

Appendix 11 – Oil Spill Trajectory Modelling (OSTM) Request



Australian Government
Australian Maritime Safety Authority

OIL SPILL TRAJECTORY MODELLING (OSTM) REQUEST

Email completed form to: OSTM@amsa.gov.au
or Fax to: 02 6279 5076 (bh); 02 6230 6868 (ah).
After sending the request phone the AMSA
Emergency Response Centre on 02 6230 6811
or 1800 641 792.

Priority of request Urgent Routine Exercise

NB: At one months notice must be given for OSTM run(s) requested as part of an exercise or for contingency planning purposes.

Vessel/spill/exercise name or identifier		
Name of requesting organisation		Name of requesting person and position in response
Contact telephone number	Email address for model output (preferred method)	Fax number for receipt of model output

Format of coordinates used (select one)	Latitude of spill	Longitude of spill
Degrees & decimal degrees	. °	. °
Degrees, minutes & decimal minutes	° ' . '	° ' . '
Degrees, minutes & seconds	° ' "	° ' "

Spill start date (eg 23 08 2000) Day Month Year	Spill start time (spill site local time, 24 hour clock)	Local time used eg EST, CST, WST, UTC, daylight saving etc
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Type of oil spill or likely to be spilled eg Name: crude oil / Type: fuel oil / Grade: bunker fuel

Name	Type	Grade
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Amount of oil spilled or likely to be spilled (complete one option)

If exact spill quantity is unknown for modelling purposes provide a maximum quantity of spill

Tonnes Cubic metres Litres Barrels

Known or estimated amount of time oil was being discharged hours

How long do you want the model prediction for Hours (eg 12, 24, 36 hrs)

Surface water temperature at spill site °C (if not available AMSA will use an average for this location)

Wind speed and direction at spill location is vital to the effectiveness of the spill simulation model

Wind speed and direction

Note: If wind speed and direction are variable use page 2 to input data

DISCLAIMER

Any Oil Spill Trajectory Modelling predictions are for the exclusive use of the client and not for third party use. The oil spill trajectory predictions, opinions and interpretations contained in predictions are based on observations and data supplied by the client and information sources available to AMSA.

The computer model predictions, interpretations or opinions expressed represent the best judgement of the Environment Protection Response, Emergency Response, Australian Maritime Safety Authority (AMSA). AMSA and its personnel or advisers, assume no responsibility and make no warranty or representations as to the accuracy or reliability of the predictions. It should be noted that accuracy of predictions may be adversely affected where modelling is carried out in respect of spills in enclosed waters, estuaries, close to shore, or when only low resolution maps are available.

The use and mention of any specialist software or equipment in any prediction does not represent endorsement of these products by AMSA.

Copies of this form can be obtained at:

http://www.amsa.gov.au/Marine_Environment_Protection/National_plan/General_Information/Oil_Spill_Trajectory_Model

