BookletChart™

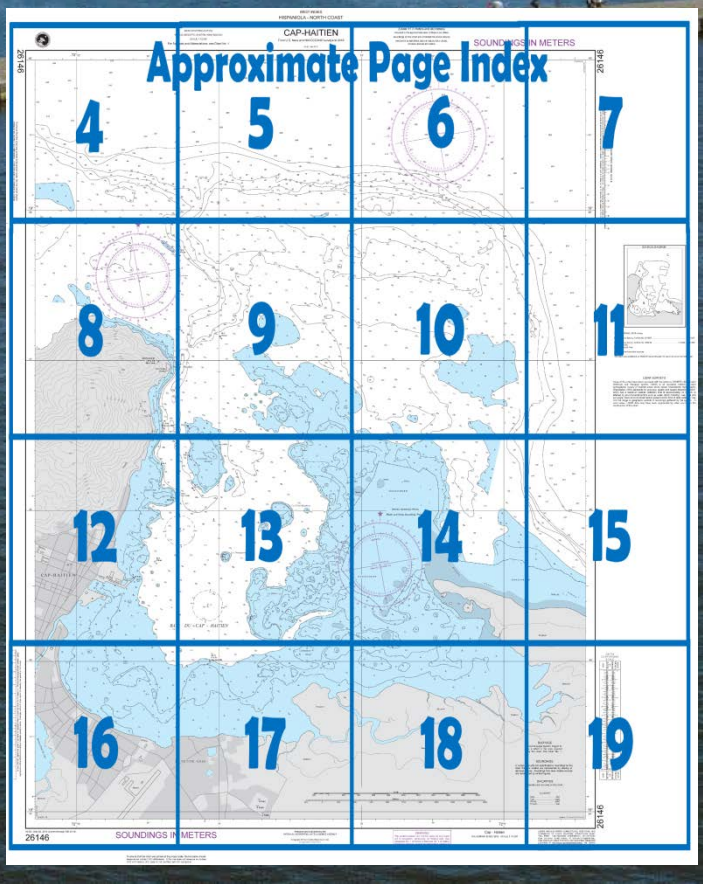
Cap-Haitien

NGA Chart 26146

A reduced-scale NGA nautical chart for small boaters

When possible, use the full-size NGA chart or Electronic Nautical Chart (ENC) for navigation.

- *Complete, reduced-scale nautical chart*
- *Print at home for free*
- *Convenient size*
- *Latest Notices to Mariners information provided*
- *Formatted by NOAA's Office of Coast Survey, the nation's chartmaker*



VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.
Channel 9 – Communications between boats and ship-to-coast.
Channel 13 – Navigati purposes at bridges, locks, and harbors.
Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other vessels. Contact the other vessel, agree to another channel, and then switch.
Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.
Channels 68, 69, 71, 72 and 78A – Recreational boat channels.

Getting and Giving Help — Signal other boaters using visual distress signals (flares, orange flag , lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

Distress Call Procedures

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- Release transmit button.
- Wait for 10 seconds — If no response Repeat MAYDAY call.

HAVE ALL PERSONS PUT ON LIFE JACKETS!

Quick References

Nautical chart related products and information - **http://www.nauticalcharts.noaa.gov**
Interactive chart catalog - **http://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml**
Report a chart discrepancy - **http://ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx**
Chart and chart related inquiries and comments - **http://ocsdata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs**
Coast Pilot online - **http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm**
Tides and Currents - **http://tidesandcurrents.noaa.gov**
Marine Forecasts - **http://www.nws.noaa.gov/om/marine/home.htm**
National Data Buoy Center - **http://www.ndbc.noaa.gov/**
NowCoast web portal for coastal conditions - **http://www.nowcoast.noaa.gov/**
National Weather Service - **http://www.weather.gov/**
National Hurricane Center - **http://www.nhc.noaa.gov/**
Pacific Tsunami Warning Center - **http://ptwc.weather.gov/**
Contact Us - **http://www.nauticalcharts.noaa.gov/staff/contact.htm**

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This Booklet chart has been designed for duplex printing (printed on front and back of one sheet). If a duplex option is not available on your printer, you may print each sheet and arrange them back-to-back to allow for the proper layout when viewing.

NOAA's Office of Coast Survey The Nation's Chartmaker

Conversion Factors

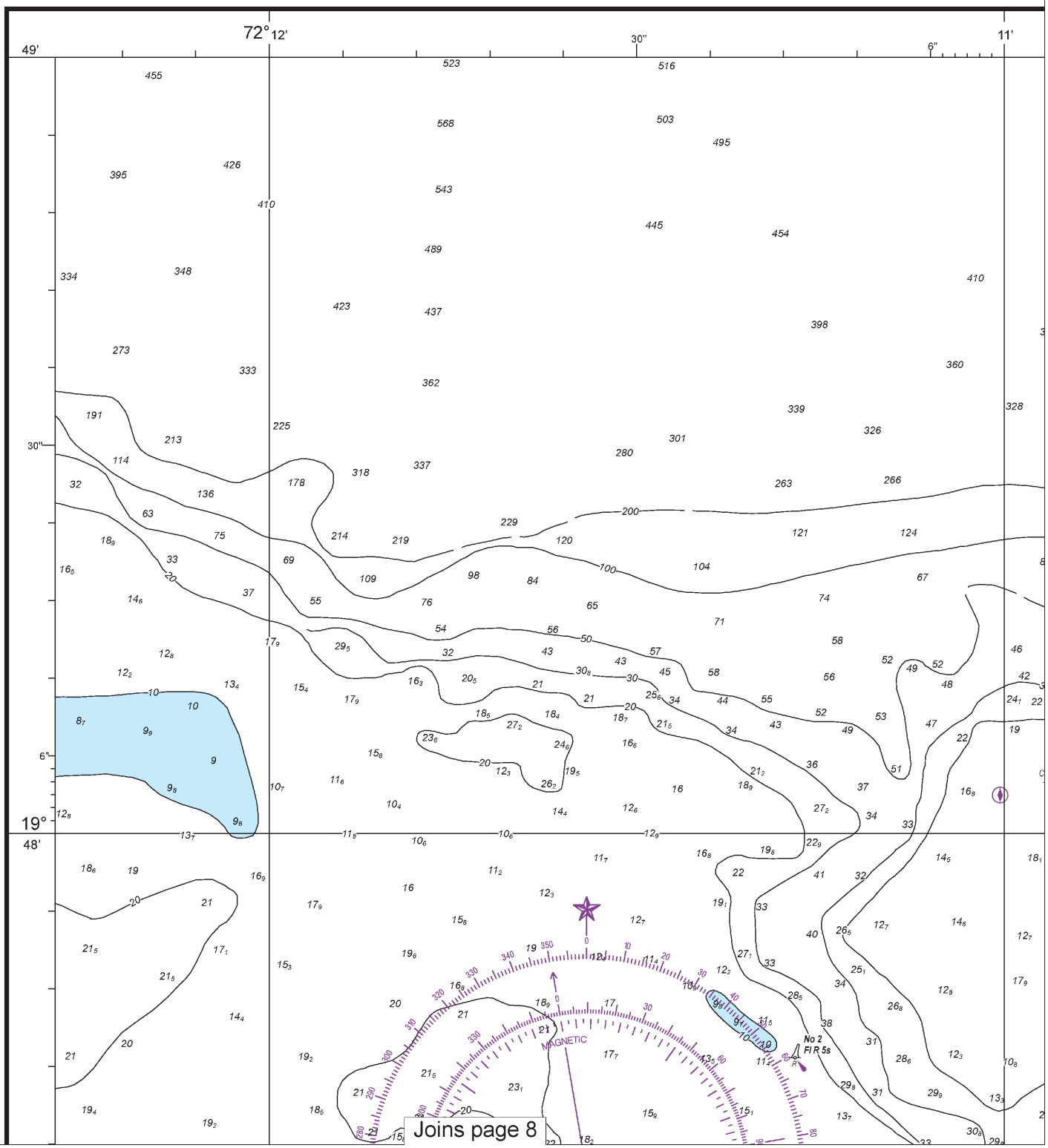
	Known Value	Multiply By	Unknown Value
Linear	inches	25.40	millimeters
		2.540	centimeters
	centimeters	0.032808	feet
	feet	30.48	centimeters
		0.3048	meters
		0.00016458	nautical miles
	yard	0.9144	meters
	meters	3.2808	feet
		1.094	yards
		0.0005399	nautical miles
	statute miles	0.86897	nautical miles
		1.6093	kilometers
		1,609.3	meters
	nautical miles	1.151	statute miles
Area	square feet	0.0929	square meters
		0.00002296	acres
	square meters	10.764	square feet
		0.0002471	acres
	acres	4,046.9	square meters
		43,560	square feet
		0.404685	hectare
	hectare	2.471054	acres
		10,000	square meters
		1.07639×10^5	square feet
Depths	fathoms	1.8288	meters
	meters	0.54681	fathoms
		3.2808	feet
	feet	0.3048	meters
Rate	feet per second	0.5925	knots
		0.6818	miles per hour
		30.48	centimeters per second
	statute miles per hour	0.8689	knots
		1.467	feet per second
		0.447	meters per second
	knots	1.151	miles per hour
		0.5144	meters per second
		1.6878	feet per second
	centimeters per second	0.01944	knots
		0.02237	miles per hour
		0.032808	feet per second
Mass	grams	0.035275	ounces
		0.002205	pounds
	ounces	28.349	grams
	pounds	0.45359	kilograms
	short tons	2,000	pounds
		0.89286	long tons
		0.9072	metric tons
Mass	long tons	2,240	pounds
		1.12	short tons
		1.016	metric tons
	metric tons	1,000	kilograms
		0.9842	long tons
		1.1023	short tons
		2,204.6	pounds
Volume	barrels (petroleum)	42	gallons (US)
		158.99	liters
	barrels (liquid, US)	31.5	gallons (US)
		26.229	gallons (British)
		119.24	liters
	gallons (US)	0.02381	barrels (petroleum)
		3.7854	liters
	liters	0.26417	gallons (US)

