

COVER

Observer(s) _____

Contact(s) _____ Date _____

Beach/Prospected area _____ UTM grid _____

Town, County _____ Start time _____ End time _____

Start point _____ End point _____

(If GPS is available, indicate GPS coordinates. If not, indicate visual references)

WEATHER

Wind _____ <small>(Beaufort scale)</small>	Direction _____	Sea _____ <small>(Douglas scale)</small>
Cloudiness: Clear <input type="checkbox"/> Partially clouded <input type="checkbox"/> Totally clouded <input type="checkbox"/> Rainfall <input type="checkbox"/>		
Weather conditions in previous days: Cold front <input type="checkbox"/> Storm <input type="checkbox"/> Strong winds <input type="checkbox"/> Other _____		
Tide: low <input type="checkbox"/> high <input type="checkbox"/> lowering <input type="checkbox"/> flooding <input type="checkbox"/>		

SITE DESCRIPTION AND CONTAMINATION

Beach width: Narrow (<10m) <input type="checkbox"/> Medium (10-50m) <input type="checkbox"/> Large (>50m) <input type="checkbox"/>		
Intertidal zone: Rock _____% Sand _____% Mud _____% Other _____%		
Presence of oceanic debris: Absence <input type="checkbox"/> Non- continuous line <input type="checkbox"/>		
Narrow continuous line (<1m) <input type="checkbox"/> Large continuous line (>1m) <input type="checkbox"/>		
Main composition: Vegetable material ___% (algae, wood, reed, etc.) Fishing waste ___% (buoys, nets, lines, etc.) Recyclable material ___% (plastic, metal, glass, batteries) Other _____%		
Oil traces: Yes <input type="checkbox"/> No <input type="checkbox"/> Recent cleaning operation traces: Yes <input type="checkbox"/> No <input type="checkbox"/>		

NOTES

STRANDINGS

Date _____ Prospected area _____ Observer(s) _____

Species	Condition	Sex	Age	Causes	Mark/Ring	Notes

Sex
0 - Undetermined
1 - Male
2 - Female
Age
0 - Undetermined
1 - Juvenile
2 - Immature
3 - Adulte

Condition
1 - Alive, very fragile state
2 - Dead. Fresh. Beached in last 24 hs
3 - Dead. Advanced decomposition
4 - Dead. Only some parts remain.
5 - Other

Causes
0 - Unknown
1 - Fishing interaction (Bycatch)
a) Nets
b) Hooks
c) Lines
d) Others
2 - Oil contaminated
a) Slight. Doesn't penetrate plummage
b) Moderate. < 25% of body affected
c) Elevated. > 25% of body affected
3 - Traces of predation
4 - Other _____

Recomendations and Methodology:

Fill a “Cover” form per visit, and one line of the “Strandings” form per animal found (birds/cetacean/turtles). If possible, document with photo.

Please submit your data on www.fameproject.eu/fotos/editor2/arrojamentosform1.3.1_en.pdf.

It will be made 3 visits per prospected area (Spring, Autumn and Winter), giving preference to days following storms or strong winds.

Always fill the 2 forms, even if you don't find any beached animals. For more information, please visit www.spea.pt or www.fameproject.eu.

BEAUFORT (Wind) and DOUGLAS (Sea) SCALE

Beaufort Scale

Beaufort number	Wind speed				Mean wind speed (kt / km/h / mph)	Description	Wave height		Sea conditions	Land conditions
	kt	km/h	mph	m/s			m	ft		
0	0	0	0	0-0.2	0 / 0 / 0	Calm	0	0	Flat.	Calm. Smoke rises vertically.
1	1-3	1-6	1-3	0.3-1.5	02 / 04 / 2	Light air	0.1	0.33	Ripples without crests.	Wind motion visible in smoke.
2	4-6	7-11	4-7	1.6-3.3	05 / 09 / 6	Light breeze	0.2	0.66	Small wavelets. Crests of glassy appearance, not breaking	Wind felt on exposed skin. Leaves rustle.
3	7-10	12-19	8-12	3.4-5.4	9 / 17 / 11	Gentle breeze	0.6	2	Large wavelets. Crests begin to break; scattered whitecaps	Leaves and smaller twigs in constant motion.
4	11-16	20-29	13-18	5.5-7.9	13 / 24 / 15	Moderate breeze	1	3.3	Small waves.	Dust and loose paper raised. Small branches begin to move.
5	17-21	30-39	19-24	8.0-10.7	19 / 35 / 22	Fresh breeze	2	6.6	Moderate (1.2 m) longer waves. Some foam and spray.	Smaller trees sway.
6	22-27	40-50	25-31	10.8-13.8	24 / 44 / 27	Strong breeze	3	9.9	Large waves with foam crests and some spray.	Large branches in motion. Whistling heard in overhead wires. Umbrella use becomes difficult.
7	28-33	51-62	32-38	13.9-17.1	30 / 56 / 35	Near gale	4	13.1	Sea heaps up and foam begins to streak.	Whole trees in motion. Effort to walk against the wind.
8	34-40	63-75	39-46	17.2-20.7	37 / 68 / 42	Gale	5.5	18	Moderately high waves with breaking crests forming spindrift. Streaks of foam.	Twigs broken from trees. Cars veer on road.
9	41-47	76-87	47-54	20.8-24.4	44 / 81 / 50	Strong gale	7	23	High waves (2.75 m) with dense foam. Wave crests start to roll over. Considerable spray.	Light structure damage.
10	48-55	88-102	55-63	24.5-28.4	52 / 96 / 60	Storm	9	29.5	Very high waves. The sea surface is white and there is considerable tumbling. Visibility is reduced.	Trees uprooted. Considerable structural damage.
11	56-63	103-117	64-72	28.5-32.6	60 / 111 / 69	Violent storm	11.5	37.7	Exceptionally high waves.	Widespread structural damage.
12	>63	>117	>72	>32.7	N/A	Hurricane	14+	46+	Huge waves. Air filled with foam and spray. Sea completely white with driving spray. Visibility very greatly reduced.	Massive and widespread damage to structures.

Douglas Scale

0	Calm (glassy)	-
1	Calm (rippled)	0 - 0,10 metres
2	Smooth	0,10 - 0,50 metres
3	Slight	0,50 - 1,25 metres
4	Moderate	1,25 - 2,50 metres
5	Rough	2,50 - 4 metres
6	Very rough	4 - 6 metres
7	High	6 - 9 metres
8	Very high	9 - 14 metres
9	Phenomenal	over 14 metres