Australian Government
Australian Maritime Safety Authority

PROCEDURE FOR INITIATING OIL SPILL MODELLING

Step 1. Complete this form with all details, providing estimates and details of uncertainties.
Step 2. Contact the **AMSA Marine Pollution Duty Officer**, through the AMSA Joint Rescue Coordination Centre (24/7) on 1800 641 792, for further instructions.

If new information becomes available, inform the duty officer by telephone and email the details.

Incident ☐ **Exercise** ☐ Clear form

Date and time of this notification: **(HH:MM)**

Contact details

Name of company	
Name of contact person	
Contact number (include country/area codes)	
Email address for return communications	

Details of spilled material (include oil assay if available)

Oil name			
Type or description			
Latitude of source	Degrees:	Minutes:	Seconds:
Longitude of source	Degrees:	Minutes:	Seconds:
Date and time spill started			
Time zone (+ or - from UTC)			
If slicks have been observed from an unknown source, **provide** map information to define the bounds (attach to email).			
Do you want: Forecasting forward in time from this location or back-track to an unknown source, or both?	☐ Forward from slick area ☐ Back-track from slick area ☐ Forward and back-track	Geographic bounds of slick area(s) and time of observation must be supplied.	

Depth, type of discharge

Depth of release	☐ Surface	☐ Subsurface – specify the depth (m)
If from subsurface, describe the discharge energy	☐ Low turbulence e.g. low-pressure leak	
	☐ Medium turbulence e.g. intermediate-pressure leak	
	☐ High turbulence e.g. well blow out, ruptured pipeline	

Volume or rate of release

Short spills that have ended	Volume:		Units:	Duration (hours):
Ongoing spills	Rate:		Units:	per hour

Notes (describe special details of the incident, special concerns, landmarks, doubts about information, etc.)

Documents attached

☐ Oil Assay sheet ☐ Safety data sheet ☐ Local wind measurements
☐ Spill site photos ☐ Aerial surveillance maps ☐ Line drawings showing oil distribution
☐ Others (specify):

PROCEDURE FOR REQUESTING UPDATED OIL SPILL MODELLING

Step 1. Revise the input form for any changes.

Step 2. If surveillance is available to define the observed location of slicks, this information should be provided to the duty officer in a format that can be translated to define the spatial distribution and relative thickness of the oil. Formats that would be useful include:

a. A GIS (.shp) file defining the oil distribution (including the datum format)
b. Satellite imagery that includes spatial references
c. Photographs with location references
d. A line drawing marked with estimated centre and edge locations, length and width dimensions, and relative thickness contours (use the space below, making sure to provide spatial references)
e. Location of tracking buoys (first confirm that these are marking the slick location).

Step 3. Call the RPS Response duty officer that created the initial model, to request an update to the spill modeling for changed details, explaining what has changed and seeking clarification as required.

Step 4. Send the form and any files to the RPS Response Duty Officer.

Privacy statement

Your personal information is being collected to deliver AMSA's functions under the *Australian Maritime Safety Authority Act 1990*, the *Navigation Act 2012* and/or the *Marine Safety (Domestic Commercial Vessel) National Law Act 2012.* Failure to provide personal information may mean we cannot provide a service to you. More details about how we handle your personal information can be found in AMSA's Privacy Policy (visit www.amsa.gov.au/privacy).