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Nautical Chart Catalog No. 2, Panel D

PACIFIC OCEAN

UNITED STATES POSSESSION

JOHNSTON ATOLL

Transverse Mercator Projection
Scale 1:50,000 at 16°43'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FATHOMS
(FATHOMS AND FEET TO ELEVEN FATHOMS)
AT MEAN LOWER LOW WATER

TIDAL INFORMATION

Place Name	(LAT/LONG)	Height referred to datum of soundings (MLLW) Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
		feet	feet	feet	feet
Johnston Island	(16°45'N/169°31'W)	2.2	2.0	0.1	-1.0

(1197)

For Symbols and Abbreviations see Chart No. 1.

HEIGHTS
Heights in feet above Mean High Water

AUTHORITIES
Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the U. S. Coast Guard, Geological Survey, and National Imagery and Mapping Agency.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

CAUTION
Only marine radiobeacons have been calibrated for surface use. Limitations on the use of certain other radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Imagery and Mapping Agency Publication 117.
Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.
Station positions are shown thus:
⊙ (Accurate location) o (Approximate location)

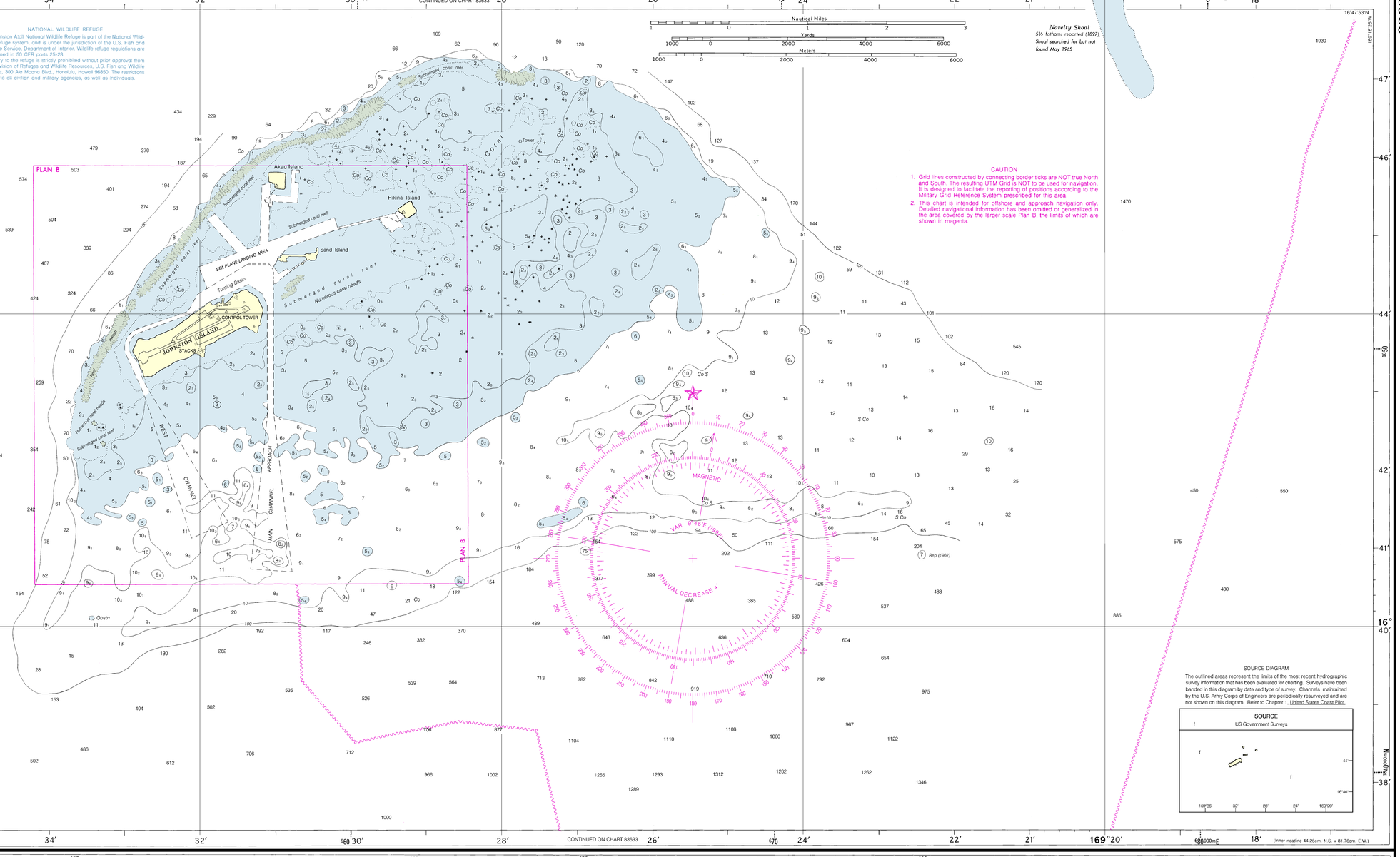
POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the Johnston Island 1961 Astro Datum must be corrected an average of 6.468" southward and 3.712" eastward to agree with this chart.