Measurements and Equivalencies

Unit	Equivalency
nautical mile	1,852 meters 6,076.12 feet
statute mile	5,280 feet 1,609.3 meters 1.6093 kilometers
cable	0.1 nautical mile (CN) 720 feet (US)
fathom	6 feet 1.8288 meters
foot	0.3048 meter
inch	2.54 centimeters
meter	39.37 inches 3.281 feet 1.0936 yards
kilometer	1,000 meters
knot	1.6877 feet per second 0.5144 meters per second
miles per hour (statute)	1.466 feet per second 0.44704 meters per second
acre	43,560 square feet 4,046.82 square meters
pound (avoirdupois)	453.59 gram
gram	0.0022046 pound (avoirdupois) 0.035274 ounce
short ton	2,000 pounds
long ton	2,240 pounds
metric ton	2,204.6 pounds
kilogram	2.2 pounds
liter	1.0567 quarts
barrel (petroleum)	42 gallons (US)

MERCATOR PROJECTION
WORLD GEODETIC SYSTEM 1984 (WGS-84)
SCALE 1:10,000
For Symbols and Abbreviations, see Chart No.

26146



To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters). If the line does not measure six inches (152 millimeters), this copy is not certified safe for navigation.

Printed at reduced scale. ~~SCALE 1:10,000~~ See Note on page 5.

Nautical Miles
0
Yards
200 0 200 400 600 800 1000 1200

Note: Chart grid lines are aligned with true north.

WEST INDIES

HISPANIOLA - NORTH COAST

HAITI

CAP-HAITIEN

From U.S. Navy and NAVOCEANO surveys to 2010

1st Ed., May 2010

SOUNDINGS IN METERS

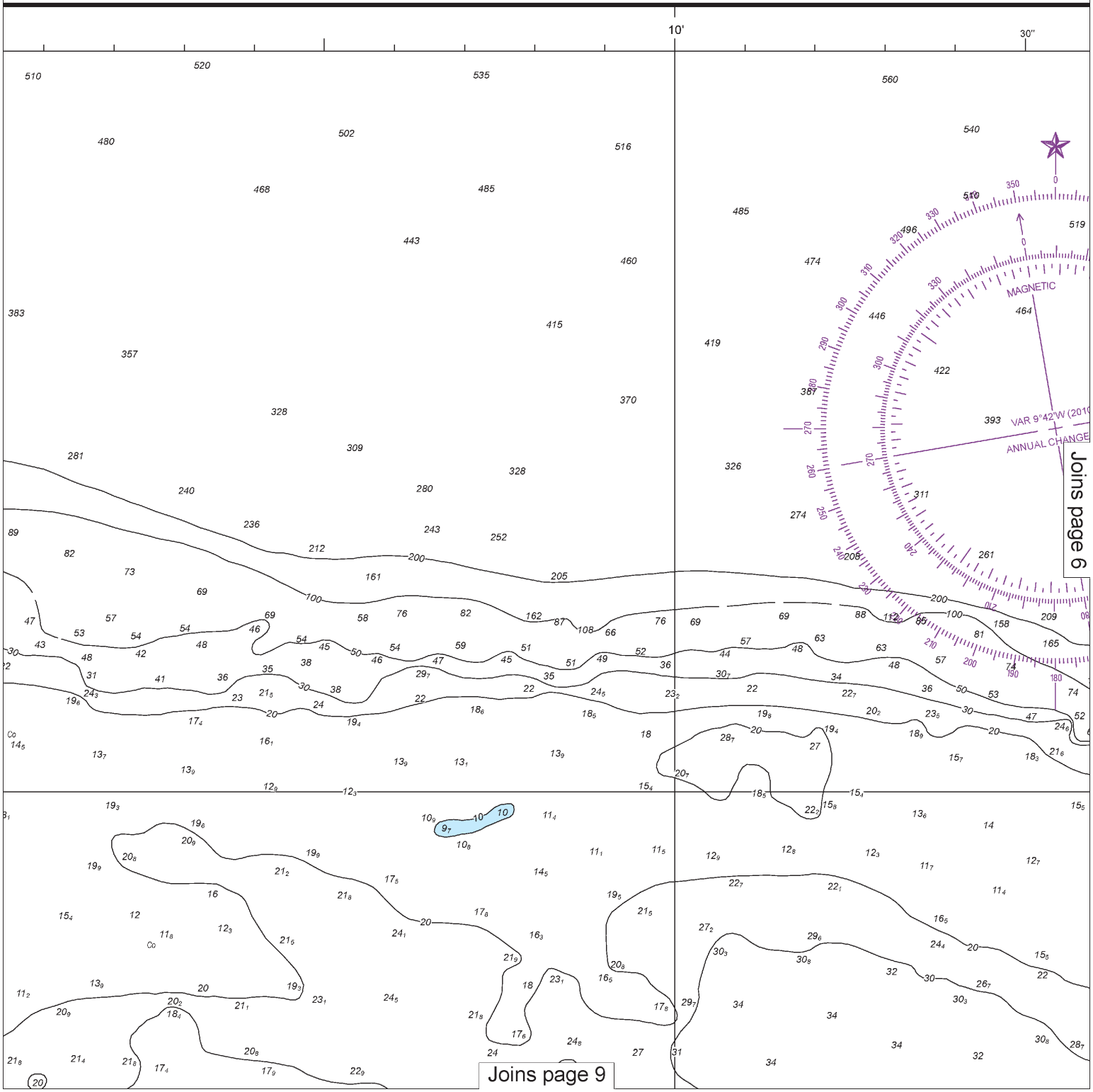
(Under 31 in meters and decimeters)

reduced to the approximate level of Mean Low Wa

Soundings on this chart are corrected for sound velo

HEIGHTS IN METERS ABOVE MEAN SEA LEVE

Contour interval 20 meters



This BookletChart was reduced to 75% of the original chart scale. The new scale is 1:13333. Barscales have also been reduced and are accurate when used to measure distances in this BookletChart.

