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AC Master  
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## Area Code Master Documentation

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### Introduction:

AC Master is a unique file which shows not only all of the active area codes and prefixes (NPA/NXX), but we provide accurate Time Zone and Daylight Saving Time info.

This file can be used by telemarketing companies in order to not call people outside of the FTC's designated call times. It can also be used in telephony / call accounting applications.

Besides our Base Product (AC master), we have a *Deluxe* version which helps you determine the geographic area by offering clean rate center names, or our *All* version which also includes the Operating Company info.

### Base Product Info:

AC Master is the base product. The main file is called, 'npa-nxx-full.csv' for the full version and 'npa-nxx-demo.csv' for the demo version. It has these fields (in order) in a comma-delimited file:

**3-Digit Telephone Area Code:** All normal area codes will be listed here. Toll-free Area codes such as 800, 866, 877 and other specialty area codes are not included. The first digit is in the range of 2-9, the second digit can be a 0-8, and the third digit can be a 0-9.

**Prefix:** The prefix (also called the Exchange or Central Office Code) is next. This is referred to in the telecom industry as the 'NXX'. The first digit is in the range of 2-9, the second and third digits can be a 0-9.

**State Abbreviation:** This is the 2-character standard (U.S. Postal Service) state abbreviation. We also include a file called, 'states.txt' which will list the state name for each abbreviation.

**Time Zone & Daylight Savings Time flag:** We have the U.S. Time Zones in a standard format which is the number of hours from Coordinated Universal Time (UTC) which was formerly called Greenwich Mean Time (GMT). Greenwich is where the Royal Observatory is located (Southeast London). West of UTC is negative and so all records have negative numbers. The zones range from -5 (Eastern Standard Time) to -10 (Hawaiian Standard Time). If the area covered by this area code / prefix observes Daylight Saving Time, then the last field will be 'Y', otherwise 'N.'

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The **AC Master Deluxe** versions begin with 'npa-nxx-ctr'. They have the following field after the State Abbreviation:

**Rate Center Names:** We provide a *cleaned up* rate center name. Industry rate center names are limited to 10 characters, so they are heavily abbreviated and cryptic. We've deciphered many names and use up to 35 characters, plus we use upper and lower case the names. This is ideal for using in telephony or call accounting reports. If the name is all capital letters, we are using a name that is from the source files, rather than our own names.

The **AC Master All** versions begin with 'npa-nxx-all'. They have the following field after the Rate Center:

**OCN Number:** This is the 4-character Operating Company Number (it usually is numeric, but can also be alphanumeric).

For the *All* versions, we also include an **Operating Company master file** (operco-full.csv or operco-demo.csv). This file contains the following:

**OCN Number:** This is the 4-character Operating Company Number (it usually is numeric, but can also be alphanumeric).

**Operating Company Name:** the name of the telephone operating company.

**Wireless Flag:** it will contain a 'Y' if we've determined if this is an exclusively wireless operating company. It will be blank otherwise. Sometimes, we aren't sure if a company is exclusively wireless, so we won't flag it with a 'Y'.