

STUDY TITLE: Year 2011 Gulfwide Emissions Inventory Study

REPORT TITLE: User's Guide for the 2011 Gulfwide Offshore Activities Data System (GOADS-2011)

CONTRACT NUMBER: M10PC00084

SPONSORING OCS REGION: Gulf of Mexico

APPLICABLE PLANNING AREAS: Central and Western

FISCAL YEAR OF PROJECT FUNDING: 2010

COMPLETION DATE OF REPORT: June 2011

COST: FY 2010: approximately \$25,000 for the User's Guide and Software Updates

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KEY WORDS: Air pollutant emissions inventory, Gulf of Mexico, GOADS-2011

BACKGROUND: The Bureau of Ocean Energy Management, Regulation and Enforcement (BOEMRE) mandated that offshore operators in the Gulf of Mexico OCS participate in an annual survey program for the years 2000, 2005, 2008, and now 2011. The surveys assist the BOEMRE in constructing an emission inventory for the entire Gulf of Mexico. For the past efforts, BOEMRE created the Gulfwide Offshore Activities Data System (GOADS) software in order to assist offshore operators in recording information regarding emissions-related offshore activities and generating computer data files that can be delivered to the BOEMRE. For the 2011 inventory effort, improvements have been made to the software; the new version is GOADS-2011. The GOADS-2011 software will be used to record information regarding emissions-related offshore activities for calendar year 2011.

OBJECTIVES: The GOADS-2011 software assists users in recording information regarding emissions-related offshore activities and generates computer data files that can be delivered to the BOEMRE. GOADS-2011 queries the user regarding emissions-related operating data, saves the data on the user's PC, and guides the user to create copies of the data on compact disks (CDs) for backup or delivery to the BOEMRE.

DESCRIPTION: The GOADS-2011 software works on IBM-compatible personal computers (PCs) that are equipped with the Microsoft Windows® XP, Windows® Vista, or Windows® 7 operating systems. The primary difference between the GOADS-2008

and the GOADS-2011 is that users can create records for dual-fuel turbines in this version of GOADS. Other revisions focused on programming errors associated with the QC checks and the QA Summary Form checks.

SIGNIFICANT CONCLUSIONS: The GOADS-2011 program has been revised to allow operators to create records for dual-fuel turbines. Other revisions focused on programming errors associated with the QC checks and the QA Summary Form checks. In addition, the descriptive mode of the structure screen asks for information on minor sources and why they can be exempted from reporting. The GOADS-2011 still includes the QA Summary Form that needs to be printed out and submitted with the activity data files. Features of GOADS-2011 include the ability to export and import GOADS-2011 files (GOADS-2008 platform and equipment descriptions will be made available as GOADS-2011 Import files), export the structure/equipment descriptions to a spreadsheet, and print the current screen.

STUDY RESULTS: According to NTL No. 2010-G06, the BOEMRE should receive all 2011 data files from the operators before April 18, 2012.

STUDY PRODUCT: Wilson, D. and B. Boyer. 2011. User's guide for the 2011 Gulfwide Offshore Activities Data System (GOADS-2011). U.S. Dept. of the Interior, Bureau of Ocean Energy Management, Regulation and Enforcement, Gulf of Mexico OCS Region, New Orleans, LA. OCS Study BOEMRE 2011-001. 78 pp.