WEST INDIES

HISPANIOLA - NORTH COAST

HAITI

CAP-HAITIEN

From U.S. Navy and NAVOCEANO surveys to 2010

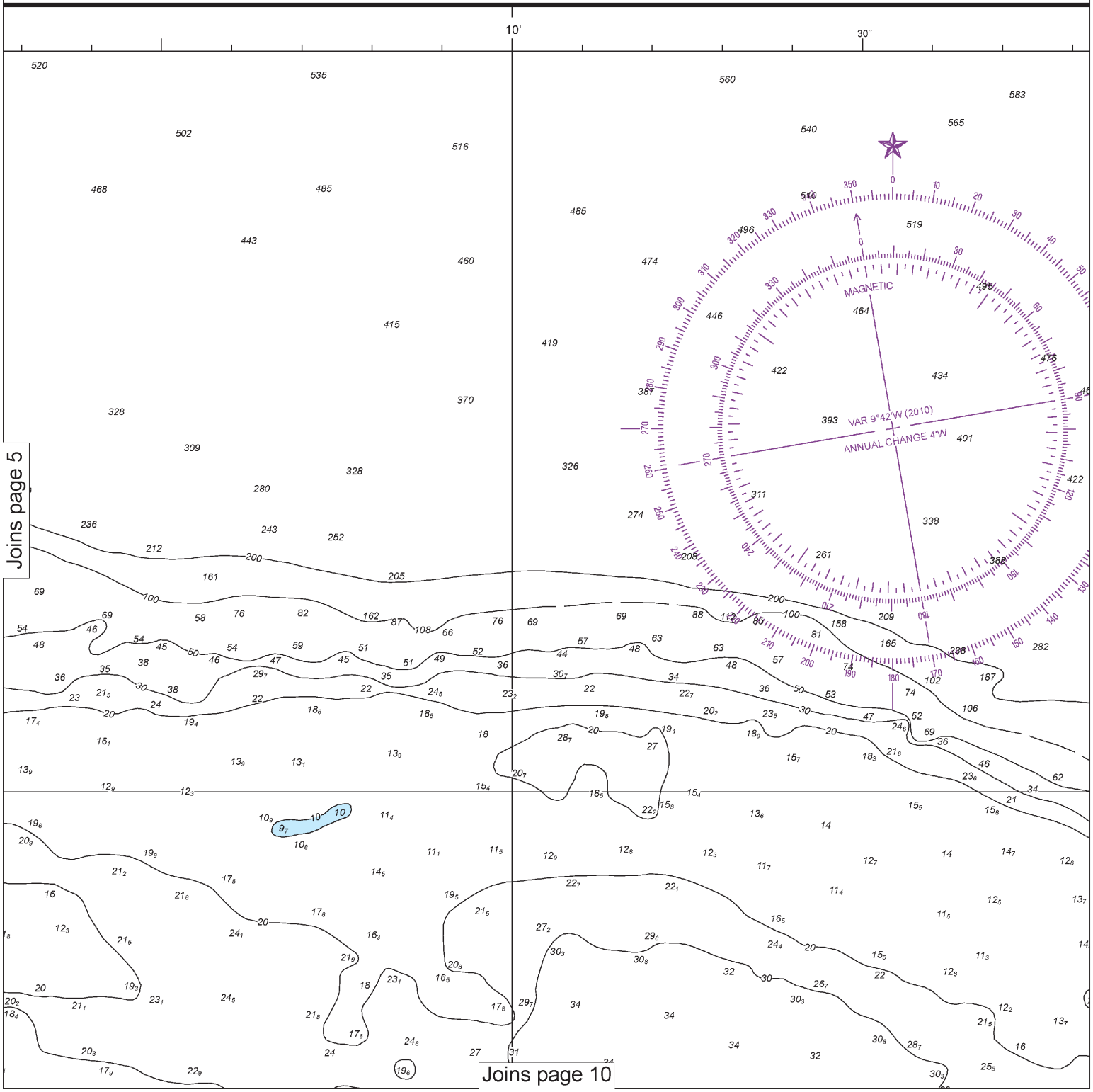
1st Ed., May 2010

SOUNDINGS IN METERS
(Under 31 in meters and decimeters)
reduced to the approximate level of Mean Low Water

Soundings on this chart are corrected for sound velocity

HEIGHTS IN METERS ABOVE MEAN SEA LEVEL
Contour interval 20 meters

S



Printed at reduced scale. ~~SCALE 1:10,000~~

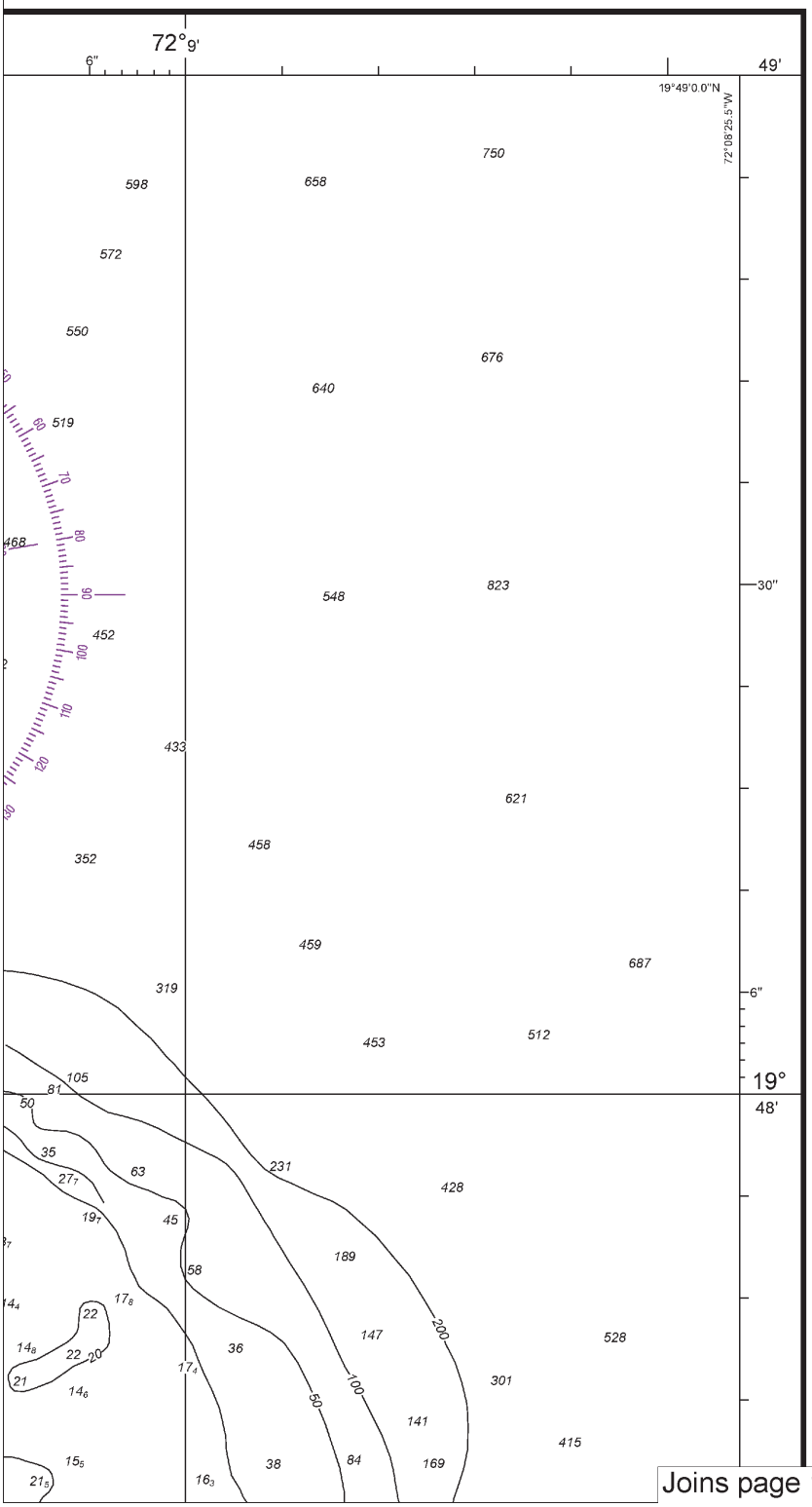
Nautical Miles 0

Yards 200 0 200 400 600 800 1000 1200

See Note on page 5.

Note: Chart grid lines are aligned with true north.

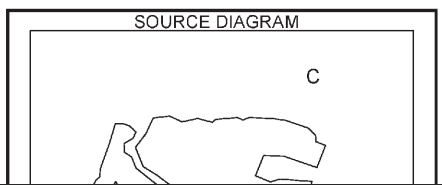
SOUNDINGS IN METERS



LOGARITHMIC SPEED SCALE

To find SPEED, place one point of dividers on nautical miles run and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in knots. Example: with 4.0 miles run in 15 minutes, the speed is 16.0 knots.

