

Cook Inlet Risk Assessment Oil Spill Scenario's

Purpose: To be used to discuss impacts to biological and socio-economic impacts during the Consequence Analysis Workshop in Anchorage on September 20-21 with subject matter experts. The CIRA Advisory Panel selected the 6 scenarios and parameters on August 23rd. The scenario parameters are based on findings from the CIRA Vessel Traffic Study and CIRA Spill Baseline & Causality Studies.

CIRA Scenario Table

No.	Vessel Type	Region	Location	Lat	Lon	Oil Type (General)	Specific Oil	Spill Volume (BBL)	Moored or Transit	Incident Type	Season	Month
1	Tank Ship	Mid	Drift River	60.553886N	152.136185W	Medium Persistent	Medium Crude Oil	30,000	Moored	Structural	Non-ice	July
2	Tank Barge	Mid	Nikiski	60.683090N	151.399460W	Low Persistent	Diesel Fuel	1,000	Moored	Operational Error	Non-ice	Nov
3	Tank Ship	Upper	Knik Shoal	61.207630N	150.088684W	Non Persistent	Jet Fuel	48,000	Transit	Powered Grounding	Non-ice	June
4	Non Tank Vessel	Upper	Port of Anchorage	61.241463N	149.887405W	Heavy Persistent	Intermediate Fuel Oil	1,000	Moored	Equip Failure	Ice	Feb
5	Tank Barge	Lower	Barren Islands	58.971298N	152.045883W	Low Persistent	Diesel Fuel	20,000	Transit	Drift Grounding	Non-ice	May
6	Workboat	Lower	Port of Homer	59.604824N	151.419373W	Low Persistent	Diesel Fuel	100	Moored	Operational Error	Non-ice	July