Supporting Information:

Ancient DNA reveals the Arctic origin of Viking Age cod from Haithabu, Germany

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Supplementary Figure Legends

Fig. S1. aDNA fragmentation and mis-incorporation patterns of sequencing read data from 15 Atlantic cod samples. Patterns were obtained using MapDamage v. 2.0.6 after down-sampling BAM files to 1,000,000 reads. For visualization purposes, we only show the typical increase in C->T mis-incorporations due to cytosine deamination at the 5′-end of DNA fragments and the corresponding increase of G->A mis-incorporations at the 3′-end.

Fig. S2. ADMIXTURE ancestry components for modern and ancient Atlantic cod specimens. Population structure was investigated using models with a variable number of clusters (k). Model fit was assessed by calculating the cross-validation (CV) error, with a lower CV error indicating a better fit. Linkage group (LG) 01, 02, 07, 12 and unplaced scaffolds were excluded from these analyses (see text for explanation).

Fig. S3. Principle component analysis of genomic inversions in Atlantic cod. Ancient specimens (*stars*) were projected onto the first two principle components calculated using individuals from modern populations (*circles*). The first principle component (PCA 1) separates genomic variation within each of the four mega-base long regions (LG01; 9.1 - 26.2 Mbp, LG02; 18.5 - 24 Mbp, LG07; 13.6 - 23 Mbp and LG12; 1.3 -13.6 Mbp) into distinct clusters (*grey dotted ovals*) that reflect the bi-allelic segregation of the three major inversion genotypes (AA; collinear, AB; heterozygote and BB; inverted). The number of SNPs (*n*) used per region is indicated. Mean heterozygosity values per genotype (*presented in grey under each genotype*; estimated by calculating the inbreeding coefficient F using a method of moments as implemented in VCFTOOLS v0.1.14) show the marked decrease in F-values for the AB genotypes due to heterozygote excess. Ancient samples follow the tri-modal cluster pattern of the modern individuals.

Supplementary Tables

Table S1. Specimen ID, location, estimated date and bone type of ancient Atlantic cod samples. All bones were morphologically identified as Atlantic cod (*Gadus morhua*). WGS shotgun libraries were paired-end sequenced, and we report the number of collapsed reads, their clonality, their endogenous DNA content (defined as the unique, non-repetitive fraction of reads aligning towards the gadmor2 reference genome with a minimum MapQ value of 25), the average insert length and the fold coverage obtained for the nuclear genome. Four other specimens (not shown) were extracted of which two did not yield libraries, and two had endogenous DNA content below 1%.

C	Country	T 4 ¹	Deta (CE)	Dana tama	Reads	Clonality	Endogenous	Average insert	Fold
Specimen	Country	Location	Date (CE)	Bone type	(millions)	(%)	DNA (%)	length (bp)	coverage
COD003	Germany	Schleswig	c.1100-1200	Vertebra	52	14	33	69	1.9
COD023	Germany	Schleswig	c.1200-1280	Articular	67	6	37	51	2.0
COD027	UK	Orkney	c.1000-1200	Premaxilla	59	9	42	75	2.9
COD028	UK	Orkney	c.1000-1200	Premaxilla	84	4	15	72	1.4
COD029	UK	Orkney	c.1000-1200	Premaxilla	58	5	33	71	2.1
COD030	UK	Orkney	c.1000-1200	Premaxilla	55	8	25	72	1.6
COD034	UK	Orkney	c.1000-1200	Premaxilla	49	23	27	72	1.5
COD053	Germany	Haithabu	c.800-1066	Cleithrum	83	8	28	47	1.7
COD054	Germany	Haithabu	c.800-1066	Cleithrum	58	8	37	67	2.3
COD061	Germany	Haithabu	c.800-1066	Vertebra	72	11	24	40	1.1
COD062	Germany	Haithabu	c.800-1066	Vertebra	76	8	25	46	1.4
COD063	Germany	Haithabu	c.800-1066	Articular	95	6	32	46	2.2
COD076	Norway	Bjørkum	c.700-950	Dentary	74	27	18	48	1.0
COD086	Norway	Oslo	c.1025-1175	Ceratohyal	59	12	46	78	3.4
COD092	Norway	Oslo	c.1025-1175	Cleithra	72	16	21	47	1.2

Table S2. Population, specimen ID and sample date of modern Atlantic cod specimens. We report if sampling took placed during spawning, the number of reads obtained and the resulting fold coverage for the nuclear genome.

Population Specimen ID Sample Date oppulation reads (millions) coverage Eastern Haltic ARK 4001 2012, May Yes 40 7.4 Eastern Haltic ARK 4003 2012, May Yes 34 6.3 Eastern Baltic ARK 4006 2012, May Yes 34 6.4 Eastern Baltic ARK 4007 2012, May Yes 34 6.4 Eastern Baltic ARK 4010 2012, May Yes 37 6.9 Eastern Baltic ARK 4012 2012, May Yes 37 6.9 Eastern Baltic ARK 4013 2012, May Yes 37 6.9 Eastern Baltic ARK 4014 2012, May Yes 34 6.1 Eastern Baltic ARK 4016 2012, May Yes 33 8.1 Eastern Baltic ARK 4010 2012, May Yes 34 6.4 Eastern Baltic ARK 4010 2012, May Yes 34 6.5 East				Spawning	Number of	Fold