SOURCE DIAGRAM



Joins page 11

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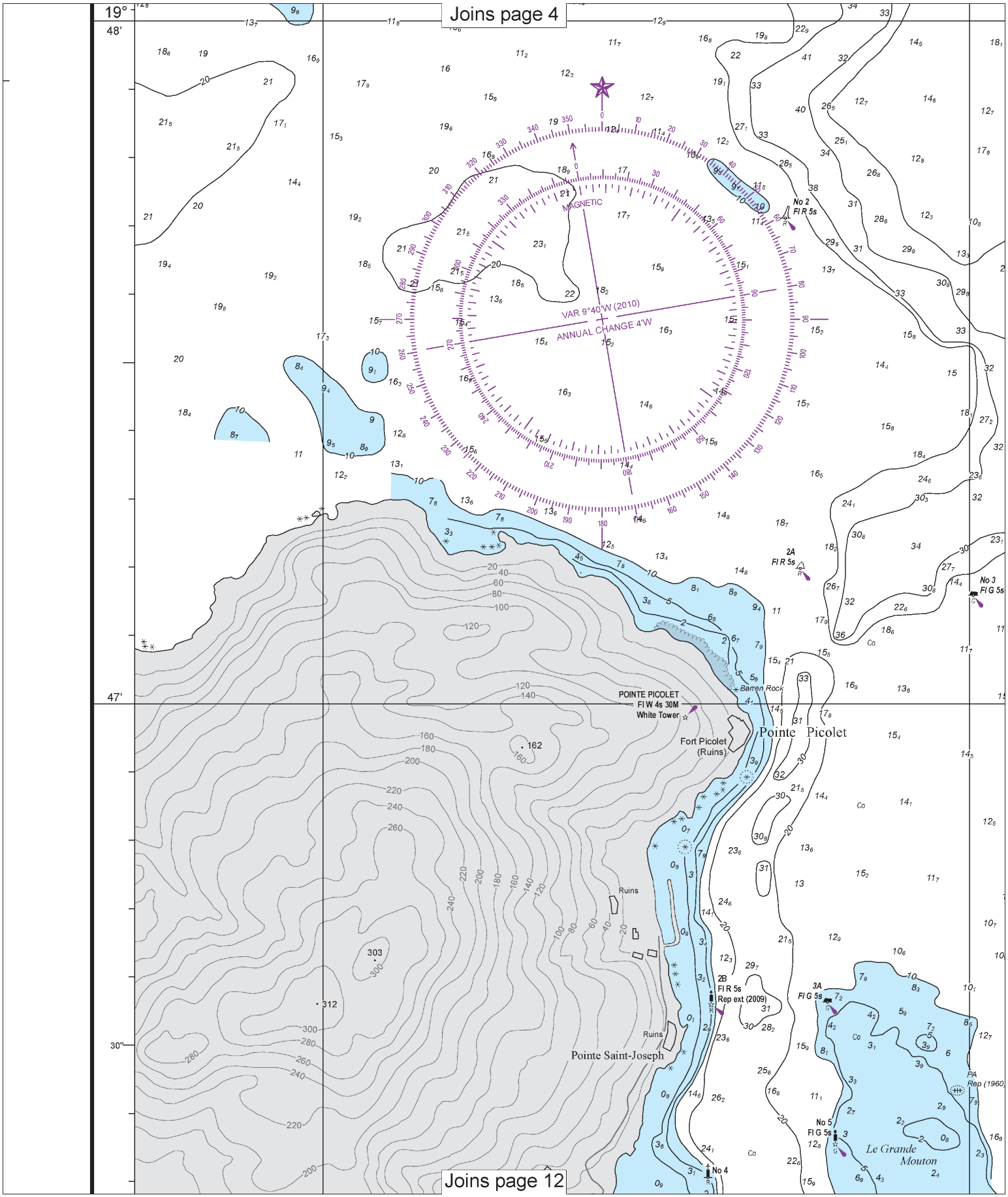


8

Note: Chart grid lines are aligned with true north.

Printed at reduced scale. ~~SCALE 1:10,000~~

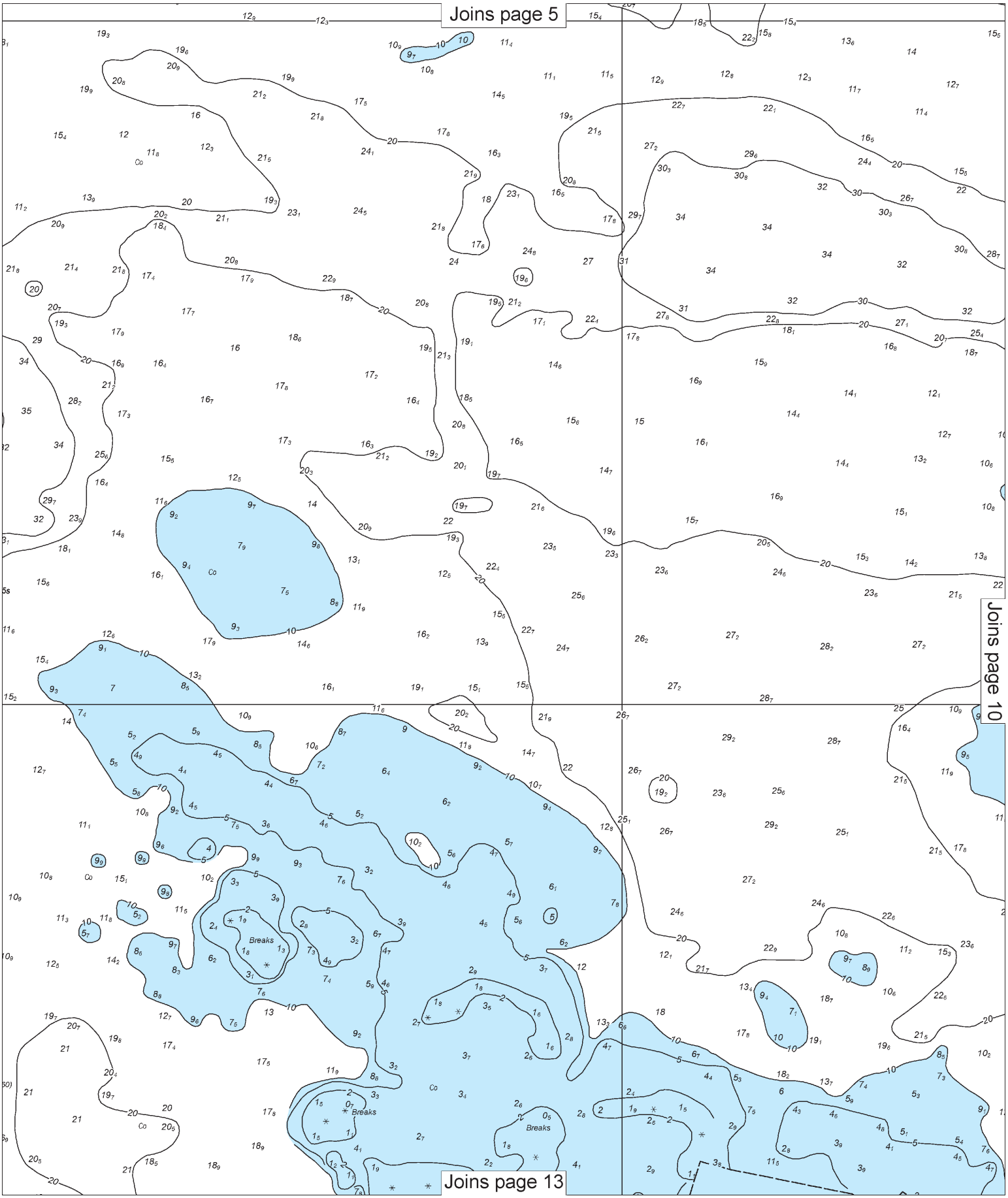
Nautical Miles

0

Yards

200 0 200 400 600 800 1000 1200

See Note on page 5.


Joins page 5
Joins page 10
Joins page 13
Breaks
Breaks
Co
Co
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Note: Chart grid lines are aligned with true north.

Printed at reduced scale. ~~SCALE 1:10,000~~

See Note on page 5.

