WINTER TARBALL SOS FORM for _____ Spill Page _____of _____

1 GENERAL INFORMATION	Date (dd/mm/yy)	Time (24h): standard/daylight	Tide Height
Segment ID:		hrs to hrs	rising / falling
Operations Division:		Season: Open Water / Freeze-Up Transition / Frozen Period / Breakup-Thaw	
Survey by: Foot / ATV / Boat / Helicopter / Overlook / _____		Sun / Clouds / Fog / Rain / Snow / Windy / Calm	Air Temp + / - ____ deg C.

2 SURVEY TEAM # _____	***name***	***organization***	***contact phone number***

3 SEGMENT ***Total Segment Length*** _____ ***m*** ***Segment Length Surveyed*** _____ ***m*** ***Maximum Intertidal Width*** _____ ***m***

Start GPS: LATITUDE _____deg. _____min. LONGITUDE _____deg. _____min. ***Datum:***_____

End GPS: LATITUDE _____deg. _____min. LONGITUDE _____deg. _____min.

4A SHORELINE TYPE ***SELECT only one primary (P) shoreline type and any number of secondary (S) types. CIRCLE those OILED***

BEDROCK: Cliff_____ Ramp_____ Platform_____	***Sediment BEACH:*** Sand_____ Mixed_____ Pebble/Cobble_____ Boulder_____
MAN-MADE: Solid_____ Permeable_____ (type)_____	***Sediment FLAT*** : Mud_____ Sand _____ Mixed_____ Pebble/Cobble/Boulder____

IceShelf/Glacier:_____ **Peat Shore**:_____ **Tundra Cliff**: Ice Poor____ Ice Rich____ **Inundated Tundra** ____ ***Marsh/Wetland:*** _____ ***Other*** :_____

4B SNOW and ICE CONDITIONS ***SELECT as appropriate. CIRCLE those oiled. Indicate intertidal zone location/s.***

snow:	cover _____%	**frozen spray:**	width _____m	**ice foot:**	width _____m		
	thickness _____cm		thickness ____cm		thickness _____cm		
	fresh Y / N	**frozen swash:**	width _____m		location L M U S		
	compacted Y / N		thickness ____cm	**ice push ridge**	width _____m		
	location L M U S		location L M U S		thickness _____cm		
glacier ice:	height of ice front: _____m	**grounded floes:**	ave. length _____m		location L M U S		
	floating front: Y / N		ave. thickness _____cm				
			location L M U S				

4C NEARSHORE ICE CONDITONS ***circle one in each of the three categories***

CONCENTRATION: 0/10	***FORM: (m)***		***AGE and thickness (cm):***		
open water < 1/10	pancake 0.3 -3	small floes 20-100	new / frazil / slush	<5	
very open drift 1/10 - 3/10	brash < 2	medium floe 100-500	nilas or ice rind	< 10	age unknown ___
open drift 4/10 - 6/10	ice cakes < 20	big floe 500-2000	young: grey-white	10-30	
close pack 7/10 - 8/10	none Y	vast-giant floe > 2000	first year	> 30	
very close pack 9/10	**Fast ice: Y /N**		second year	> 250	
compact ice 10/10	**Tidal Cracks: Y / N**		multi year	> 300	

4B COASTAL/BACKSHORE CHARACTER - *select only one primary(P) and any number of secondary(S)* ***complete for (P) primary only***

Cliff/Hill:____est height ____m	Flat / Lowland: ___	Beach ____	Dune ____	River Inlet/Channel ____	Substrate Type: _____
Sloped:___ (>5°)(15°)(30°)	Man-Made ____ (type) _____	Delta ____	Lagoon ____	Marsh/Wetland_____	Forested / Vegetated / Bare

5 OPERATIONAL FEATURES Suitable backshore **staging** Y/N **Access**: Direct from backshore Y / N Alongshore from next segment Y / N

Debris: Y / N oiled Y / N amount _____bags or _____trucks access restrictions _____

Depth of active layer _____cm Other Features:

6 TARBALL CONDITIONS	Area 1	Area 2	Area 3	Area 4
Tar Balls Observed ?	YES □ NO □	YES □ NO □	YES □ NO □	YES □ NO □
Oiled Debris Observed ?	YES □ NO □	YES □ NO □	YES □ NO □	YES □ NO □
Tidal Zone (LI – MI – UI – SU)				
Length (m) Approximate alongshore length of of shore in segment in which tarballs/oiled debris are observed				
Width (m) Across-shore width of the band on the shore in which tarballs/oiled debris are observed				
Average Number of Tar Balls Within Area (e.g. 2 per sq.m. within band; 3 per 100 m alongshore; 6 total within area, etc.) *Be specific*				
Average Size of Tar Balls (cm)				
Size of Largest Tar Ball (cm)				
Type of Tar Balls	Weathered □ Sticky □	Weathered □ Sticky □	Weathered □ Sticky □	Weathered □ Sticky □
Tar Balls Collected ?	YES □ NO □	YES □ NO □	YES □ NO □	YES □ NO □

8 COMMENTS ***ecological/recreational/cultural/economic constraints - shorezone biota and wildlife observations - cleanup recommendations***

(for ALL sub-segments record: sub-segment ID, length, length surveyed,and GPS start/end fixes)

Sketch Yes/No **Photos** Yes/No (Roll # _____ Frames_____) **Video Tape** Yes/No (tape #_____) **Spill Version**: (name/date)