Eastern Baltic ARK 4001 2012, May Yes 40 74 Eastern Baltic ARK 4002 2012, May Yes 38 6-9 Eastern Baltic ARK 4006 2012, May Yes 38 6-9 Eastern Baltic ARK 4007 2012, May Yes 34 6-4 Eastern Baltic ARK 4008 2012, May Yes 31 5-9 Eastern Baltic ARK 4011 2012, May Yes 31 5-9 Eastern Baltic ARK 4012 2012, May Yes 35 6-6 Eastern Baltic ARK 4014 2012, May Yes 34 6-1 Eastern Baltic ARK 4016 2012, May Yes 34 6-1 Eastern Baltic ARK 4017 2012, May Yes 35 6-6 Eastern Baltic ARK 4017 2012, May Yes 35 6-1 Eastern Baltic ARK 4017 2012, May Yes 37 6-9 Eastern Baltic <td< td=""><td>Population</td><td>Specimen ID</td><td>Sample Date</td><td>population</td><td>reads (millions)</td><td>coverage</td></td<>	Population	Specimen ID	Sample Date	population	reads (millions)	coverage
Eastern Baltic AKK_4003 2012, May Yes 20 3.8 Eastern Baltic AKK_4006 2012, May Yes 34 6.3 Eastern Baltic AKK_4007 2012, May Yes 34 6.4 Eastern Baltic AKK_4007 2012, May Yes 47 8.8 Eastern Baltic AKK_4010 2012, May Yes 49 9.1 Eastern Baltic AKK_4011 2012, May Yes 37 6.9 Eastern Baltic AKK_4012 2012, May Yes 37 6.9 Eastern Baltic AKK_4017 2012, May Yes 44 8.3 Eastern Baltic AKK_4016 2012, May Yes 47 8.8 Eastern Baltic AKK_4017 2012, May Yes 47 8.8 Eastern Baltic AKK_4018 2012, May Yes 47 8.8 Eastern Baltic AKK_4018 2012, May Yes 31 5.8 Eastern Baltic <td< td=""><td>Eastern Baltic</td><td>ARK 4001</td><td>2012, May</td><td>Yes</td><td>40</td><td>7.4</td></td<>	Eastern Baltic	ARK 4001	2012, May	Yes	40	7.4
Eastern Baltic ARK, 4005 2012, May Yes 34 6.3 Eastern Baltic ARK, 4007 2012, May Yes 34 6.4 Eastern Baltic ARK, 4001 2012, May Yes 31 5.9 Eastern Baltic ARK, 4010 2012, May Yes 35 6.6 Eastern Baltic ARK, 4012 2012, May Yes 34 6.1 Eastern Baltic ARK, 4013 2012, May Yes 34 6.1 Eastern Baltic ARK, 4016 2012, May Yes 34 6.1 Eastern Baltic ARK, 4016 2012, May Yes 33 6.1 Eastern Baltic ARK, 4018 2012, May Yes 37 10.6 Eastern Baltic ARK, 4020 2012, May Yes 33 6.1 Eastern Baltic ARK, 4020 2012, May Yes 31 5.8 Eastern Baltic ARK, 4030 2012, May Yes 31 5.8 Eastern Baltic <td>Eastern Baltic</td> <td>ARK_4002</td> <td>2012, May</td> <td>Yes</td> <td>20</td> <td>3.8</td>	Eastern Baltic	ARK_4002	2012, May	Yes	20	3.8
Eastern Baltic ARK. 4000 2012, May Yes 34 6.4 Eastern Baltic ARK. 4008 2012, May Yes 47 8.8 Eastern Baltic ARK. 4010 2012, May Yes 47 8.8 Eastern Baltic ARK. 4011 2012, May Yes 31 5.9 Eastern Baltic ARK. 4013 2012, May Yes 34 6.1 Eastern Baltic ARK. 4013 2012, May Yes 44 8.3 Eastern Baltic ARK. 4015 2012, May Yes 43 6.1 Eastern Baltic ARK. 4016 2012, May Yes 45 8.5 Eastern Baltic ARK. 4018 2012, May Yes 43 6.4 Eastern Baltic ARK. 4012 2012, May Yes 57 10.6 Eastern Baltic ARK. 4021 2012, May Yes 53 6.4 Eastern Baltic ARK. 4022 2012, May Yes 53 6.4 Eastern Baltic <td>Eastern Baltic</td> <td>ARK_4003</td> <td>2012, May</td> <td>Yes</td> <td>38</td> <td>6.9</td>	Eastern Baltic	ARK_4003	2012, May	Yes	38	6.9
Eastern Baltic ARK, 4007 2012, May Yes 34 6.4 Eastern Baltic ARK, 4010 2012, May Yes 31 5.9 Eastern Baltic ARK, 4011 2012, May Yes 35 6.6 Eastern Baltic ARK, 4013 2012, May Yes 37 6.9 Eastern Baltic ARK, 4014 2012, May Yes 34 6.1 Eastern Baltic ARK, 4016 2012, May Yes 34 6.1 Eastern Baltic ARK, 4016 2012, May Yes 33 6.1 Eastern Baltic ARK, 4018 2012, May Yes 37 10.6 Eastern Baltic ARK, 4019 2012, May Yes 31 5.8 Eastern Baltic ARK, 4021 2012, May Yes 31 5.8 Eastern Baltic ARK, 403 2012, May Yes 31 5.8 Eastern Baltic ARK, 403 2012, May Yes 31 5.8 Eastern Baltic	Eastern Baltic	ARK_4006	2012, May	Yes	34	6.3
Eastern Baltic ARK, 4010 2012, May Yes 47 8.8 Eastern Baltic ARK, 4011 2012, May Yes 49 9.1 Eastern Baltic ARK, 4013 2012, May Yes 37 6.6 Eastern Baltic ARK, 4013 2012, May Yes 34 6.1 Eastern Baltic ARK, 4015 2012, May Yes 44 8.3 Eastern Baltic ARK, 4015 2012, May Yes 45 8.5 Eastern Baltic ARK, 4017 2012, May Yes 47 8.8 Eastern Baltic ARK, 4019 2012, May Yes 57 10.6 Eastern Baltic ARK, 4021 2012, May Yes 54 6.4 Eastern Baltic ARK, 4022 2012, May Yes 51 6.5 Eastern Baltic ARK, 4032 2012, May Yes 63 11.9 Eastern Baltic ARK, 4033 2012, May Yes 64 8.3 Eastern Baltic <td>Eastern Baltic</td> <td>ARK_4007</td> <td>2012, May</td> <td>Yes</td> <td>34</td> <td>6.4</td>	Eastern Baltic	ARK_4007	2012, May	Yes	34	6.4
Eastern Baltic ARK, 4010 2012, May Yes 31 5.9 Eastern Baltic ARK, 4011 2012, May Yes 35 6.6 Eastern Baltic ARK, 4013 2012, May Yes 34 6.1 Eastern Baltic ARK, 4014 2012, May Yes 34 6.1 Eastern Baltic ARK, 4016 2012, May Yes 35 6.5 Eastern Baltic ARK, 4017 2012, May Yes 33 6.1 Eastern Baltic ARK, 4018 2012, May Yes 37 10.6 Eastern Baltic ARK, 4020 2012, May Yes 31 5.8 Eastern Baltic ARK, 4022 2012, May Yes 31 5.8 Eastern Baltic ARK, 4030 2012, May Yes 31 5.8 Eastern Baltic ARK, 4030 2012, May Yes 63 11.9 Eastern Baltic ARK, 4030 2012, May Yes 63 11.9 Eastern Baltic </td <td>Eastern Baltic</td> <td>ARK_4008</td> <td>2012, May</td> <td>Yes</td> <td>47</td> <td>8.8</td>	Eastern Baltic	ARK_4008	2012, May	Yes	47	8.8
