

# Outdoor base station survey specification requirements



## Overview

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NOAA's National Geodetic Survey (NGS) invites organizations and individuals to share data from their permanent GPS base stations by including these stations in the National CORS network. Each CORS must meet the specifications described in the CORS Guidelines (pdf) -. Survey specifications describe the methods and procedures needed to attain a desired survey accuracy standard. The FGCS standards and specifications have. rming accurate surveys with a Survey Grade GPS system. If geospatial software is available on a personal. In reviewing these Survey Standards and the supporting Engineering Manuals, the ultimate objective of a given survey task is the timely delivery of data, information that satisfies the requirements of the Scope of Work (SOW) and that the work products are complete, consistent, accurate, and. se of conventional surveying techniques (total station) to establish Vegetated Vertical Acc. The guidelines in this section are based upon several sources of information as well as practical experience.

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### Global Positioning System (GPS) Survey Guidelines

When performing specific types of GPS surveys (i.e. static, fast-static, and kinematic), receivers and software shall be suitable for the specific survey as specified by the manufacturer. Dual frequency ...

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### ADDENDUM II: GUIDELINES AND BEST PRACTICES FOR ...

185 o OPUS (National Geodetic Survey). Users should always wait for the publication of the precise 186 ephemeris for the most accurate results when utilizing the OPUS processing network



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### Guidelines for Establishing and Operating CORS

NOAA's National Geodetic Survey (NGS) invites organizations and individuals to share data from their permanent GPS base stations by including these stations in the National CORS network.

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**USACE New Orleans District**

## Minimum Survey Standards

Technical specifications, procedural guidance, and quality control criteria are outlined for the consistent provision of surveying services in support of USACE activities. The New Orleans

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## 6 Global Positioning System (GPS) Survey Specifications

The FGCS standards and specifications have been modified to meet the specific needs and requirements for various types of first-order, second-order, third-order, and general-order GPS ...

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## Base Station Survey Specifications-20021107-B-1.10

This document provides guidelines for conducting base station surveys to support mobile network planning and engineering. It outlines important preparation steps, such as reviewing relevant ...

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## Chapter 8 Mechanical

Conduct basic mapping control, as-built control, and cadastral surveys to 3rd Order accuracy, both horizontally and vertically, and comply with USACE EM

1110-1-1005, Control and ...

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### Introduction Survey Requirements by Job Classification

For Accuracy Classes RT3 and RT4-if a calibration has been performed, the base station must be inside the calibration envelope and should be tied to the nearest calibration control monument at the ...

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### Highway Surveying Manual (M 22-97)

The FGCS standards and specifications have been modified to meet the specific needs and requirements for various types of primary, secondary, tertiary- and general-order GPS surveys ...

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