

# Supporting Information for ”Laboratory Experiments on Internal Solitary Waves in Ice-Covered Waters”

Magda Carr<sup>1</sup>, Peter Sutherland<sup>2</sup>, Andrea Haase<sup>3</sup>, Karl-Ulrich Evers<sup>4</sup>, Ilker

Fer<sup>5</sup>, Atle Jensen<sup>6</sup>, Henrik Kalisch<sup>7</sup>, Jarle Berntsen<sup>7</sup>, Emilian Părău<sup>8</sup>,

Øyvind Thiem<sup>9</sup>, Peter A. Davies<sup>10</sup>

<sup>1</sup>School of Mathematics, Statistics & Physics, Newcastle University, Newcastle upon Tyne, NE1 7RU, UK.

<sup>2</sup>IFREMER, Univ. Brest, CNRS, IRD, Laboratoire d’Océanographie Physique et Spatiale (LOPS), IUEM, Brest, France.

<sup>3</sup>HSVA, Hamburgische Schiffbau-Versuchsanstalt GmbH, Bramfelder Straße 164, D-22305 Hamburg, Germany.

<sup>4</sup>solutions4arctic, Sommerpfad 2, D-22395 Hamburg, Germany.

<sup>5</sup>Geophysical Institute, University of Bergen, Postboks 7803, 5020 Bergen, Norway.

<sup>6</sup>University of Oslo, Postboks 1053, Blindern, 0316 Oslo, Norway.

<sup>7</sup>Department of Mathematics, University of Bergen, Postboks 7803, 5020 Bergen, Norway.

<sup>8</sup>School of Mathematics, University of East Anglia, Norwich, UK.

<sup>9</sup>Norwegian Public Roads Administration, Bergen, Norway.

<sup>10</sup>Department of Civil Engineering, University of Dundee, Dundee, DD1 4HN, UK.

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1. Table S1

## Introduction

A table of the experimental parameters is included as supplementary information.

**Table S1.** Experimental parameters. See main article for definition of variables.

Ice Type	$h_3$ (m)	$h_2$ (m)	$h_1$ (m)	$a$ (m)	$c$ (ms <sup>-1</sup> )	$c_f$ (ms <sup>-1</sup> )	$d_f$ (m)	$l_f$ (m)	$c_f/c$	$l_f/2\lambda$
Level	0.316	0.038	0.047	0.056	0.124	0.040	0.013	0.95	0.31	0.79
Level	0.323	0.042	0.055	0.102	0.142	0.063	0.013	0.95	0.44	0.55
Level	0.302	0.060	0.045	0.053	0.113	0.040	0.058	1.00	0.35	0.76
Level	0.314	0.059	0.053	0.113	0.138	0.063	0.058	1.00	0.45	0.54
Level	0.313	0.056	0.083	0.099	0.132	0.020	0.058	2.00	0.15	1.02
Grease	0.323	0.031	0.044	0.063	0.111	0.031	0.021	2.65	0.27	2.34
Grease	0.330	0.035	0.055	0.111	0.134	0.027	0.021	2.65	0.21	1.39
Nilas	0.321	0.035	0.044	0.048	0.116	0.000	0.006	2.69	0.00	2.01
Nilas	0.332	0.030	0.057	0.106	0.134	0.000	0.007	2.69	0.00	1.69