

Cook Inlet Risk Assessment  
3<sup>rd</sup> Quarter Project Report

October 13, 2011



### **Project Goal**

The goal of the risk assessment is to answer the following questions:

- What can go wrong?
- How likely is it?
- What are the impacts?
- Can the impacts be mitigated?

The risk assessment will examine the current types and sizes of vessels plying Cook Inlet, dominate accident types and attempt to identify future oil spill risks based on vessel size, type and frequency. The first phase of the risk assessment will be limited to a semi-qualitative analysis. The study will rely primarily on historical data, expert opinion, and lessons learned from prior studies. Study results will provide a basis for the identification and initial ranking of risk reduction measures.

The following list the key milestones for the project by Task as described in the work plan<sup>1</sup>.

#### ***Task 1- Provide for Project Communications***

All project communication continues to be directed through the project website at <http://www.cookinletriskassessment.com/index.html>. The website was activated in March and has been updated on an as needed basis since activation. The public website was used to announce and solicit Advisory Panel membership (see Task 2). Private websites were also established during this quarter for the Management Team and Advisory Panel members. The email contact list was expanded based by adding individuals that have expressed an interest in being kept informed of the projects progress. This task is ongoing.

#### ***Task 2- Facilitate and Provide Administrative Support to the Management Team and Advisory Panel***

Regular meetings of the Management Team serve to provide project direction from the Management Team to the Project Managers. The Project contractor team met with the Management Team four times via teleconference during this quarter to develop an Advisory Panel solicitation strategy and implementation of the strategy. The Project Team assisted the Management Team with the selection of Advisory Panel members utilizing a selection criterion. Extensive public outreach for

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<sup>1</sup> [http://www.cookinletriskassessment.com/documents/110426CIRADraftWorkPlan\\_rev2.pdf](http://www.cookinletriskassessment.com/documents/110426CIRADraftWorkPlan_rev2.pdf)

soliciting stakeholder representatives for Advisory Panel positions occurred using local media outlets and advertising. The Project Team communicated to all applicants the outcome of the Advisory Panel member selection. Since not all of the Advisory Panel member positions have been filled, this task remains ongoing.

***Task 3- Conduct a Traffic Study***

Cape International Services<sup>2</sup> was contracted to perform the study and began analysis of the AIS vessel traffic data during the 2<sup>nd</sup> Qtr. of 2011. A draft report will be submitted to the Management Team and Advisory Panel at their first meeting in October. The report will also be available for public review and input prior to finalizing. This task will be completed early in the 4<sup>th</sup> quarter.

***Task 4- Prepare a Baseline Spill and Accident Causality Studies***

Glosten Associates<sup>3</sup> have been selected to perform this task, which will commence upon the completion of the vessel traffic study. The contractor has begun to assemble vessel casualty data in preparation for this task. Their analysis is scheduled to begin 1st quarter of 2012.

***Task 5- Coordinate and Facilitate a Consequence Analysis Workshop***

This task is scheduled to begin 2<sup>nd</sup> Qtr. 2012.

***Task 6- Identify Risk Reduction Options***

This task is scheduled to begin 3<sup>rd</sup> Qtr. 2012.

***Task 7- Evaluate Risk Reduction Options***

This task is scheduled to begin 4<sup>th</sup> Qtr. 2012.

***Task 8- Prioritize Risk Reduction Options and Prepare Phase I Final Report***

This task is scheduled to begin 4<sup>th</sup> Qtr. 2012.

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<sup>2</sup> <http://www.capeinternationalservices.com/>

<sup>3</sup> <http://www.glosten.com/>