SUPPLEMENTAL INFORMATION
Consult National Imagery and Mapping Agency H.O. Pub. 126 for important supplemental information.

PROHIBITED AREA
Johnston Atoll is a National Wildlife Refuge. The administration of the atoll is split between the U.S. Air Force and the U.S. Fish and Wildlife Service (USFWS). Entry onto the atoll is prohibited unless authorized by a USFWS permit.

NATIONAL WILDLIFE REFUGE
Johnston Atoll National Wildlife Refuge is part of the National Wildlife Refuge system, and is under the jurisdiction of the U.S. Fish and Wildlife Service, Department of Interior. Wildlife refuge regulations are contained in 50 CFR parts 25-28.
Entry to the refuge is strictly prohibited without prior approval from the Division of Refuges and Wildlife Resources, U.S. Fish and Wildlife Service, 300 Ala Moana Blvd., Honolulu, Hawaii 96850. The restrictions apply to all civilian and military agencies, as well as individuals.



CAUTION
1. Grid lines constructed by connecting border ticks are NOT true North and South. The resulting UTM Grid is NOT to be used for navigation. It is designed to facilitate the reporting of positions according to the Military Grid Reference System prescribed for this area.
2. This chart is intended for offshore and approach navigation only. Detailed navigational information has been omitted or generalized in the area covered by the larger scale Plan B, the limits of which are shown in magenta.

SOURCE DIAGRAM
The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

SOURCE
f US Government Surveys

(Inner neatline 44.26cm. N.S. x 81.76cm. E.W.)

JOHNSTON ISLAND HARBOR

Scale 1:12,500

Nautical Mile 0 0.2 0.4 0.6 0.8 1.0
Yards 500 250 0 500 1000 1500
Meters 500 250 0 500 1000 1500