Nautical Miles

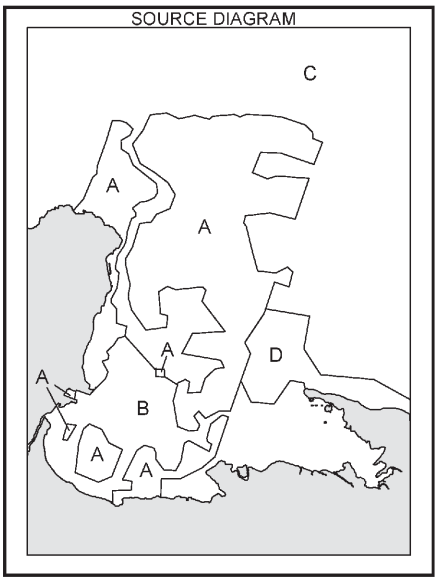
0

Yards

200 0 200 400 600 800 1000 1200

Joins page 7

Joins page 15



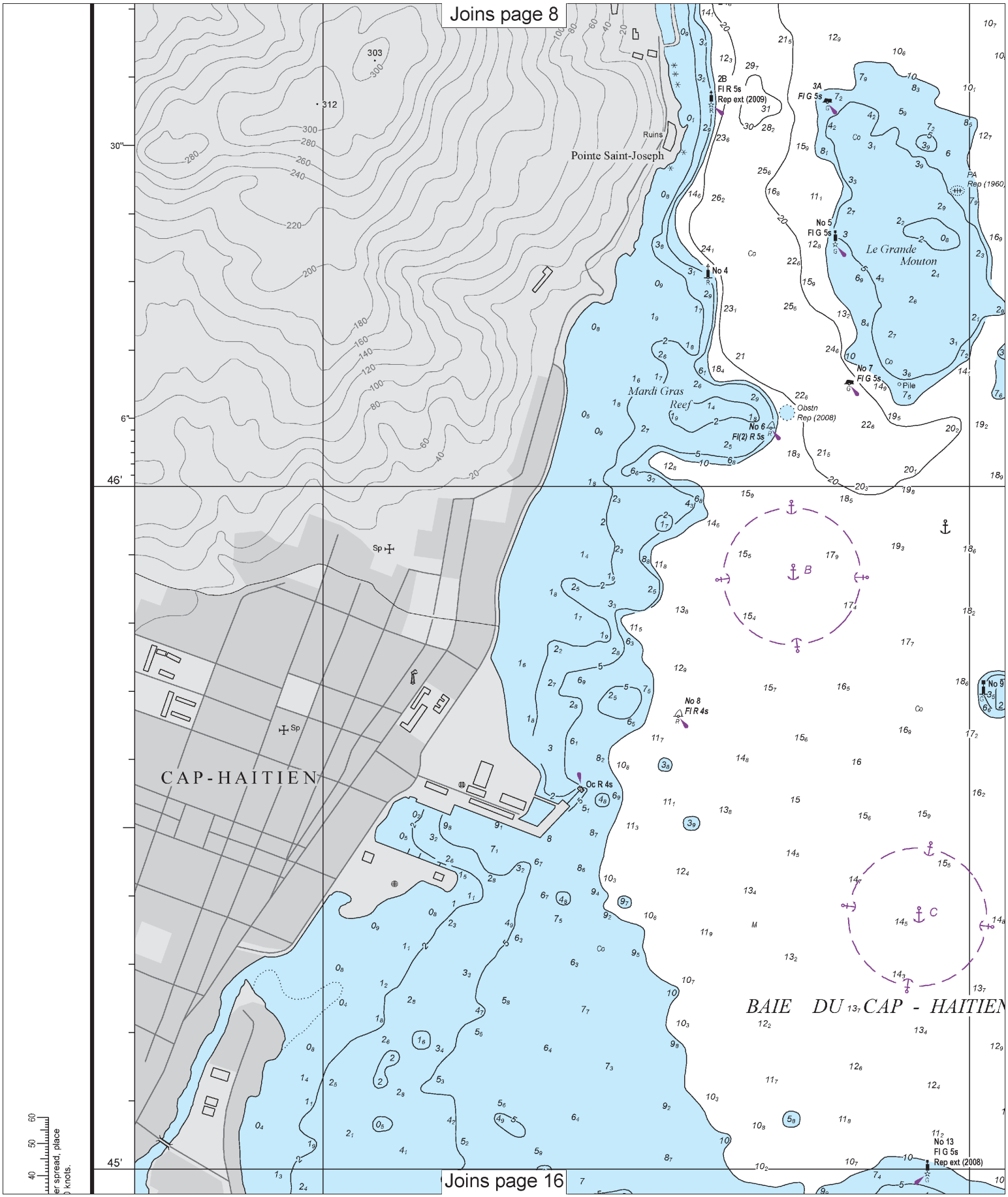
A - NAVOCEANO LIDAR survey (2010)
B - U.S. Navy Survey, Archive No. 834002.....1:5,000 (1983)
C - U.S. Navy Survey, Archive No. 825018.....1:12,000 - 1:50,000 (1982-1983)
D - Unsurveyed Area

With additions from other sources

This chart was positioned on WGS-84 datum through the use of an ortho-rectified image.

LIDAR SURVEYS

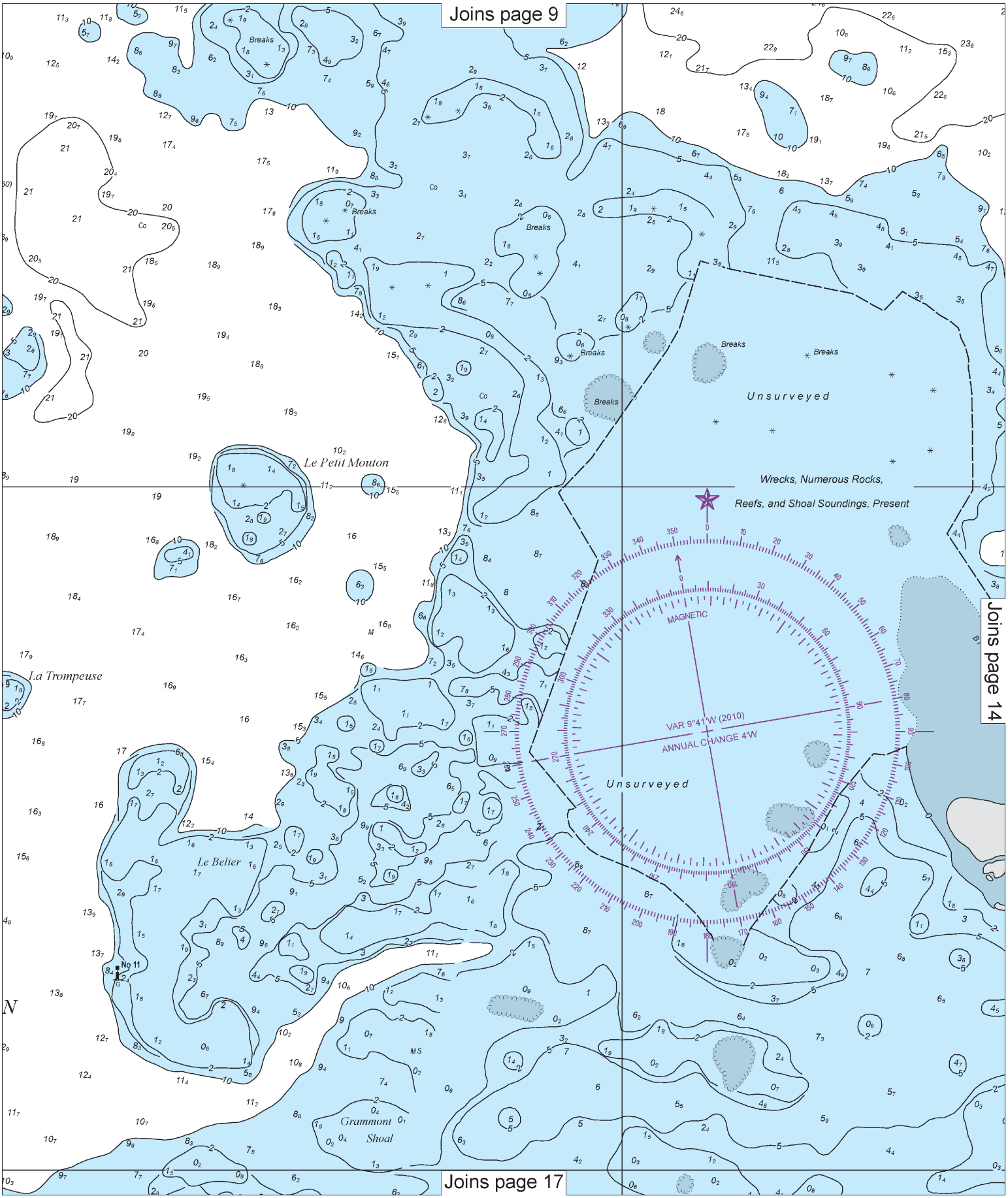
Areas of this chart have been surveyed with the airborne CHARTS LIDAR (Light Detection and Ranging) system. LIDAR is an accepted method of rapid hydrographic survey of coastal areas which meets International Hydrographic Organization (IHO) standards for accuracy, quality and hazard detection. LIDAR, which has a maximum seabed detection limit of approximately 40 meters, is affected by environmental factors such as water clarity (turbidity), sea state and sun angle. Such environmental factors present at the time of data collection may limit the range or geographic extents of soundings gathered by the system. In such cases, LIDAR data may have been augmented by other sources in the construction of this chart.

