

AQRP Monthly Technical Report

PROJECT TITLE	Galveston Offshore Ozone Observations (GO3)	PROJECT #	20-004
PROJECT PARTICIPANTS	James Flynn (UH) Yuxuan Wang (UH) Paul Walter (St. Edward's University) Gary Morris (St. Edward's University)	DATE SUBMITTED	8/7/2020
REPORTING PERIOD	From: July 20, 2020 To: July 31, 2020	REPORT #	1

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 14th of the month following the reporting period shown above.

Detailed Accomplishments by Task for reporting period

- University of Houston (UH) and St. Edward's University (SEU) received the Task Order for this project on July 20, 2020.
- UH account was established on July 24, 2020.
- SEU placed and received orders for 20 iMet radiosondes and for 10 cylinders of UHP helium.
- SEU placed an order for order 20 ozonesondes along with parachutes, payout reels, and balloons from En-Sci.
- Orders for the sampling packages were placed and it included instrument enclosures, instrument coolers, rugged PCs, cellular modems, GPS units, and weather stations. Most of this orders have been received.
- SEU also ordered new parts to refurbish the two 2BTech 205i ozone monitors.
- UH has started processing the paperwork to purchase the CL-51 Ceilometer from Vaisala.
- Red Eagle (Ryan Marine Service) boat and Larry Willis' shrimp boat were toured in order to begin planning for instrument installation on July 29th using instrument package mockups.
- The pontoon boat that will be used for measurements and ozonesonde launches from Galveston Bay was serviced and preparations have begun on upgrades required to complete this project.

Preliminary Analysis

No data collected.

Data Collected

None.

Identify Any Problems or Issues Encountered and Proposed Solutions or Adjustments

To date, no major problems have been encountered since the Task Order was fully executed and the accounts were created within UH.

Goals and Anticipated Issues for the Succeeding Reporting Period

Continue purchasing parts and begin assembling the instrument systems for testing.

Detailed Analysis of the Progress of the Task Order to Date

Orders are being processed as quickly as possible for key components. Smaller components are being purchased as needed to ensure compatibility with major components. The project is on schedule relative to the date funds became available.

Do you have any publications related to this project currently under development? If so, please provide a working title, and the journals you plan to submit to.

Yes No

Do you have any publications related to this project currently under review by a journal? If so, what is the working title and the journal name? Have you sent a copy of the article to your AQR Project Manager and your TCEQ Liaison?

Yes No

Do you have any bibliographic publications (ie: publications that cite the project) related to this project that have been published? If so, please list the reference information. List all items for the lifetime of the project.

Yes No

Do you have any presentations related to this project currently under development? If so, please provide working title, and the conference you plan to present it (this does not include presentations for the AQR Workshop).

Yes No

Do you have any presentations related to this project that have been published? If so, please list reference information. List all items for the lifetime of the project.

Yes No

Have any personnel changes occurred that were not listed in the original proposal? If so, please include a detailed description of the personnel change(s) below.

Yes No

Commented [TV2]: Both boxes are checked. Please explain or check only one box.

Commented [VMME3R2]: Correction made

Are any delays expected in the progress of the research? If so, please include a detailed description of the potential delay below.

Yes No

Describe any possible concerns/issues (technical or non-technical) that AQRP should be made aware of.

Yes No

Commented [TV4]: Apologies. Looks like our form was missing these boxes. Please provide the correct response. Thanks.

Are you anticipating using all the available funds allocated to this project by the end date? If not, why and approximately what is the amount to be returned?

Yes No

Submitted to AQRP by
James Flynn