

VESSEL INTRODUCED MARINE PEST RISK ASSESSMENT				
Last updated on 1 February 2020			SOLANDER	
			ENTER SCORE HERE	ENTER SCORE HERE
Vessel Type IMS Infection Risk Rating				
IMS infection risk - Vessel Type			Previous 3 months	Forcast 3 months
Type of vessel	Insert Vessel Type Factor <i>(Refer Vessel Risk Score Tab)</i>	Value	1.7	1.7
IMS Inspection and Period Out-of-Water				
Recent IMS Inspection and Cleaning History		X		
No inspection prior to date of contract commencement = 1.0 Previous IMS inspection (and clean if necessary) or out of water period > 21d within 6 months prior to molbilsation = 0.85 One independent in-water IMS inspection (and clean if necessary) within the 21 days of contract commencement = 0.75 One independent out-of-water IMS inspection (and clean if necessary) or out of water period > 21d, within 21 days of contract commencement = 0.50		Value	1	1
IMS Inspection - Vessel Internal Niches		X		
Independent IMS inspection included topside areas and internal niches (ie. seawater system strainers, anchor chain/cable locker and ballast tanks) Yes = 0.75 No = 1.00		Value	1	1
Vessel Out-of-water Period Prior to Mobilisation		X		
Continuous total out-of-water period immediately prior to arrival within operational area by either deck cargo, hard stand, or road freight that is: <7 days or not applicable = 1.0 7-14 days = 0.8 14-28 days = 0.3 >28 days = 0.1		Value	1	1
IMS Infection Risk - Age of Fouling Control Coating				
Age and Suitability of Fouling Control Coating (FCC) at Mobilisation Date		X		
FCC type is unknown, unsuited or absent 5.00 FCC type is known, suited to activity and speed and documented age of FCC at mobilisation will be: > 24 months= 4.00 12 - 24 months = 2.00 9-12 months = 1.00 6-9 months = 0.85 3-6 months = 0.75 1-3 months = 0.40 <1 month = 0.25		Value	2	2
IMS Infection Risk - Vessel Internal Treatment History				
Internal Treatment System(s)		+		
Vessel has internal treatment system Yes = 0.50 No = 1.0		Value	1	1
Internal Treatment History		X		
Vessel internal systems treated using suitable chemical treatment (such as Rydlyme, Conquest or other agreed treatment) >12 months or unknown 2.00 6-12 months = 1.00 3-6 months = 0.50 1-3 months = 0.40 Internal treament system present or treatment within <1 month = 0.25		Value	2	2
IMS Infection Risk - Vessel Location History				
Vessel origin and proposed area of operation		X		
Climatic relationship of home port or previous operational region, in relation to proposed region of operation <i>(Refer to Regions of the World Map Tab)</i> <i>(Insert highest scoring region only)</i>	Similar climatic region = 3.00 Adjacent climatic region = 1.50 Separate climatic region = 0.80	Value	1.5	1.5
Number of stationary / slow speed periods over 7 days		+		
Total # of 7 day periods of rest or at slow speeds (<6kn) in port or coastal waters (<100 metres depth or within 50km) since last FCC or independent Inspection*	Total # of stationary periods > 4 = 3.00 Total # of stationary periods between 2 - 4 = 2.00 Total # of stationary periods between 1 and 2 = 1.00 Stationary period is < 1 week = 0.75	Value	0.75	1
Region of the stationary/slow speed periods		X		
Region/s of the primary operations where above stationary or slow speed periods occurred: <i>(Refer to Regions of the World Map Tab)</i> <i>(Insert highest scoring region only)</i>	Similar climatic region = 3.00 Adjacent climatic region = 1.50 Separate climatic region = 0.80 If not applicable = 0.00	Value	3	3
IMS Infection Risk -Planned Activity				
Type of Activity - Contact with Seafloor		X		
Planned activity will have direct contact with seafloor (other than anchoring) (ie dredge / drilling) = 2.0 Planned activity will have direct contact with seafloor (anchoring only) (ie. research) = 1.2 No anchoring or activities contacting seafloor (ie DP or Seismic) = 1.0 <i>(Insert highest score only)</i>		Value	1.2	1.2
IMS Infection Risk -Ballast Water				
Ballast / trim tank seawater		+		
Ballast/trim water origin: <i>(Refer to Regions of the World Map Tab)</i> No ballast/trim water or no discharge required = 0.0 Seawater sourced from similar or adjacent climatic region - discharge required = 3.0 Seawater from separate climatic region - discharge required = 2.0		Value	0	0
AQIS Ballast Water Management Requirements adhered: Intended = 0.0 Not possible = 10.0		Value	0	0
Vessel Risk Score =		TOTAL		
If score <25 = Low risk: Vessel details require checks/confirmation only				
If score 25-80 = Uncertain risk: precautionary principal applied: Confirmatory independent inspection and/or potential actioning required				
If score >80 = High risk: premobilisation inspection actions required			Previous 3 months	Forcast 3 months
IMS inspections must be undertaken by a qualified marine pest expert approved by the Department of Fisheries			30.60	36.72
Process Owner: Engineering and Field Operations Manager has overall responsibility for this form Version: 1 Date approved: 11 May 2018 Approved by: Engineering and Field Operations Manager Review Date: 11 May 2019			Uncertain Risk - Caution	Uncertain Risk - Caution

Based on Pilbara Ports vessel risk assessment for invasive marine species, [https://www.pilbaraports.com.au/Port-of-Port-Hedland/Environment-and-heritage/Environment-monitoring-and-modification-programme/Port-of-Port-Hedland/Vessel-Marine-Pest-Risk-Assessment-Scoring-Sheet-\(16062020\).xlsx](https://www.pilbaraports.com.au/Port-of-Port-Hedland/Environment-and-heritage/Environment-monitoring-and-modification-programme/Port-of-Port-Hedland/Vessel-Marine-Pest-Risk-Assessment-Scoring-Sheet-(16062020).xlsx)