Species: Right Whale
Whale ID: Eg #1238

**Date first observed entangled**

**Sex**
Male

**Birth year**
Unknown

**Age at entanglement**
20+

**Entanglement configuration**
Twisted line(s) entered the mouth and exited both sides at the gape; on the left side line passed over the flipper and under the chest to the right flipper; line exiting the right mouthline wrapped the flipper multiple times and lead to wraps at the peduncle.

**Anchoring point(s)**
Mouthline, flipper, peduncle

**Gear configuration confidence**
Moderate

**Remaining questions**
Unclear what was going on inside the mouth.

**Comments**
The assessment was based on observations at necropsy. By that time some gear may have been moved or removed. Animal may have drowned in gear.

**Entanglement injury severity**
Severe

**Entanglement configuration risk**
High

**Wound severity**
<table>
<thead>
<tr>
<th>Mouth</th>
<th>Head/ Rostrum</th>
<th>Flippers</th>
<th>Body</th>
<th>Flukes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low</td>
<td>None</td>
<td>High</td>
<td>Medium</td>
<td>Medium</td>
</tr>
</tbody>
</table>

**Duration of time carrying gear**
Minimum 1 day, maximum 121 days

**Disentangled?**
No

**Status**
Dead 25 Oct 2001

**Number of prior entanglement interactions**
2

**Reproductive prior to/after entanglement detection?**
Yes/No

**Case study ID**
PCCS
NMFS
GEAR ID
J102501 a-b

**Gear sample collected?**
Yes

**Gear type**
Danish Seine

**Polymer type**
Polysteel/Lead
Polysteel

**Gear component**

<table>
<thead>
<tr>
<th>Rope diameter (inches)</th>
<th>Tested</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4 (0.787)</td>
<td>8 776</td>
<td>11 500</td>
</tr>
<tr>
<td>3/4 (0.768)</td>
<td>8 392</td>
<td></td>
</tr>
</tbody>
</table>

This case study was developed under NOAA Award # NA09NMF4520413 to the Consortium for Wildlife Bycatch Reduction, administered at the New England Aquarium, Boston, MA, USA (available at www.bycatch.org).

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DATA SHEET

FORENSIC ANALYSIS OF ROPES
WHALE ENTANGLEMENT PROJECT

SPECIMEN ID NO.           NMFS NO.
J102501                   E25-01

Gear Description:
Typical of Danish seine gear used in Gulf of St. Lawrence where gear was recovered. The lines included polysteel float rope and polysteel with lead that had negative buoyancy. A short length of unwound polysteel strand was with the gear but not analyzed.
Rope description:
J102501-a 3/4 inch 3-strand polysteel with small lead core in each strand making it sinking with a specific gravity of 1.120. Moderate surface wear.

<table>
<thead>
<tr>
<th>Tested (T) or adjusted (A) strength</th>
<th>Typical new strength</th>
<th>Rope condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>8,776 lbs (T)</td>
<td>11,500 lbs</td>
<td>Good</td>
</tr>
</tbody>
</table>
J102501-b 3/4 inch 3-strand polysteel with extensive surface wear.

<table>
<thead>
<tr>
<th>Tested (T) or adjusted (A) strength</th>
<th>Typical new strength</th>
<th>Rope condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>8,392 lbs (T)</td>
<td>11,500 lbs</td>
<td>Fair</td>
</tr>
</tbody>
</table>