INT 9105
29123

WGS84 POSITIONS DEPTHS IN METERS

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly an electronic aid, until he has compared its information with other available navigational information. Refer to paragraph No. 1 of Notice to Mariners No. 1, or Sailing Directions Planning Guides for information relative to NGA Charts.

1st Ed., Dec. 2011

INTERNATIONAL

CHART SERIES
ANTARCTIC PENINSULA - PALMER ARCHIPELAGO

APPROACHES TO ARTHUR HARBOR

From U.S.and Spanish charts and U.S. surveys to 2010

MERCATOR PROJECTION
WORLD GEODETIC SYSTEM (WGS-84)
SCALE 1: 25,000 AT LAT 64° 45'S
For Symbols and Abbreviations, see Chart No. 1

SOUNDINGS IN METERS
(Under 31 in meters and decimeters)
reduced to the approximate level of Mean Sea Level
Soundings on this chart have been corrected for sound velocity
HEIGHTS IN METERS ABOVE MEAN SEA LEVEL

ARTHUR HARBOR
Contour Interval 10 meters
SCALE 1:12,500
VAR 15°E (2011)
ANNUAL CHANGE 2'W

CHART ACCURACY
Data used to construct this chart was obtained from the best available sources, including some of unknown accuracy. However, the area of this chart has not been surveyed to modern hydrographic standards. Uncharted hazards may exist. As depths are referred to Mean Sea Level (MSL), caution is advised as depths may be less than shown, particularly in the vicinity of coastal features, such as entrances/harbors, channels, inshore areas, or over offshore areas. Owing to the age and quality of the source information, some detail on this chart may not be positioned accurately. Particular caution is advised when navigating in the vicinity of dangers, even when using an electronic positioning system such as GPS.

AREAS OF RESTRICTED ACCESS
In accordance with the proposed Antarctic Specially Managed Areas (ASMA) for the Palmer Area, it is requested that these islands should not be visited during the critical seabird breeding season from October 1 through March 1 except in connection with scientific activities, survival cache replacement or emergency. Also, Anvers Island is a Antarctic Specially Protected Area (ASPA) under the provisions of the Agreed Measures for the Conservation of Antarctic Fauna and Flora and is always off limits. Personnel may not go closer than 10 meters to shore without a permit.

CAUTIONS
1. Differences in latitude and longitude may exist between this and other charts. Accurate navigation between features from one chart to another should be done by bearings and distances from common features.
2. icebergs exist in the area of this chart. Mariners should maintain a good lookout and navigate with caution.

OBSERVATION NOTE
The ten observation stations are instrument stations (A-J) that may or may not be submerged. Mariners should take care in sailing near these stations.

DATUM NOTE
Positions obtained from satellite navigation systems referred to the World Geodetic System 1984 (WGS-84) can be plotted directly on this chart.

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.

PALMER LETA
The Palmer Long-Term Ecological Research Program (LETA) protects the penguin and Skua bird colonies of Antarctica.

TOPONYMY
This chart, produced under the auspices of the International Hydrographic Organization, is part of a worldwide series of charts which covers the area of the jurisdiction of the Antarctic Treaty. Claims to Territorial Sovereignty, addressed by Article IV of the Antarctic Treaty, are not depicted on this chart. The producer nation (U.S.) has rendered all names in accordance with its own national toponymic practice, and Regulations for International (INT) Charts; this does not necessarily reflect the practice of other nations.

DIACRITICS
Diacritics are not used on this chart.
GLOSSARY
Islas(s).....islands
Punta.....point
Roca.....rock

SOURCES
U.S. Government Surveys
a SU401898 2010 (multibeam)
b SU401894 2009 (multibeam)
c GD401600 2005 (singlebeam)
d TR400910 2008 (NBP0806) (multibeam)
e TR400702 2002 (NBP0202) (multibeam)
f TR401115 1999 (NBP9903) (multibeam)
U.S. Government Chart
h U.S. 29123 1977 1:25,000
Spanish Chart
g Arif 011 1991 1:5,000
Other U.S. and United Kingdom Surveys
i 1969-2008

This chart has been positioned on the WGS84 Datum through the use of a rectified orthophoto.

This chart is based in whole or in part on information from other than official U.S. Government sources, as indicated above. Copyright restrictions of the country of origin continue to exist.

LOGARITHMIC SPEED SCALE

DEPTH CONVERSION SCALE

1st Ed., Dec 10, 2011 (Notice to mariners corrected through 50/11)

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DEPTHS IN METERS

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.

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United States of America

WGS84 POSITIONS

Approaches to Arthur Harbor
DEPTHS IN METERS - SCALE 1:25,000

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