Leskern BalticARK 40112012, MayYes499, 1Easkern BalticARK 40132012, MayYes376.9Easkern BalticARK 40132012, MayYes346.1Easkern BalticARK 40152012, MayYes448.3Easkern BalticARK 40172012, MayYes436.1Easkern BalticARK 40172012, MayYes458.5Easkern BalticARK 40192012, MayYes436.1Easkern BalticARK 40212012, MayYes336.1Easkern BalticARK 40212012, MayYes346.4Easkern BalticARK 40212012, MayYes346.5Easkern BalticARK 40222012, MayYes346.5Easkern BalticARK 40222012, MayYes9117.2Easkern BalticARK 40322012, MayYes681.1Easkern BalticARK 40322012, MayYes448.3Easkern BalticBAR, 9082011, AprilYes468.7Easkern BalticBAR, 9082011, AprilYes458.6Easkern BalticBOR, 90E2011, AprilYes458.6Easkern BalticBOR, 74E2012, MayYes458.6Easkern BalticBOR, 61E2012, MayYes438.2Easkern BalticBOR, 61E2012, MayYes448.	Eastern Baltic	ARK_4010	2012, May	Yes	31	5.9
Lastern BalticAKK 40122012, MayYes356.6Eastern BalticAKK 40142012, MayYes346.1Eastern BalticAKK 40162012, MayYes346.1Eastern BalticAKK 40162012, MayYes448.3Eastern BalticAKK 40162012, MayYes458.5Eastern BalticAKK 40182012, MayYes478.8Eastern BalticAKK 40202012, MayYes336.1Eastern BalticAKK 40212012, MayYes315.8Eastern BalticAKK 40222012, MayYes315.8Eastern BalticAKK 40222012, MayYes9117.2Eastern BalticAKK 40302012, MayYes6611.9Eastern BalticAKK 40302012, MayYes6812.8Eastern BalticAKK 40302012, MayYes6812.8Eastern BalticAKK 40302012, MayYes6812.8Eastern BalticBOR 90E2011, AprilYes448.3Eastern BalticBOR 90E2011, AprilYes458.5Eastern BalticBOR 74E2011, MayYes458.5Eastern BalticBOR 60E2012, AprilYes448.3Eastern BalticBOR 61E2012, MayYes458.5Eastern BalticBOR 61E2012, MayYes468.7 </td <td>Eastern Baltic</td> <td>ARK_4011</td> <td>2012, May</td> <td>Yes</td> <td>49</td> <td>9.1</td>	Eastern Baltic	ARK_4011	2012, May	Yes	49	9.1
Lastern BalticARK 40132012, MayYes346.1Eastern BalticARK 40152012, MayYes448.3Eastern BalticARK 40152012, MayYes458.5Eastern BalticARK 40172012, MayYes458.5Eastern BalticARK 40192012, MayYes478.8Eastern BalticARK 40212012, MayYes234.1Eastern BalticARK 40212012, MayYes346.4Eastern BalticARK 40212012, MayYes346.6Eastern BalticARK 40222012, MayYes346.5Eastern BalticARK 40232012, MayYes346.5Eastern BalticARK 40302012, MayYes6.611.9Eastern BalticARK 40322012, MayYes6.61.1Peastern BalticARK 40322012, MayYes448.3Eastern BalticARK 40332012, MayYes448.3Eastern BalticBOR 90E2011, AprilYes458.6Eastern BalticBOR 91E2011, AprilYes458.6Eastern BalticBOR 61E2012, AprilYes448.3Eastern BalticBOR 61E2012, AprilYes458.6Eastern BalticBOR 61E2012, MayYes458.5Eastern BalticBOR 61E2012, MayYes417.8<	Eastern Baltic	ARK_4012	2012, May	Y es	35	6.6
Lastern BalticARK_90142012, May1 fes340.1Eastern BalticARK_90162012, MayYes295.1Eastern BalticARK_90162012, MayYes438.5Eastern BalticARK_90182012, MayYes478.8Eastern BalticARK_90192012, MayYes478.8Eastern BalticARK_90202012, MayYes5710.6Eastern BalticARK_90222012, MayYes315.8Eastern BalticARK_90222012, MayYes315.8Eastern BalticARK_90222012, MayYes9117.2Eastern BalticARK_90302012, MayYes6612.3Eastern BalticARK_90392012, MayYes6812.3Eastern BalticARK_90392012, MayYes6812.3Eastern BalticBOR 90E2011, AprilYes448.3Eastern BalticBOR 90E2011, AprilYes458.5Eastern BalticBOR 79E2011, AprilYes458.5Eastern BalticBOR 79E2012, AprilYes458.5Eastern BalticBOR 60E2012, AprilYes458.5Eastern BalticBOR 61E2012, MayYes448.3Eastern BalticBOR 61E2012, MayYes417.8Eastern BalticBOR 61E2012, MayYes417	Eastern Baltic	ARK_4013	2012, May 2012, May	Y es	37	6.9
Lastern BalticARK_40162012, MayYes4051Eastern BalticARK_40172012, MayYes458.5Eastern BalticARK_40182012, MayYes436.1Eastern BalticARK_40192012, MayYes478.8Eastern BalticARK_40212012, MayYes478.8Eastern BalticARK_40212012, MayYes346.4Eastern BalticARK_40242012, MayYes346.5Eastern BalticARK_40322012, MayYes346.5Eastern BalticARK_40322012, MayYes6611.1PEastern BalticARK_40322012, MayYes6311.9Eastern BalticARK_40332012, MayYes6812.8Eastern BalticBOR 90E2011, AprilYes448.3Eastern BalticBOR 90E2011, AprilYes458.6Eastern BalticBOR 60E2012, MayYes458.6Eastern BalticBOR 60E2012, MayYes458.5Eastern BalticBOR 611E2012, MayYes458.5Eastern BalticBOR 611E2012, MayYes458.5Eastern BalticBOR 611E2012, MayYes458.5Eastern BalticBOR 612E2012, MayYes458.5Eastern BalticBOR 617E2012, MayYes41 <t< td=""><td>Eastern Baltie</td><td>ARK_4014</td><td>2012, May 2012 May</td><td>Yes</td><td>54</td><td>0.1</td></t<>	Eastern Baltie	ARK_4014	2012, May 2012 May	Yes	54	0.1
Linker BalticARK_40172012, MayYes438.5Eastern BalticARK_40182012, MayYes336.1Eastern BalticARK_40192012, MayYes336.1Eastern BalticARK_40202012, MayYes234.1Eastern BalticARK_40212012, MayYes234.1Eastern BalticARK_40222012, MayYes346.4Eastern BalticARK_40222012, MayYes315.8Eastern BalticARK_40302012, MayYes9117.2Eastern BalticARK_40392012, MayYes66812.8Eastern BalticBOR_90E2011, AprilYes448.3Eastern BalticBOR_90E2011, AprilYes458.6Eastern BalticBOR_74E2011, MayYes458.6Eastern BalticBOR_74E2011, MayYes458.6Eastern BalticBOR_611E2012, MayYes458.5Eastern BalticBOR_611E2012, MayYes458.5Eastern BalticBOR_611E2012, MayYes438.2Eastern BalticBOR_612E2012, MayYes458.5Eastern BalticBOR_612E2012, MayYes458.5Eastern BalticBOR_612E2012, MayYes417.8Eastern BalticBOR_612E2012, MayYes417.8	Eastern Baltic	ARK_4015	2012, May 2012 May	Ves	20	0.3 5 1