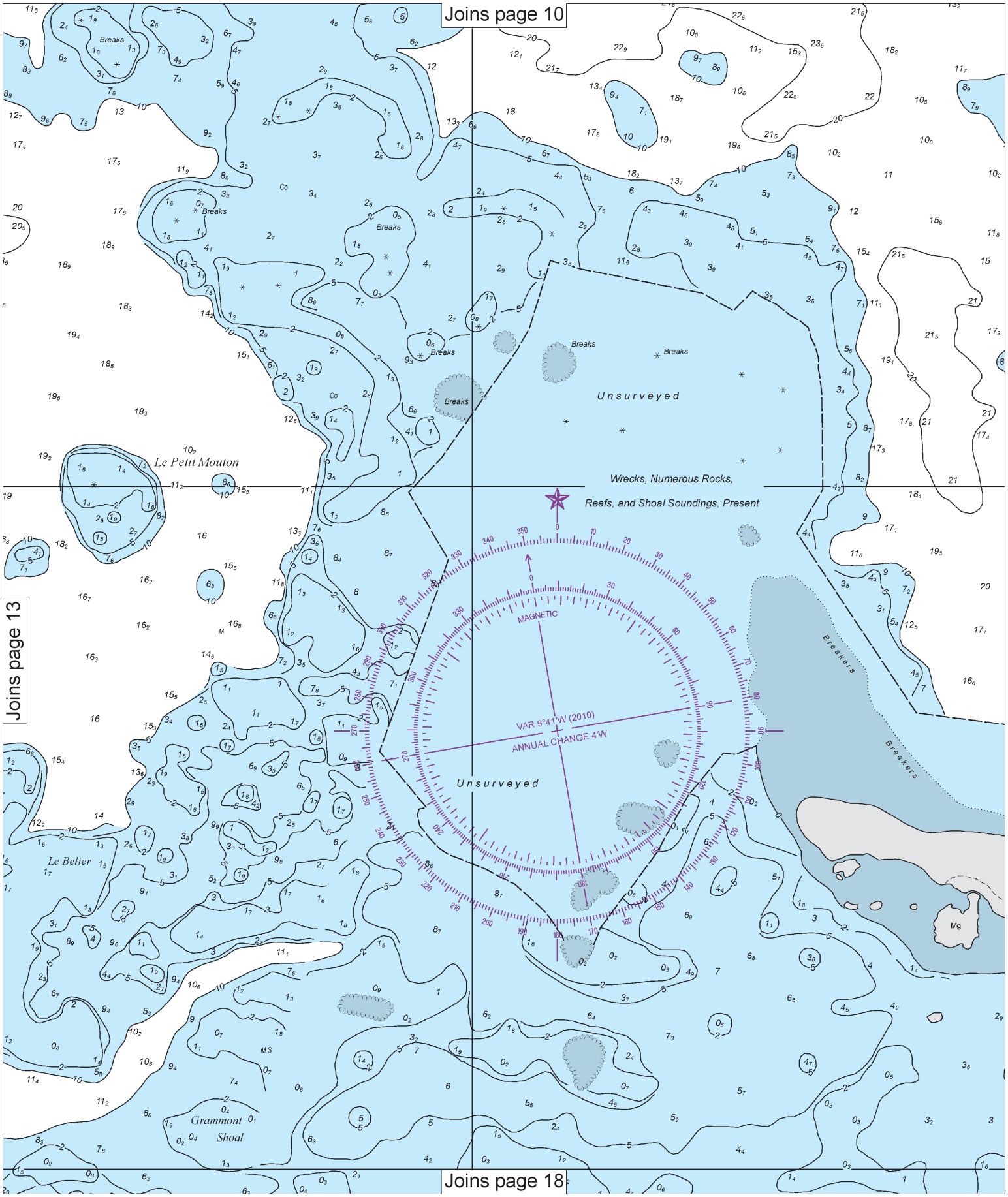


Note: Chart grid lines are aligned with true north.

Printed at reduced scale. ~~SCALE 1:10,000~~ See Note on page 5.

Nautical Miles
0
Yards
200 0 200 400 600 800 1000 1200


Joins page 9
Joins page 14
Joins page 17
Le Petit Mouton
La Trompeuse
Le Belier
Grammont Shoal
Unsurveyed
Unsurveyed
Wrecks, Numerous Rocks,
Reefs, and Shoal Soundings, Present
Breaks
MAGNETIC
VAR 9°41'W (2010)
ANNUAL CHANGE 4'W
No 11



Note: Chart grid lines are aligned with true north.

Printed at reduced scale. ~~SCALE 1:10,000~~

Nautical Miles

0

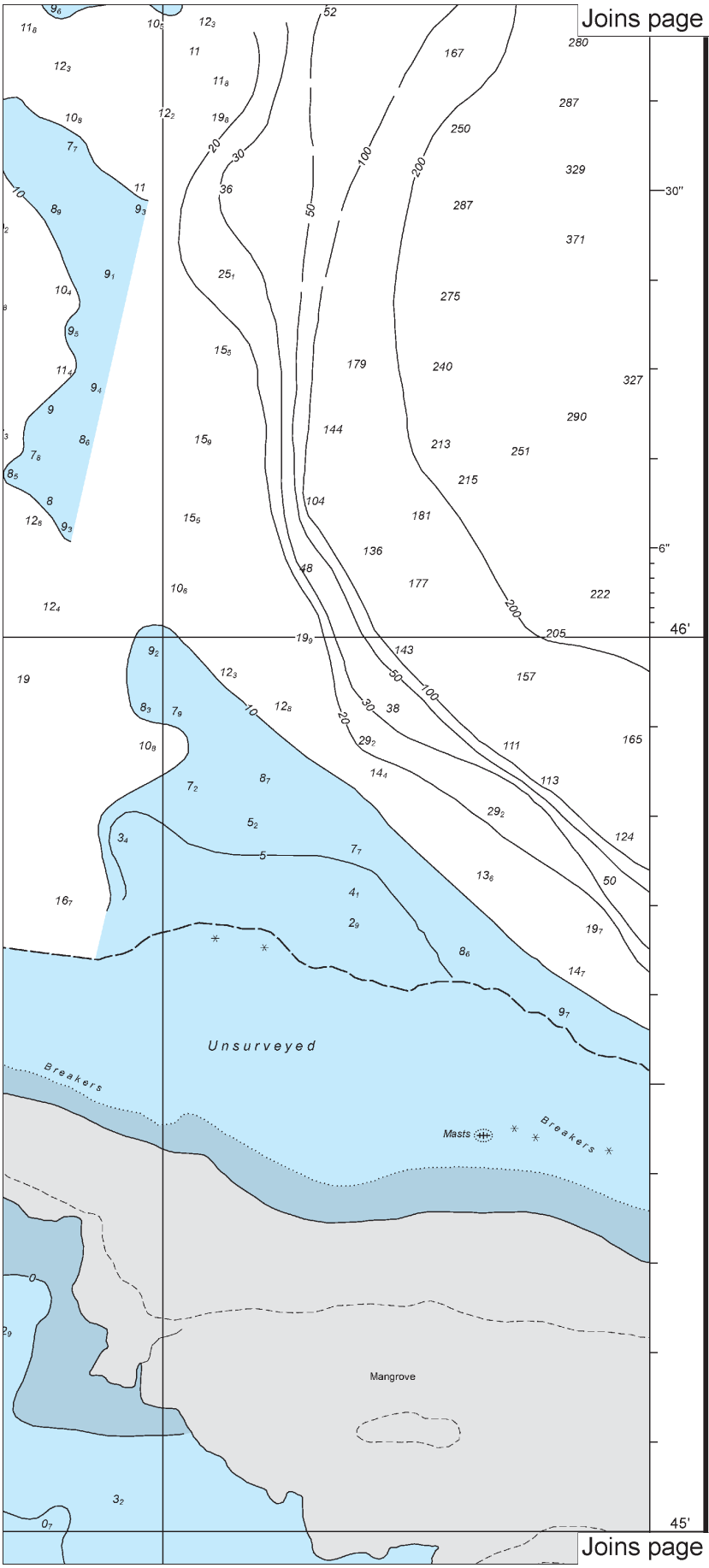
Yards

200 0 200 400 600 800 1000 1200

See Note on page 5.

