

Characteristics of Observed False Killer Whale Interactions 2013-April 2015

ID	2013-1	2013-2	2013-3	2013-4	2014-1	2014-2	2014-3	2014-4
Fishery	Deep	Deep	Deep	Deep	Deep	Deep	Deep	Shallow
Date	15-Jan-13	29-Jan-13	21-Feb-13	20-Apr-13	3-Feb-14	1-Mar-14	1-Mar-14	20-May-14
Injury det	Non-serious	Serious	Serious	Non-serious	Serious	Serious*	Serious*	Non-serious*
Hooked/ entangled	Hooked	Hooked	Hooked	Hooked	Hooked	Hooked	Hooked	Hooked
Hook location	Unknown	Mouth or ingested	Head/mouth or ingested	Mouth	Mouth	Head/mouth or ingested	Mouth or ingested	Mouth
Animal size	8 feet	14 feet	10 feet	12 feet	13 feet (4m)	12 feet	12 feet	8 feet
Hook size	Unknown - 15/0 or 16/0	Unknown - 14/0 or 15/0 or 18/0	Unknown - 14/0, 16/0, or 3.2 Japan tuna	15/0	15/0	15/0	15/0	18/0
Hook X-section	Flat	Unknown	Unknown	Flat	Round	Unknown - round (4.5) or flat (4.0)	Unknown - round (4.5) or flat (4.0)	Flat
Wire diameter	Unknown	Unknown	Unknown	4.3	4.3	Unknown - 4.0 or 4.5	Unknown - 4.0 or 4.5	4.5
Branchline diameter	2.1	1.6 (possible measurement error)	2.0	2.0	2.0	2.1	2.1	2
Captain present?	Unknown	No	Yes	Yes	Yes	No - notified after	Yes	Yes
Handling	Active tension	Active tension	No handling	Active tension	Active tension	Active tension	Tied off	Active tension
Hook outcome	Did not straighten	Did not straighten	Did not straighten	Straightened	Did not straighten	Did not straighten	Did not straighten	Did not straighten
Int outcome	Released (came free)	Line broke	Line broke	Released (straightened hook)	Line broke	Line broke	Line broke	Released (came free)
Int length	3-5 minutes	1-2 minutes	10-15 seconds	5 minutes	40 minutes	5 minutes	2.5 minutes	5 minutes

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ID	2014-5	2014-6	2014-7	2014-8	2014-9	2014-10	2014-11	2014-12	2015-1
Fishery	Deep	Deep	Deep	Deep	Deep	Deep	Deep	Deep	Deep
Date	19-Jun-14	21-Jun-14	11-Jul-14	11-Jul-14	14-Sep-14	29-Sep-14	30-Sep-14	2-Oct-14	30-Mar-15
Injury det	Serious*	CBD	Non-serious*	Serious*	Serious*	Serious*	Serious*	Serious*	Serious*
Hooked/ entangled	Hooked	Hooked	Hooked	Hooked	Hooked	Hooked	Hooked	Hooked	Hooked
Hook location	Mouth or ingested	Mouth	Mouth	Mouth	Mouth or ingested	Mouth or ingested	Mouth or ingested	Mouth or ingested	Head/mouth or ingested
Animal size	12 feet	12 feet	18 feet	15 feet	12 feet	13 feet (4m)	8 feet	10 feet	11 ft
Hook size	16/0	14/0	15/0	15/0	16/0	14/0	15/0	Unknown - 14/0 or 15/0	15/0
Hook X-section	Flat	Flat	Round	Round	Round	Flat	Round (4.3) or flat (4.4)	Round (14/0) or flat (15/0)	Unknown - flat (3.8) or round (4.0)
Wire diameter	4.4	4.2	4.3	4.3	4.4	4.3	Unknown - 4.3 or 4.4	4.3	Unknown - 3.8 or 4.0
Branchline diameter	2.0	2.1	Unknown (measurement error)	Unknown (measuremen t error)	2.0	2.1	2.2	1.9	2.0
Captain present?	No	Yes	No	Yes	Yes	No - notified after	Unknown	Yes	No - notified but not present before interaction ended
Handling	Active tension	Active tension	Active tension	Active tension	Active tension	Active tension	Active tension	Active tension	Active tension
Hook outcome	Did not straighten	Broke	Straightened	Did not straighten	Did not straighten	Did not straighten	Did not straighten	Did not straighten	Did not straighten
Int outcome	Line broke	Released (broken hook)	Released (straightened hook)	Line cut	Line cut	Line cut	Line cut	Line cut	Line broke
Int length	3-4 minutes	3 minutes	20 seconds	4-5 minutes	2-3 minutes	< 5 minutes	5-7 minutes	2 minutes	1 minute