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Eastern BalticARK_40192012, MayYes478.8Eastern BalticARK_40202012, MayYes234.1Eastern BalticARK_40212012, MayYes5710.6Eastern BalticARK_40222012, MayYes315.8Eastern BalticARK_40302012, MayYes315.8Eastern BalticARK_40302012, MayYes9117.2Eastern BalticARK_40392012, MayYes66812.8Eastern BalticARK_40432012, MayYes66812.8Eastern BalticBOR_90E2011, AprilYes448.3Eastern BalticBOR_90E2011, AprilYes479.0Eastern BalticBOR_91E2011, AprilYes458.6Eastern BalticBOR_74E2011, MayYes458.6Eastern BalticBOR_611E2012, MayYes458.5Eastern BalticBOR_611E2012, MayYes438.2Eastern BalticBOR_611E2012, MayYes438.2Eastern BalticBOR_612E2012, MayYes417.8Eastern BalticBOR_617E2012, MayYes417.8Eastern BalticBOR_617E2012, MayYes417.8Eastern BalticBOR_621E2012, MayYes417.8Eastern BalticBOR_617E2012, MayYes417.	Eastern Baltic	ARK 4018	2012, May 2012 May	Yes	33	6.1
Eastern Baltic $ARE 4020$ 2012 , MayYes 23 4.1 Eastern Baltic $ARK 4021$ 2012 , MayYes 57 10.6 Eastern Baltic $ARK 4024$ 2012 , MayYes 34 6.4 Eastern Baltic $ARK 4024$ 2012 , MayYes 34 6.5 Eastern Baltic $ARK 4032$ 2012 , MayYes 94 7.2 Eastern Baltic $ARK 4032$ 2012 , MayYes 63 11.9 Eastern Baltic $ARK 4032$ 2012 , MayYes 63 11.9 Eastern Baltic $BOR, 91E$ $2011, AprilYes448.3Eastern BalticBOR, 91E2011, AprilYes448.3Eastern BalticBOR, 79E2011, MayYes458.6Eastern BalticBOR, 60E2011, AprilYes458.5Eastern BalticBOR, 613E2012, MayYes458.5Eastern BalticBOR, 614E2012, MayYes427.9Eastern BalticBOR, 615E2012, MayYes417.8Eastern BalticBOR, 615E2012, MayYes417.8Eastern BalticBOR, 615E2012, MayYes417.8Eastern BalticBOR, 621E2012, MayYes417.8Eastern BalticBOR, 630E2012, MayYes417.8Eastern BalticBOR, 64E$	Eastern Baltic	ARK 4019	2012, May	Yes	47	8.8
Eastern Baltic ARK_{4} (40212012, MayYes5710.6Eastern Baltic ARK_{4} (40222012, MayYes346.4Eastern Baltic ARK_{4} (40302012, MayYes315.8Eastern Baltic ARK_{4} (40302012, MayYes9117.2Eastern Baltic ARK_{4} (40332012, MayYes6311.9Eastern Baltic ARK_{4} (40332012, MayYes6612.8Eastern Baltic BOR_{9} (902011, AprilYes448.3Eastern BalticBOR, 91E2011, AprilYes458.6Eastern BalticBOR, 74E2011, MayYes458.6Eastern BalticBOR, 74E2011, MayYes468.7Eastern BalticBOR, 611E2012, AprilYes438.2Eastern BalticBOR, 614E2012, MayYes438.2Eastern BalticBOR, 614E2012, MayYes417.8Eastern BalticBOR, 617E2012, MayYes417.8Eastern BalticBOR, 621E2012, MayYes417.8Eastern BalticBOR, 630E2012, MayYes428.0Eastern BalticBOR, 630E2012, MayYes5911.1Eastern BalticBOR, 630E2012, MayYes438.2Eastern BalticBOR, 647E2012, MayYes5911.1Eastern Baltic	Eastern Baltic	ARK 4020	2012, May	Yes	23	4.1
Eastern BalticARK_40222012, MayYes346.4Eastern BalticARK,40302012, MayYes315.8Eastern BalticARK_40302012, MayYes346.5Eastern BalticARK_40322012, MayYes6311.9Eastern BalticARK_40322012, MayYes6311.9Eastern BalticBOR,9022011, AprilYes6612.8Eastern BalticBOR,91E2011, AprilYes448.3Eastern BalticBOR,74E2011, MayYes458.6Eastern BalticBOR,79E2011, MayYes458.6Eastern BalticBOR,611E2012, MayYes458.5Eastern BalticBOR,611E2012, MayYes438.2Eastern BalticBOR,611E2012, MayYes427.9Eastern BalticBOR,615E2012, MayYes417.8Eastern BalticBOR,615E2012, MayYes417.8Eastern BalticBOR,615E2012, MayYes417.8Eastern BalticBOR,621E2012, MayYes428.1Eastern BalticBOR,630E2012, MayYes438.4Eastern BalticBOR,630E2012, MayYes5911.1Eastern BalticBOR,6422012, MayYes448.4Eastern BalticBOR,74792012, MayYes448.4 <td>Eastern Baltic</td> <td>ARK 4021</td> <td>2012, May</td> <td>Yes</td> <td>57</td> <td>10.6</td>	Eastern Baltic	ARK 4021	2012, May	Yes	57	10.6
Eastern BalticARK 40242012, MayYes315.8Eastern BalticARK 40322012, MayYes346.5Eastern BalticARK 40322012, MayYes6311.9Eastern BalticARK 40322012, MayYes6812.8Eastern BalticBOR 90E2011, AprilYes448.3Eastern BalticBOR 90E2011, AprilYes458.6Eastern BalticBOR 74E2011, MayYes458.6Eastern BalticBOR 74E2011, MayYes458.6Eastern BalticBOR 60E2012, AprilYes458.5Eastern BalticBOR 60E2012, AprilYes458.5Eastern BalticBOR 61E2012, MayYes438.2Eastern BalticBOR 61E2012, MayYes417.8Eastern BalticBOR 617E2012, MayYes417.8Eastern BalticBOR 624E2012, MayYes428.0Eastern BalticBOR 624E2012, MayYes428.1Eastern BalticBOR 650E2012, MayYes433.5Eastern BalticBOR 650E2012, MayYes448.4Eastern BalticBOR 650E2012, MayYes5710.8Eastern BalticBOR 642E2012, MayYes461.1Eastern BalticBOR 7476E2012, MayYes461.1 <td>Eastern Baltic</td> <td>ARK_4022</td> <td>2012, May</td> <td>Yes</td> <td>34</td> <td>6.4</td>	Eastern Baltic	ARK_4022	2012, May	Yes	34	6.4
Eastern BalticARK 40302012, MayYes346.5Eastern BalticARK 40392012, MayYes6311.9Eastern BalticARK 40432012, MayYes6311.9Eastern BalticBOR 90E2011, AprilYes448.3Eastern BalticBOR 91E2011, AprilYes448.3Eastern BalticBOR 79E2011, MayYes458.6Eastern BalticBOR 79E2011, MayYes458.6Eastern BalticBOR 60E2012, AprilYes468.7Eastern BalticBOR 61E2012, MayYes438.2Eastern BalticBOR 61E2012, MayYes438.2Eastern BalticBOR 61E2012, MayYes417.8Eastern BalticBOR 61E2012, MayYes417.8Eastern BalticBOR 61E2012, MayYes417.8Eastern BalticBOR 621E2012, MayYes428.1Eastern BalticBOR 624E2012, MayYes428.1Eastern BalticBOR 655E2012, MayYes5911.1Eastern BalticBOR 664E2012, MayYes5911.1Eastern BalticBOR 664E2012, MayYes5911.1Eastern BalticBOR 739E2012, MayYes5911.1Eastern BalticBOR 747122012, MayYes5911.1 <td>Eastern Baltic</td> <td>ARK_4024</td> <td>2012, May</td> <td>Yes</td> <td>31</td> <td>5.8</td>	Eastern Baltic	ARK_4024	2012, May	Yes	31	5.8