Joins page 11

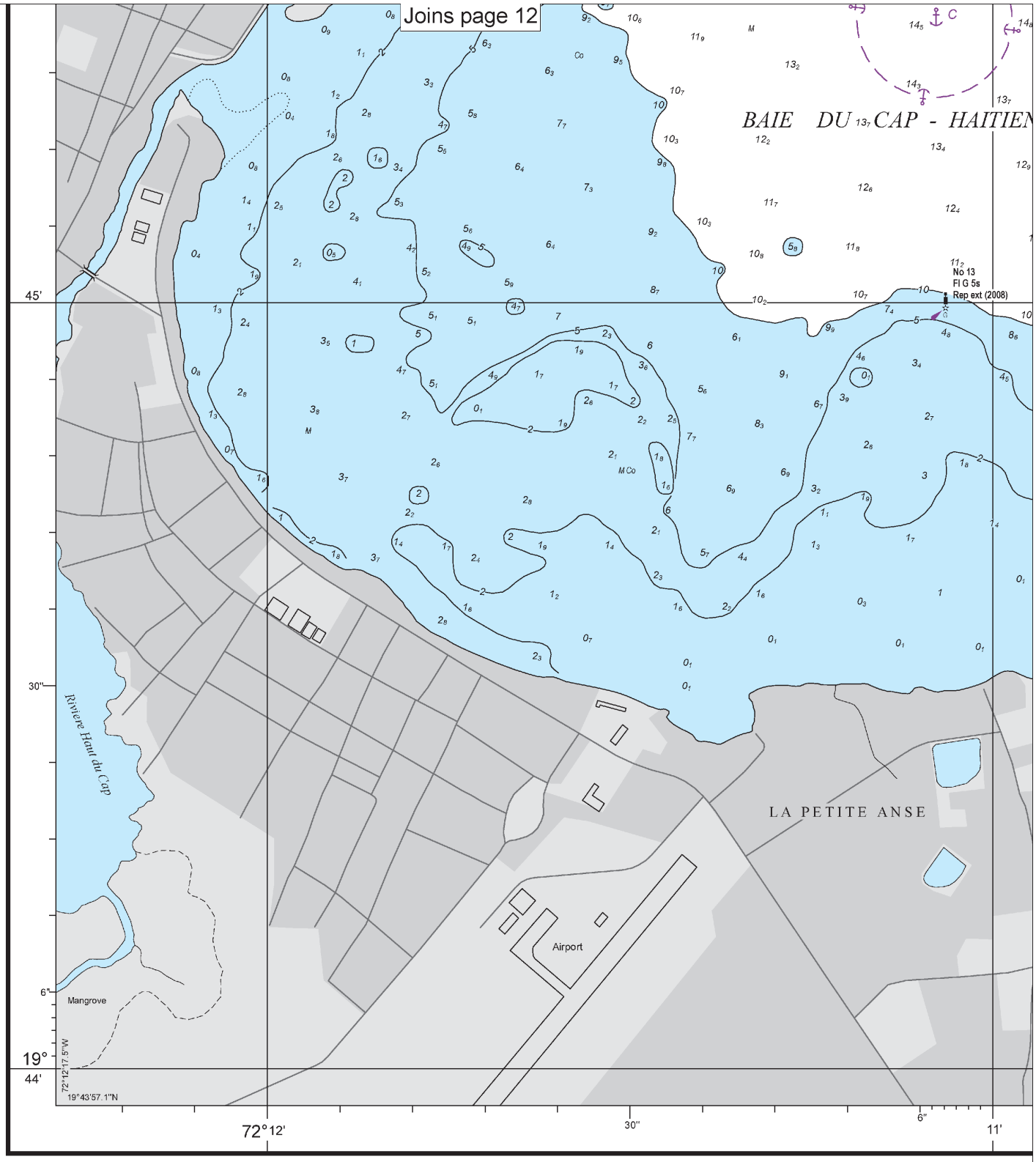
construction of this chart.



DEPTH CONVERSION SCALE

FEET	METERS and decimeters	FATHOMS and feet

Joins page 19



LOGARITHMIC SPEED SCALE

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1st Ed., May 22, 2010 (Correct through NM 21/10)

26146

SOUNDINGS IN METERS

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16

Note: Chart grid lines are aligned with true north.

Printed at reduced scale. ~~SCALE 1:10,000~~

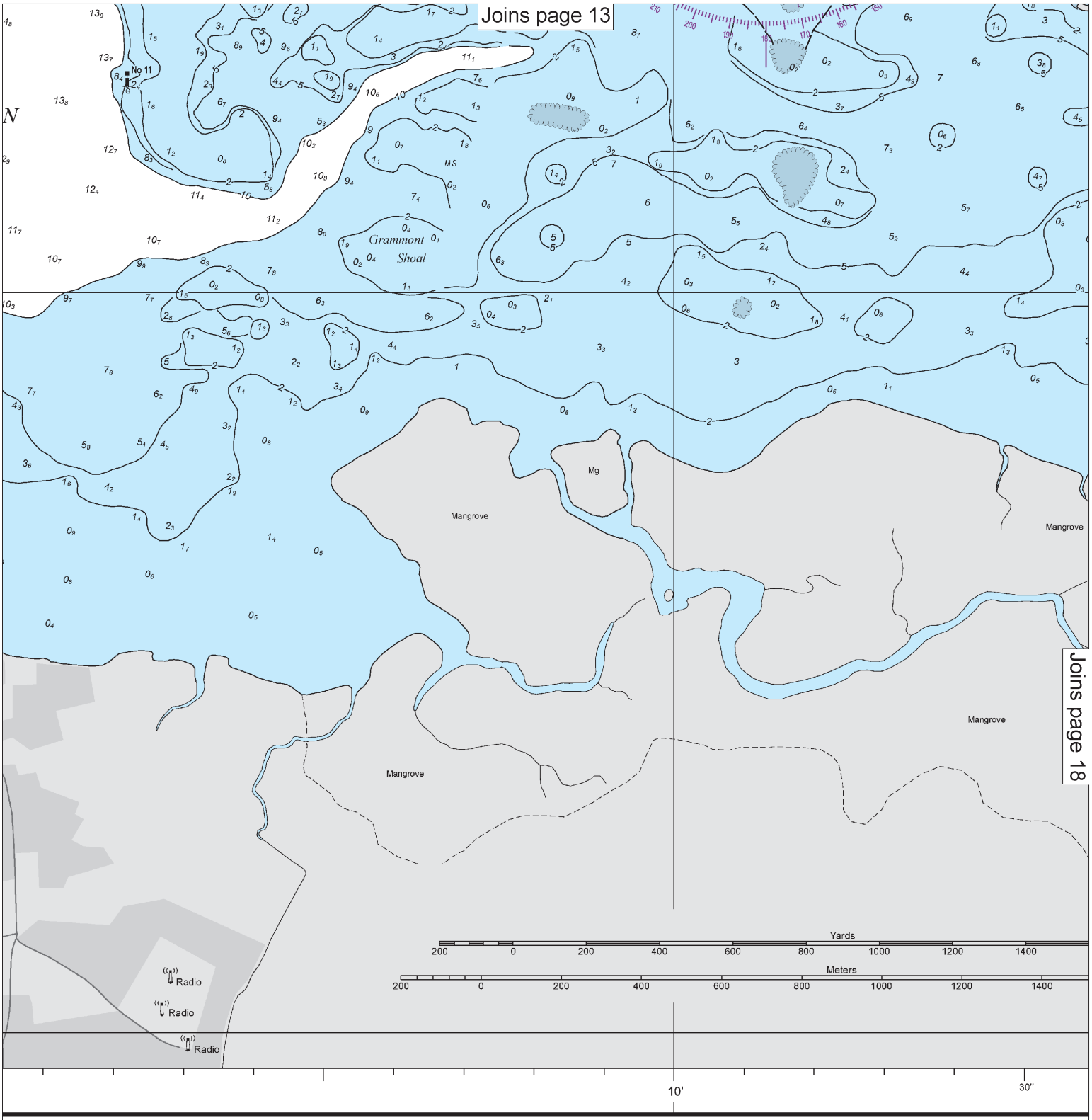
Nautical Miles

0

Yards

200 0 200 400 600 800 1000 1200

See Note on page 5.



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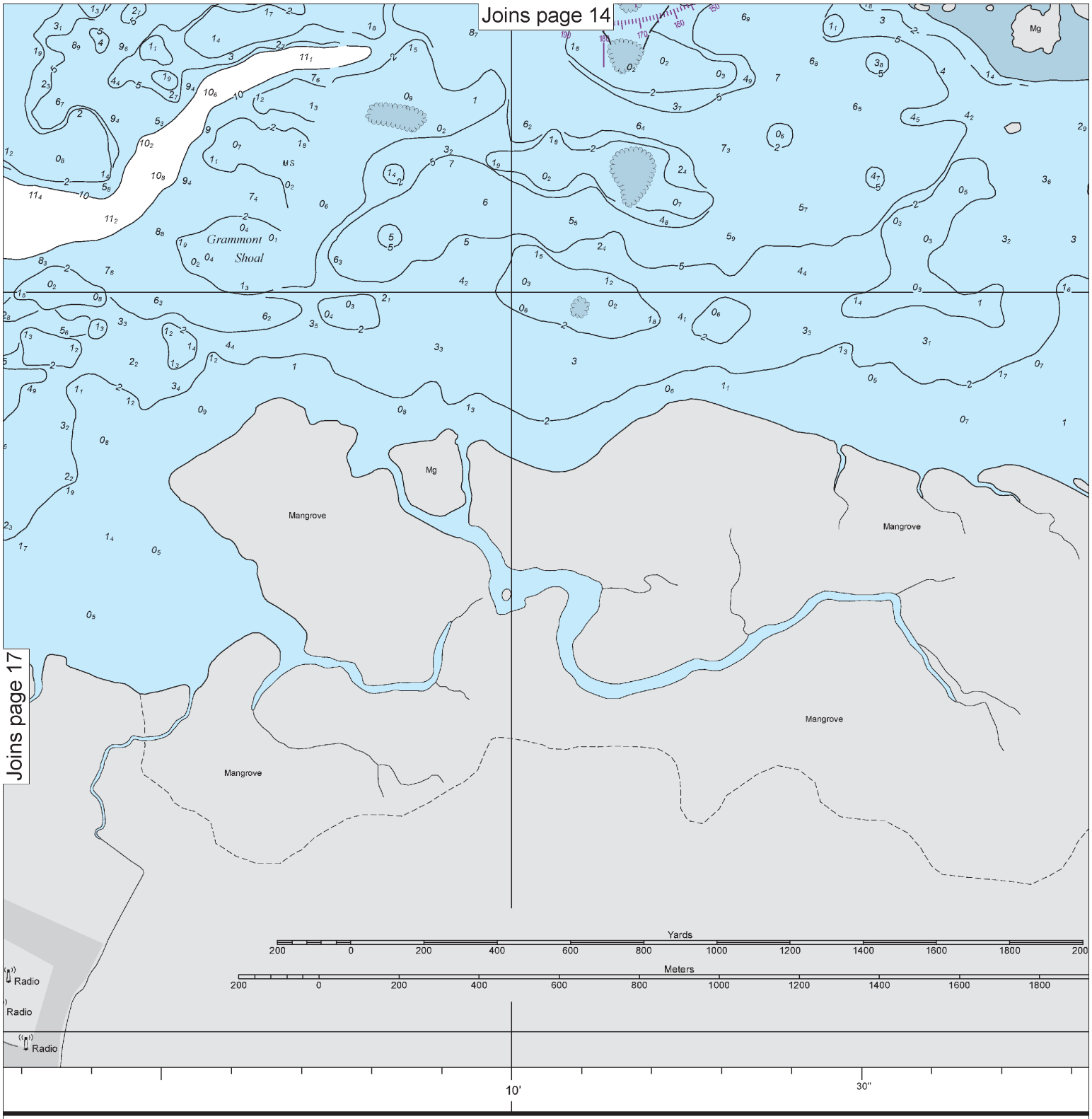
WARNING

