		1.50/square inch	1.74	0.24	16%		
Photo Paper, Glossy, per square centimeter		2.00/square inch	2.32	0.32	16%		
Printing of NAMRIA Resource Data Analysis Branch Thematic Maps							
Ordinary paper (1.00/sq. in)							
A0 (42" x 36")		1,500.00	1,500.00				

Product/Service	Legal Basis	Existing Prescribed Rate	Proposed Rate	Increase	Percent Increase	Justification
A1 (23" x 33")		775.00	775.00			
A2 (16" x 23")		387.00	387.00			
A3 (11 " x 16")		193.00	193.00			
Photo Paper, Glossy (2.00/sq.in.)						
A0 (42" x 36")		3,000.00	3,000.00			
A1 (23" x 33")		1,550.00	1,550.00			
A2 (16" x 23")		774.00	774.00			
A3 (11 " x 16")		386.00	386.00			
Printing of Orthoimage/Orthophoto						
1:5,000 or 1:10,000, per square centimeter		2.00/square inch	2.50	0.50	25%	Fees paid are already very minimal considering the production cost and the value of the data. Maps are printed in A0-size paper and in large-format plotters. Further, these products are provided free of charge to all NGAs and LGUs, including the academia for their thesis and research purposes
Tarpaulin		2.00/square inch	2.50	0.50	25%	
Customized GIS Map (processing and printing), per sheet		<i>new product</i>	1,500.00			
Geomatics Training, per person per day		1,200.00	1,500.00	300.00	25%	