Eastern BalticARK, 40322012, MayYes9117.2Eastern BalticARK, 40432012, MayYes6311.9Eastern BalticBOR, 90E2011, AprilYes6812.8Eastern BalticBOR, 90E2011, AprilYes448.3Eastern BalticBOR, 74E2011, MayYes458.6Eastern BalticBOR, 74E2011, MayYes458.6Eastern BalticBOR, 60E2012, AprilYes458.5Eastern BalticBOR, 61E2012, MayYes438.2Eastern BalticBOR, 61E2012, MayYes438.2Eastern BalticBOR, 614E2012, MayYes417.8Eastern BalticBOR, 617E2012, MayYes417.8Eastern BalticBOR, 621E2012, MayYes417.8Eastern BalticBOR, 621E2012, MayYes407.5Eastern BalticBOR, 630E2012, MayYes407.5Eastern BalticBOR, 659E2012, MayYes5911.1Eastern BalticBOR, 664E2012, MayYes5911.2Eastern BalticBOR, 739E2012, MayYes5911.2Eastern BalticBOR, 74732012, MayYes5911.2Eastern BalticBOR, 74732012, MayYes448.4Eastern BalticBOR, 74732012, MayYes <td>Eastern Baltic</td> <td>ARK_4030</td> <td>2012, May</td> <td>Yes</td> <td>34</td> <td>6.5</td>	Eastern Baltic	ARK_4030	2012, May	Yes	34	6.5
Eastern BalticARK, 40392012, MayYes6311.9Eastern BalticBOR_90E2011, AprilYes6312.8Eastern BalticBOR_91E2011, AprilYes448.3Eastern BalticBOR_71E2011, MayYes458.6Eastern BalticBOR_79E2011, MayYes509.6Eastern BalticBOR_79E2012, MayYes458.6Eastern BalticBOR_611E2012, MayYes438.2Eastern BalticBOR_611E2012, MayYes427.9Eastern BalticBOR_615E2012, MayYes427.9Eastern BalticBOR_615E2012, MayYes417.8Eastern BalticBOR_615E2012, MayYes417.8Eastern BalticBOR_615E2012, MayYes407.5Eastern BalticBOR_630E2012, MayYes7313.8Eastern BalticBOR_630E2012, MayYes5911.1Eastern BalticBOR_64E2012, MayYes5911.1Eastern BalticBOR_739E2012, MayYes5911.2Eastern BalticBOR_749E2012, MayYes5911.1Eastern BalticBOR_749E2012, MayYes5911.2Eastern BalticBOR_749E2012, MayYes448.4Eastern BalticBOR_749E2012, MayYes499.3	Eastern Baltic	ARK_4032	2012, May	Yes	91	17.2
Eastern BalticARK 40432012, MayYes6812.8Eastern BalticBOR, 91E2011, AprilYes448.3Eastern BalticBOR, 74E2011, MayYes458.6Eastern BalticBOR, 79E2011, MayYes509.6Eastern BalticBOR, 60E2012, AprilYes458.5Eastern BalticBOR, 611E2012, MayYes438.2Eastern BalticBOR, 614E2012, MayYes427.9Eastern BalticBOR, 615E2012, MayYes428.0Eastern BalticBOR, 615E2012, MayYes417.8Eastern BalticBOR, 615E2012, MayYes417.8Eastern BalticBOR, 624E2012, MayYes417.8Eastern BalticBOR, 624E2012, MayYes407.5Eastern BalticBOR, 635E2012, MayYes7313.8Eastern BalticBOR, 659E2012, MayYes5911.1Eastern BalticBOR, 705E2012, MayYes5911.1Eastern BalticBOR, 717132012, MayYes5911.2Eastern BalticBOR, 717132012, MayYes5911.2Eastern BalticBOR, 71722012, MayYes468.7Eastern BalticBOR, 71742012, MayYes499.3Eastern BalticBOR, AL7742012, MayYes </td <td>Eastern Baltic</td> <td>ARK_4039</td> <td>2012, May</td> <td>Yes</td> <td>63</td> <td>11.9</td>	Eastern Baltic	ARK_4039	2012, May	Yes	63	11.9
Eastern BalticBOR, 90E2011, AprilYes448.3Eastern BalticBOR, 74E2011, MayYes458.6Eastern BalticBOR, 74E2011, MayYes458.6Eastern BalticBOR, 60E2012, AprilYes468.7Eastern BalticBOR, 611E2012, MayYes458.5Eastern BalticBOR, 611E2012, MayYes427.9Eastern BalticBOR, 617E2012, MayYes417.8Eastern BalticBOR, 617E2012, MayYes417.8Eastern BalticBOR, 621E2012, MayYes417.8Eastern BalticBOR, 621E2012, MayYes407.5Eastern BalticBOR, 655E2012, MayYes407.5Eastern BalticBOR, 655E2012, MayYes5911.1Eastern BalticBOR, 664E2012, MayYes5911.1Eastern BalticBOR, 664E2012, MayYes5911.1Eastern BalticBOR, 749E2012, MayYes5911.1Eastern BalticBOR, 749E2012, MayYes5911.1Eastern BalticBOR, 749E2012, MayYes5911.1Eastern BalticBOR, 7479E2012, MayYes5911.2Eastern BalticBOR, 74722012, MayYes448.4Eastern BalticBOR, 74742012, MayYes </td <td>Eastern Baltic</td> <td>ARK_4043</td> <td>2012, May</td> <td>Yes</td> <td>68</td> <td>12.8</td>	Eastern Baltic	ARK_4043	2012, May	Yes	68	12.8
Lastern BalticBOR $, 91E$ 2011, MayYes479.0Eastern BalticBOR $, 79E$ 2011, MayYes458.6Eastern BalticBOR $, 60E$ 2012, AprilYes458.7Eastern BalticBOR $, 611E$ 2012, MayYes458.5Eastern BalticBOR $, 613E$ 2012, MayYes438.2Eastern BalticBOR $, 614E$ 2012, MayYes427.9Eastern BalticBOR $, 615E$ 2012, MayYes417.8Eastern BalticBOR $, 624E$ 2012, MayYes417.8Eastern BalticBOR $, 624E$ 2012, MayYes417.8Eastern BalticBOR $, 624E$ 2012, MayYes428.1Eastern BalticBOR $, 625E$ 2012, MayYes407.5Eastern BalticBOR $, 655E$ 2012, MayYes5911.1Eastern BalticBOR $, 664E$ 2012, MayYes5911.1Eastern BalticBOR $, 749E$ 2012, MayYes5911.2Eastern BalticBOR $, 749E$ 2012, MayYes448.4Eastern BalticBOR $, 749E$ 2012, MayYes461.1Eastern BalticBOR $, 749E$ 2012, MayYes461.1Eastern BalticBOR $, AL773$ 2012, MayYes448.4Eastern BalticBOR $, AL774$ 2012, MayYes468.7Eastern Bal	Eastern Baltic	BOR_90E	2011, April	Yes	44	8.3
