



# PROCEDURE FOR INITIATING CHEMICAL 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**

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

## Type of trajectory modelling required

<input type="checkbox"/>	Chemical spill	<input type="checkbox"/>	Vapours also	<input type="checkbox"/>	Update request
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## Contact details

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

## Details of spilled material (if uncertain, specify closest analogue) SEND SDS

Chemical name (not commercial name)	
CAS number (or number if more than one active ingredient of concern)	
State of the chemical on entering the water Concentrations in solutions or suspensions should be the active ingredient of concern	Solid powder Solid crystals/pellets Pure liquid Aqueous solution at concentration of _____ Dissolved in hydrophobic solvent at concentration of _____ Suspension at concentration of _____ Gas

## Location and time of spill

Latitude of source	Degrees:	Minutes:	Seconds:
Longitude of source	Degrees:	Minutes:	Seconds:
Date and time spill started			
Time zone (+ or – from UTC)			

## Depth and type of discharge

Depth of release	Surface	Subsurface, at depth of _____	metres
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## Volume or rate of release

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

Safety data sheet (SDS (formerly MSDS)) Aerial surveillance maps Others (specify here):	Spill site photographs Local wind measurements
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## PROCEDURE FOR REQUESTING UPDATED CHEMICAL 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 chemical. Formats that would be useful include:

- a. A GIS (.shp) file defining the chemical 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 modelling 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.

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