The prudent mariner will not rely solely on any sir aid to navigation, particularly on floating aids. S paragraph No. 1 of Notice to Mariners No. 1 or Sai Directions Planning Guides for information relativ NGA Charts.



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WARNING

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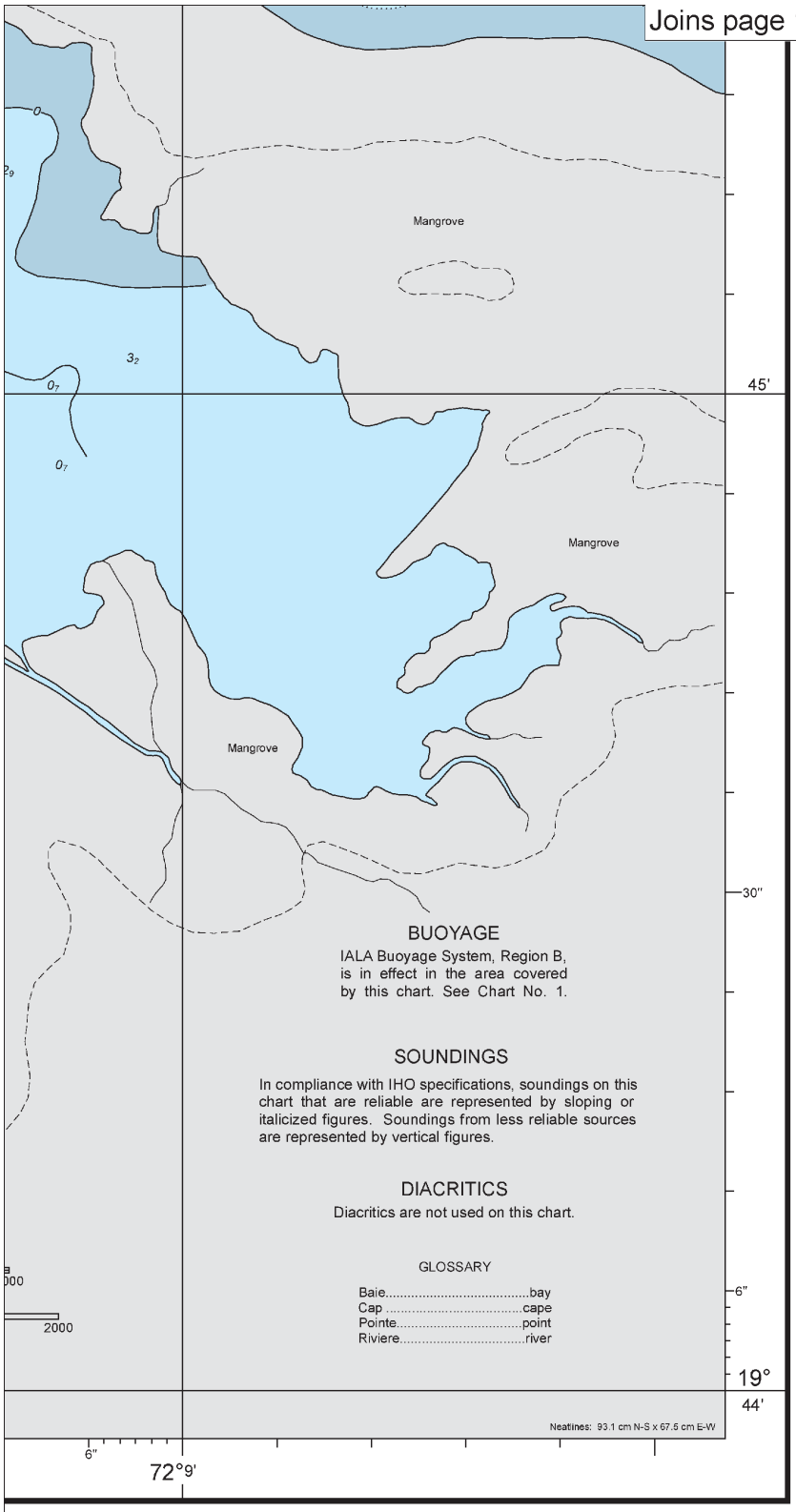
SOUND

Note: Chart grid lines are aligned with true north.

Printed at reduced scale. ~~SCALE 1:10,000~~ See Note on page 5.

Nautical Miles
0
Yards
200 0 200 400 600 800 1000 1200

Joins page 15



BUOYAGE

IALA Buoyage System, Region B, is in effect in the area covered by this chart. See Chart No. 1.

SOUNDINGS

In compliance with IHO specifications, soundings on this chart that are reliable are represented by sloping or italicized figures. Soundings from less reliable sources are represented by vertical figures.

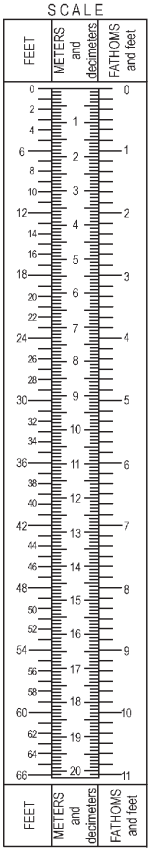
DIACRITICS

Diacritics are not used on this chart.

GLOSSARY

Baie.....bay
Cap .....cape
Pointe.....point
Riviere.....river

DEPTH CONVERSION SCALE



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NDINGS IN METERS - SCALE 1:10,000

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO NGA'S MARITIME OPERATIONS DESK: TOLL FREE, 1-800-362-6289; COMMERCIAL, 301-227-3147; DSN, 287-3147; SEND E-MAIL TO NAVSAFETY@NGA.MIL; USE CONTACT LINKS FOR DNC AND MARITIME WEBSITES LOCATED AT http://www.nga.mil/portal/site/dnc/; OR WRITE TO MARITIME PRODUCTS & SERVICES DOMAIN, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY, MAIL STOP D-44, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

Chart 26146 – Cap-Haitien

Action	Charting Label	Latitude	Longitude	Published Document
Add	Depth 3.1 meters, blue tint and enclosing depth contour (5-meter) centered	19° 45' 49.2" N	72° 11' 09.6" W	10/11
Relocate	Buoy "No 2" from to	19° 47' 42.7" N 19° 47' 43.5" N	72° 11' 17.1" W 72° 11' 16.1" W	29/13
Delete	Light "POINTE PICOLET"	19° 46' 58.8" N	72° 11' 13.2" W	42/13
Delete	Buoy (undesignated)	19° 46' 33.8" N	72° 11' 13.2" W	51/13
Add	Buoy "3A" G, pillar	19° 46' 32.8" N	72° 11' 13.8" W	51/13
Add	Buoy "6A" pillar	19° 45' 49.1" N	72° 11' 07.8" W	51/13
Relocate	Buoy "2A" from to and change period to 4s	19° 47' 11.9" N 19° 47' 12.0" N	72° 11' 15.7" W 72° 11' 15.3" W	11/14
Delete	Buoy "6"	19° 46' 05.1" N	72° 11' 18.5" W	23/14
Add	Buoy "6" R, pillar	19° 46' 04.9" N	72° 11' 16.2" W	23/14
Delete	Depth 3.1 meters, blue tint and enclosing depth contour (5-meter) centered	19° 45' 49.2" N	72° 11' 09.6" W	38/14

Information obtained through US NtMS 13/2015 (28 March 2015)