Lastern BalticBOR_74E2011, MayYes458.6Eastern BalticBOR_60E2012, AprilYes468.7Lastern BalticBOR_611E2012, MayYes438.2Eastern BalticBOR_613E2012, MayYes438.2Eastern BalticBOR_614E2012, MayYes438.2Eastern BalticBOR_617E2012, MayYes428.0Eastern BalticBOR_617E2012, MayYes417.8Eastern BalticBOR_621E2012, MayYes428.1Eastern BalticBOR_630E2012, MayYes407.5Eastern BalticBOR_630E2012, MayYes5911.1Eastern BalticBOR_65E2012, MayYes5911.1Eastern BalticBOR_65E2012, MayYes5911.1Eastern BalticBOR_664E2012, MayYes5911.1Eastern BalticBOR_6739E2012, MayYes5911.2Eastern BalticBOR_739E2012, MayYes448.4Eastern BalticBOR_AL7132012, MayYes461.1Eastern BalticBOR_AL7242012, MayYes468.7Eastern BalticBOR_AL7762012, MayYes468.4Eastern BalticBOR_AL7772012, MayYes448.4Eastern BalticBOR_AL7762012, MayYes468	Eastern Baltic	BOR_91E	2011, April	Yes	47	9.0
Eastern BalticBOR_060E2011, MayYes509.6Eastern BalticBOR_061E2012, MayYes458.5Eastern BalticBOR_613E2012, MayYes438.2Eastern BalticBOR_614E2012, MayYes427.9Eastern BalticBOR_617E2012, MayYes428.0Eastern BalticBOR_617E2012, MayYes417.8Eastern BalticBOR_621E2012, MayYes417.8Eastern BalticBOR_621E2012, MayYes407.5Eastern BalticBOR_630E2012, MayYes407.5Eastern BalticBOR_655E2012, MayYes5911.1Eastern BalticBOR_659E2012, MayYes5911.1Eastern BalticBOR_64E2012, MayYes5911.1Eastern BalticBOR_739E2012, MayYes5911.2Eastern BalticBOR_74D22012, MayYes5911.2Eastern BalticBOR_740E2012, MayYes5911.2Eastern BalticBOR_740E2012, MayYes448.4Eastern BalticBOR_740E2012, MayYes468.7Eastern BalticBOR_AL77242012, MayYes448.4Eastern BalticBOR_AL7772012, MayYes448.4Eastern BalticBOR_AL7772012, MayYes438	Eastern Baltic	BOR_/4E	2011, May	Yes	45	8.6
Eastern BalticBOR_00E 2012 , AprilYes458.7Eastern BalticBOR_611E 2012 , MayYes438.2Eastern BalticBOR_614E 2012 , MayYes427.9Eastern BalticBOR_615E 2012 , MayYes428.0Eastern BalticBOR_617E 2012 , MayYes417.8Eastern BalticBOR_621E 2012 , MayYes417.8Eastern BalticBOR_630E 2012 , MayYes428.1Eastern BalticBOR_630E 2012 , MayYes407.5Eastern BalticBOR_65E 2012 , MayYes7313.8Eastern BalticBOR_65E 2012 , MayYes7313.8Eastern BalticBOR_664E 2012 , MayYes448.4Eastern BalticBOR_739E 2012 , MayYes448.4Eastern BalticBOR_749E 2012 , MayYes5911.2Eastern BalticBOR_749E 2012 , MayYes448.4Eastern BalticBOR_70E 2012 , MayYes448.4Eastern BalticBOR_AL714 2012 , MayYes438.3IcelandISO_02 2012 , MayYes448.4Eastern BalticBOR_AL774 2012 , MayYes448.4Eastern BalticBOR_AL774 2012 , MayYes448.4Eastern BalticBOR_AL771 2012 , May<	Eastern Baltic	BOR_/9E	2011, May	Y es	50	9.6
Lastern BalticBOR_011E2012, MayYes438.2Eastern BalticBOR_613E2012, MayYes427.9Eastern BalticBOR_617E2012, MayYes428.0Eastern BalticBOR_617E2012, MayYes417.8Eastern BalticBOR_621E2012, MayYes417.8Eastern BalticBOR_624E2012, MayYes407.5Eastern BalticBOR_650E2012, MayYes407.5Eastern BalticBOR_650E2012, MayYes5911.1Eastern BalticBOR_659E2012, MayYes5911.1Eastern BalticBOR_664E2012, MayYes5710.8Eastern BalticBOR_749E2012, MayYes5710.8Eastern BalticBOR_749E2012, MayYes5911.2Eastern BalticBOR_740E2012, MayYes448.4Eastern BalticBOR_740E2012, MayYes499.3Eastern BalticBOR_AL7242012, MayYes448.4Eastern BalticBOR_AL7362012, MayYes438.3Iceland150_022003, AprilYes438.3Iceland150_032003, AprilYes448.4Eastern BalticBOR_AL7362003, AprilYes448.4Eastern BalticBOR_AL7362003, AprilYes438.3 <td>Eastern Baltic</td> <td>BOR_60E</td> <td>2012, April 2012, May</td> <td>Yes</td> <td>46</td> <td>8./ 8.5</td>	Eastern Baltic	BOR_60E	2012, April 2012, May	Yes	46	8./ 8.5
Lastern BalticBOR_014E2012, MayYes427.9Eastern BalticBOR_015E2012, MayYes417.8Eastern BalticBOR_021E2012, MayYes417.8Eastern BalticBOR_021E2012, MayYes417.8Eastern BalticBOR_021E2012, MayYes407.5Eastern BalticBOR_052E2012, MayYes407.5Eastern BalticBOR_055E2012, MayYes5911.1Eastern BalticBOR_055E2012, MayYes6612.5Eastern BalticBOR_064E2012, MayYes6612.5Eastern BalticBOR_AL7132012, MayYes5911.2Eastern BalticBOR_739E2012, MayYes5911.2Eastern BalticBOR_749E2012, MayYes61.1Eastern BalticBOR_AL7242012, MayYes448.4Eastern BalticBOR_AL7362012, MayYes499.3Eastern BalticBOR_AL7772012, MayYes438.3IcelandI50_022003, AprilYes448.4Eastern BalticBOR_AL7772012, MayYes439.7IcelandI50_052003, AprilYes439.7IcelandI50_062003, AprilYes449.8IcelandI50_062003, AprilYes449.8Iceland<	Eastern Baltic	BOR 613E	2012, May 2012 May	Ves	43	8.2
Lastern BalticBOR_015E2012, MayYes4280Eastern BalticBOR_017E2012, MayYes417.8Eastern BalticBOR_021E2012, MayYes417.8Eastern BalticBOR_630E2012, MayYes428.1Eastern BalticBOR_630E2012, MayYes407.5Eastern BalticBOR_655E2012, MayYes7313.8Eastern BalticBOR_655E2012, MayYes5911.1Eastern BalticBOR_664E2012, MayYes5911.1Eastern BalticBOR_739E2012, MayYes5710.8Eastern BalticBOR_739E2012, MayYes5911.2Eastern BalticBOR_749E2012, MayYes61.1Eastern BalticBOR_AL7242012, MayYes61.1Eastern BalticBOR_AL7242012, MayYes448.4Eastern BalticBOR_AL7772012, MayYes438.3LeclandI50_022003, AprilYes438.3LeclandI50_052003, AprilYes449.8LeclandI50_062003, AprilYes4610.3LeclandI50_072003, AprilYes4610.3LeclandI50_082003, AprilYes439.6LeclandI50_082003, AprilYes439.6LeclandI50_10 </td <td>Eastern Baltic</td> <td>BOR 614E</td> <td>2012, May 2012 May</td> <td>Yes</td> <td>43</td> <td>8.2 7 9</td>	Eastern Baltic	BOR 614E	2012, May 2012 May	Yes	43	8.2 7 9
