

Monthly Technical Report

(Due to AQRP Project Manager on the 8th day of the month following the last day of the reporting period.)

PROJECT TITLE	Analysis of VOC, NO ₂ , SO ₂ and HCHO data from SOF, mobile DOAS and MW-DOAS during DISCOVER-AQ,	PROJECT #	14-007
PROJECT PARTICIPANTS (Enter all institutions with Task Orders for this Project)	Chalmers University of Technology University of Houston	DATE SUBMITTED	8/9/14
REPORTING PERIOD	From: August 1, 2014 To: August 31, 2014	REPORT #	2

A Financial Status Report (FSR) and Invoice will be submitted separately from each of the Project Participants reflecting charges for this Reporting Period. I understand that the FSR and Invoice are due to the AQRP by the 15th of the month following the reporting period shown above.

Detailed Accomplishments by Task *(Include all Task actions conducted during the reporting month.)*

Task 1 b: A retrieval scheme and automatic retrieval algorithm has been develop for multiple angle data.

Task 1c) The Sciatran model (Rozanov, 2005) has been installed and compiled on a computer. We have been able to run various various test cases. We are cooperating with UH to fins appropriate input data from the NASA discover database and we have ha several wrksshops on this thru gotomeeting.

Task 3: Comparison of mobile DOAS and SOF data to data from ground sites and the two airplanes within NASA DISCOVER-AQ:

WE have had started to compile the data together with UH.

Preliminary Analysis *(Include graphs and tables as necessary.)*

NA

Data Collected *(Include raw and refine data.)*

NA

Identify Problems or Issues Encountered and Proposed Solutions or Adjustments

None

Goals and Anticipated Issues for the Succeeding Reporting Period

We will continue with task 1 b and 1 c and start with 1 e, doint some test measurements.

Detailed Analysis of the Progress of the Task Order to Date *(Discuss the Task Order schedule, progress being made toward goals of the Work Plan, explanation for any delays in completing tasks and/or project goals. Provide justification for any milestones completed more than one (1) month later than projected.)*

Submitted to AQRP by: _____

Principal Investigator: Johan Mellqvist_____

(Printed or Typed)