READ ME file for the 2005 Non-Platform Sources Gulfwide Access Files

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WHAT IS PROVIDED HERE?

The non-platform emission inventory files developed in the Gulfwide Study are provided for review and use by MMS, air quality modelers, State and local agencies, and industry. This READ ME file provides important information integral to your use of the files.

ACRONYMS

2-D	Two Dimensional
3-D	Three Dimensional
CH4	Methane
CMV	Commercial Marine Vessels
CO	Carbon Monoxide
CO2	Carbon Dioxide
EIIP	Emission Inventory Improvement Program
EM	Emissions Access Table
EPA	Environmental Protection Agency
GIS	Geographic Information System
GOM	Gulf of Mexico
HP	Horsepower
ID	Identification
kW	Kilowatt
LOOP	Louisiana Offshore Oil Port
LTO	Landing and Take-off Cycle
MMS	Minerals Management Service
MPH	Miles Per Hour
NEI	National Emissions Inventory
NH3	Ammonia
NIF	NEI Input Format
N2O	Nitrous Oxide
NOX	Nitrogen Oxides
PM10	Particulate Matter 10
PM2.5	Particulate Matter 2.5
SCC	Source Classification Code
SO2	Sulfur Dioxide
THC	Total Hydrocarbons
VOC	Volatile Organic Compounds

INTRODUCTION

The 2005 Gulfwide emissions inventory for non-platform sources is a comprehensive inventory covering criteria pollutants and greenhouse gases. The Gulfwide Inventory was developed by Eastern Research Group, Inc. (ERG), in Morrisville, North Carolina.

The scope of the 2005 Gulfwide Inventory effort was to compile 2005 base year activity data and develop emission estimates for all non- platforms sources in Gulf of Mexico on the Outer Continental Shelf (OCS). When reviewing the results of the *Year 2005 Gulfwide Emission Inventory Study*, it is important to keep in mind the widespread damage in the Gulf of Mexico caused by hurricanes Katrina and Rita, which impacted the inventory results for September through December.

WHAT INVENTORY DATA FILES ARE PROVIDED?

These files are currently provided in Microsoft Access XP˙. The zipped file contains a MS-Access˙ database with one table that includes all non-platform source emissions data.

HOW ARE THE DATA FILES ORGANIZED?

ERG has used a structure similar to that of the U.S. Environmental Protection Agency's National Emissions Inventory (NEI) database to compile the Gulfwide Inventory non-platform files. The specific data structure used for the 2005 Gulfwide Inventory is based loosely on NEI Input Format (NIF) Version 3.0 for mobile sources. Further information about the NIF can be found at *http://www.epa.gov/ttn/chief/nif/index.html#ver3*.

Table 1 summarizes the structure of the NIF platform files provided.

WHAT SOFTWARE DO I NEED TO USE THE DATA FILES?

The NEI files are provided in Microsoft˙ Access XP. MS-Access provides a reliable, commonly used platform which can be used to view and link the files.

HOW CAN I REVIEW OR USE THE FILES?

MMS, air quality modelers, State and local agencies, and industry representatives can review and use these files in a number of ways. Emission estimates can be summarized by non-platform source category, block, area, pollutant, and vessel type. Estimates can also be assessed for specific geographic areas in the Gulf of Mexico on the OCS by mapping the latitude/longitude coordinates and lease blocks to the MMS area of interest.

Table 1. Summary of Non-Platform Field Names

SCC	Source Category Classification Code
SCC Name	Description of SCC Code
Nonplatform Name	Source Category Description that is often more detailed than SCC Code
Protraction	Protraction ID code
Block	Lease Block ID code
AC_LAB	Area Code and Lease Block ID combined
Pollutant	Pollutant Identification Code
Emission Numeric Value	Emission Estimate
Emission Type	Annual
Emission Units	Tons
X Longitude*	Longitude Coordinate
Y Latitude*	Latitude Coordinate

* For lease blocks and lightering zones, the latitude and longitude represent the centroid of the block or area.