Lastern BalticBOR_617E2012, MayYes417.8Eastern BalticBOR_621E2012, MayYes417.8Eastern BalticBOR_63E2012, MayYes407.5Eastern BalticBOR_635E2012, MayYes407.5Eastern BalticBOR_655E2012, MayYes5911.1Eastern BalticBOR_664E2012, MayYes5911.1Eastern BalticBOR_664E2012, MayYes5911.1Eastern BalticBOR_7139E2012, MayYes5710.8Eastern BalticBOR_749E2012, MayYes5911.2Eastern BalticBOR_740E2012, MayYes661.1Eastern BalticBOR_740E2012, MayYes499.3Eastern BalticBOR_AL7242012, MayYes448.4Eastern BalticBOR_AL77772012, MayYes438.3Iceland150_022003, AprilYes439.7Iceland150_042003, AprilYes449.8Iceland150_052003, AprilYes449.8Iceland150_072003, AprilYes459.4Iceland150_082003, AprilYes429.4Iceland150_082003, AprilYes439.6Iceland150_012003, AprilYes439.6Iceland150_10 <td< td=""><td>Eastern Baltic</td><td>BOR $615E$</td><td>2012, May 2012 May</td><td>Yes</td><td>42</td><td>8.0</td></td<>	Eastern Baltic	BOR $615E$	2012, May 2012 May	Yes	42	8.0
Eastern BalticBOR_621E2012, MayYes417.8Eastern BalticBOR_624E2012, MayYes428.1Eastern BalticBOR_630E2012, MayYes407.5Eastern BalticBOR_655E2012, MayYes7313.8Eastern BalticBOR_665E2012, MayYes5911.1Eastern BalticBOR_664E2012, MayYes6612.5Eastern BalticBOR_739E2012, MayYes5710.8Eastern BalticBOR_749E2012, MayYes61.1Eastern BalticBOR_749E2012, MayYes61.1Eastern BalticBOR_749E2012, MayYes499.3Eastern BalticBOR_AL7242012, MayYes499.3Eastern BalticBOR_AL7242012, MayYes468.7Eastern BalticBOR_AL7412012, MayYes438.3IcelandI50_022003, AprilYes438.3IcelandI50_042003, AprilYes4610.3IcelandI50_052003, AprilYes4610.3IcelandI50_072003, AprilYes439.6IcelandI50_082003, AprilYes5011.1IcelandI50_102003, AprilYes5011.1IcelandI50_122003, AprilYes439.6IcelandI50_10 <t< td=""><td>Eastern Baltic</td><td>BOR_617E</td><td>2012, May 2012, May</td><td>Yes</td><td>41</td><td>7.8</td></t<>	Eastern Baltic	BOR_617E	2012, May 2012, May	Yes	41	7.8
Eastern Baltic $BOR_{-}624E$ 2012 , May Yes 42 8.1 Eastern Baltic $BOR_{-}630E$ 2012 , May Yes 40 7.5 Eastern Baltic $BOR_{-}655E$ 2012 , May Yes 73 13.8 Eastern Baltic $BOR_{-}659E$ 2012 , May Yes 59 11.1 Eastern Baltic $BOR_{-}664E$ 2012 , May Yes 66 12.5 Eastern Baltic $BOR_{-}739E$ 2012 , May Yes 44 8.4 Eastern Baltic $BOR_{-}739E$ 2012 , May Yes 57 10.8 Eastern Baltic $BOR_{-}749E$ 2012 , May Yes 6 1.1 Eastern Baltic $BOR_{-}749E$ 2012 , May Yes 6 1.1 Eastern Baltic $BOR_{-}AL736$ 2012 , May Yes 44 8.4 Eastern Baltic $BOR_{-}AL736$ 2012 , May Yes 44 8.4 Eastern Baltic $BOR_{-}AL736$ 2012 , May Yes 44 8.4 Eastern Baltic $BOR_{-}AL736$ 2012 , May Yes 43 8.3 IcelandI50_02 2003 , $April$ Yes 43 8.3 IcelandI50_04 2003 , $April$ Yes 46 10.3 IcelandI50_07 2003 , $April$ Yes 35 7.7 IcelandI50_07 2003 , $April$ Yes 50 11.1 IcelandI50_08 2003 , $April$ Yes 50 11.1 Iceland <td>Eastern Baltic</td> <td>BOR 621E</td> <td>2012, May</td> <td>Yes</td> <td>41</td> <td>7.8</td>	Eastern Baltic	BOR 621E	2012, May	Yes	41	7.8
Eastern BalticBOR_630E2012, MayYes407.5Eastern BalticBOR_655E2012, MayYes7313.8Eastern BalticBOR_659E2012, MayYes5911.1Eastern BalticBOR_664E2012, MayYes6612.5Eastern BalticBOR_7AL7132012, MayYes5710.8Eastern BalticBOR_749E2012, MayYes5911.2Eastern BalticBOR_749E2012, MayYes61.1Eastern BalticBOR_7474E2012, MayYes61.1Eastern BalticBOR_7474E2012, MayYes448.4Eastern BalticBOR_AL7242012, MayYes468.7Eastern BalticBOR_AL7362012, MayYes468.7Eastern BalticBOR_AL7772012, MayYes438.3IcelandI50_022003, AprilYes439.7IcelandI50_052003, AprilYes4610.3IcelandI50_062003, AprilYes357.7IcelandI50_072003, AprilYes439.6IcelandI50_092003, AprilYes439.6IcelandI50_092003, AprilYes5011.1IcelandI50_012003, AprilYes439.6IcelandI50_102003, AprilYes439.6IcelandI50_1120	Eastern Baltic	BOR 624E	2012, May	Yes	42	8.1
Eastern BalticBOR_655E2012, MayYes7313.8Eastern BalticBOR_659E2012, MayYes5911.1Eastern BalticBOR_664E2012, MayYes6612.5Eastern BalticBOR_AL7132012, MayYes448.4Eastern BalticBOR_739E2012, MayYes5710.8Eastern BalticBOR_740E2012, MayYes61.1Eastern BalticBOR_AL7242012, MayYes61.1Eastern BalticBOR_AL7242012, MayYes448.4Eastern BalticBOR_AL7362012, MayYes448.4Eastern BalticBOR_AL7362012, MayYes448.4Eastern BalticBOR_AL7772012, MayYes438.3IcelandI50_022003, AprilYes438.3IcelandI50_022003, AprilYes449.8IcelandI50_062003, AprilYes449.8IcelandI50_072003, AprilYes429.4IcelandI50_082003, AprilYes357.7IcelandI50_102003, AprilYes439.6IcelandI50_102003, AprilYes439.6IcelandI50_112003, AprilYes439.6IcelandI50_122003, AprilYes439.6IcelandI50_142003, April </td <td>Eastern Baltic</td> <td>BOR 630E</td> <td>2012, May</td> <td>Yes</td> <td>40</td> <td>7.5</td>	Eastern Baltic	BOR 630E	2012, May	Yes	40	7.5