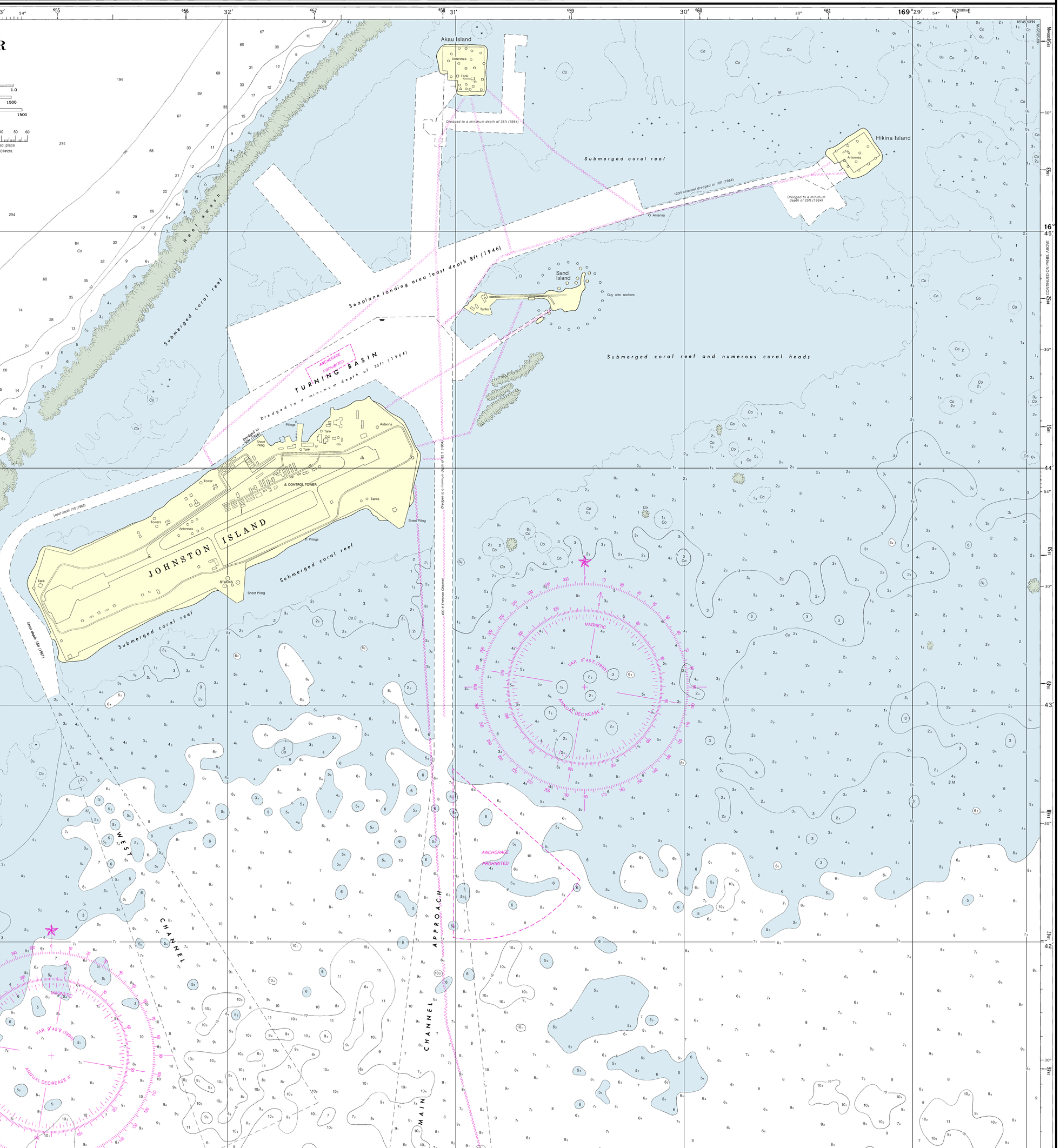
LOGARITHMIC SPEED SCALE
1 2 3 4 5 6 7 8 9 10 15 20 25 30 40 50 60
To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots.

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

ARTICULATED AIDS
An articulated aid to navigation consists of a pipe structure that oscillates around a universal coupling connected to a sinker. The structure is kept upright by the buoyancy of a submerged flotation chamber. It is designed primarily to mark narrow channels in depths of up to 60 feet. All articulated aids are labelled "Art".

UNIVERSAL TRANSVERSE MERCATOR (UTM) GRID
ZONE 2Q, INTERNATIONAL SPHEROID
FOR MILITARY GRID REFERENCE

100,000 METER SQUARE PD

TO FORM 1,000 METER SQUARES, JOIN BY STRAIGHT LINES THE DOTTED TICKS ON NEATLINES. SUBDIVIDE TO FORM 100 METER SQUARES.

TO REPORT THE GRID COORDINATES OF A POINT, GIVE THE LETTERS OF THE 100,000 METER SQUARE DESIGNATION FOLLOWED FIRST BY THE NUMBERS OF THE EAST READING AND THEN BY THE NUMBERS OF THE NORTH READING. e.g., LORAN TOWER PD589522