Eastern BalticBOR_659E2012, MayYes5911.1Eastern BalticBOR_664E2012, MayYes6612.5Eastern BalticBOR_AL7132012, MayYes5710.8Eastern BalticBOR_749E2012, MayYes5911.2Eastern BalticBOR_749E2012, MayYes61.1Eastern BalticBOR_AL7242012, MayYes61.1Eastern BalticBOR_AL7262012, MayYes499.3Eastern BalticBOR_AL7262012, MayYes448.4Eastern BalticBOR_AL7742012, MayYes468.7Eastern BalticBOR_AL7772012, MayYes438.3IcelandI50_022003, AprilYes439.7IcelandI50_022003, AprilYes449.8IcelandI50_052003, AprilYes449.8IcelandI50_062003, AprilYes327.1IcelandI50_072003, AprilYes357.7IcelandI50_082003, AprilYes439.6IcelandI50_102003, AprilYes439.6IcelandI50_102003, AprilYes5011.1IcelandI50_102003, AprilYes439.6IcelandI50_102003, AprilYes439.6IcelandI50_112003, April <td< td=""><td>Eastern Baltic</td><td>BOR_655E</td><td>2012, May</td><td>Yes</td><td>73</td><td>13.8</td></td<>	Eastern Baltic	BOR_655E	2012, May	Yes	73	13.8
Eastern BalticBOR_664E2012, MayYes6612.5Eastern BalticBOR_AL7132012, MayYes448.4Eastern BalticBOR_739E2012, MayYes5710.8Eastern BalticBOR_749E2012, MayYes5911.2Eastern BalticBOR_AL7242012, MayYes61.1Eastern BalticBOR_AL7242012, MayYes499.3Eastern BalticBOR_AL7362012, MayYes448.4Eastern BalticBOR_AL7762012, MayYes468.7Eastern BalticBOR_AL7772012, MayYes438.3IcelandI50_022003, AprilYes439.7IcelandI50_022003, AprilYes449.8IcelandI50_042003, AprilYes4610.3IcelandI50_072003, AprilYes357.7IcelandI50_092003, AprilYes357.7IcelandI50_092003, AprilYes398.8IcelandI50_102003, AprilYes5011.1IcelandI50_122003, AprilYes5011.1IcelandI50_142003, AprilYes4810.7IcelandI50_142003, AprilYes357.7IcelandI50_122003, AprilYes439.6IcelandI50_142003, AprilYes	Eastern Baltic	BOR_659E	2012, May	Yes	59	11.1
Eastern BalticBOR_AL7132012, MayYes448.4Eastern BalticBOR_739E2012, MayYes5710.8Eastern BalticBOR_749E2012, MayYes5911.2Eastern BalticBOR_760E2012, MayYes61.1Eastern BalticBOR_AL7242012, MayYes499.3Eastern BalticBOR_AL7362012, MayYes448.4Eastern BalticBOR_AL7762012, MayYes468.7Eastern BalticBOR_AL7772012, MayYes438.3IcelandI50_022003, AprilYes438.3IcelandI50_022003, AprilYes4610.9IcelandI50_052003, AprilYes4610.3IcelandI50_062003, AprilYes357.7IcelandI50_072003, AprilYes439.6IcelandI50_092003, AprilYes439.6IcelandI50_102003, AprilYes5111.2IcelandI50_112003, AprilYes439.6IcelandI50_122003, AprilYes4810.7IcelandI50_142003, AprilYes4810.7IcelandI50_122003, AprilYes4810.7IcelandI50_142003, AprilYes4810.7IcelandI50_152003, AprilYes<	Eastern Baltic	BOR_664E	2012, May	Yes	66	12.5
Eastern BalticBOR_739E2012, MayYes5710.8Eastern BalticBOR_749E2012, MayYes5911.2Eastern BalticBOR_760E2012, MayYes61.1Eastern BalticBOR_AL7242012, MayYes499.3Eastern BalticBOR_AL7362012, MayYes448.4Eastern BalticBOR_AL7412012, MayYes468.7Eastern BalticBOR_AL7772012, MayYes438.3Iceland150_022003, AprilYes439.7IcelandI50_032003, AprilYes449.8IcelandI50_042003, AprilYes4610.3IcelandI50_052003, AprilYes4610.3IcelandI50_062003, AprilYes357.7IcelandI50_082003, AprilYes357.7IcelandI50_092003, AprilYes5111.2IcelandI50_102003, AprilYes5111.2IcelandI50_112003, AprilYes5011.1IcelandI50_122003, AprilYes4810.7IcelandI50_132003, AprilYes4810.7IcelandI50_142003, AprilYes4810.7IcelandI50_172003, AprilYes4810.7IcelandI50_162003, AprilYes48<	Eastern Baltic	BOR_AL713	2012, May	Yes	44	8.4
Eastern BalticBOR_749E2012, MayYes5911.2Eastern BalticBOR_760E2012, MayYes61.1Eastern BalticBOR_AL7242012, MayYes499.3Eastern BalticBOR_AL7362012, MayYes448.4Eastern BalticBOR_AL7412012, MayYes468.7Eastern BalticBOR_AL7772012, MayYes438.3IcelandI50_022003, AprilYes439.7IcelandI50_032003, AprilYes449.8IcelandI50_042003, AprilYes4610.3IcelandI50_052003, AprilYes4610.3IcelandI50_062003, AprilYes429.4IcelandI50_072003, AprilYes357.7IcelandI50_082003, AprilYes357.7IcelandI50_092003, AprilYes439.6IcelandI50_102003, AprilYes398.8IcelandI50_112003, AprilYes398.8IcelandI50_122003, AprilYes449.3IcelandI50_132003, AprilYes449.3IcelandI50_142003, AprilYes4810.7IcelandI50_152003, AprilYes449.3IcelandI50_162003, AprilYes449.3 <td>Eastern Baltic</td> <td>BOR_739E</td> <td>2012, May</td> <td>Yes</td> <td>57</td> <td>10.8</td>	Eastern Baltic	BOR_739E	2012, May	Yes	57	10.8
Eastern BalticBOR_760E2012, MayYes61.1Eastern BalticBOR_AL7242012, MayYes499.3Eastern BalticBOR_AL7362012, MayYes448.4Eastern BalticBOR_AL7412012, MayYes468.7Eastern BalticBOR_AL7772012, MayYes438.3IcelandI50_022003, AprilYes439.7IcelandI50_032003, AprilYes449.8IcelandI50_042003, AprilYes4610.3IcelandI50_052003, AprilYes4610.3IcelandI50_062003, AprilYes327.1IcelandI50_072003, AprilYes357.7IcelandI50_082003, AprilYes357.7IcelandI50_092003, AprilYes439.6IcelandI50_102003, AprilYes439.6IcelandI50_112003, AprilYes398.8IcelandI50_122003, AprilYes4810.7IcelandI50_132003, AprilYes449.3IcelandI50_142003, AprilYes4810.7IcelandI50_152003, AprilYes4810.7IcelandI50_162003, AprilYes419.3IcelandI50_172003, AprilYes419.3 <td>Eastern Baltic</td> <td>BOR_749E</td> <td>2012, May</td> <td>Yes</td> <td>59</td> <td>11.2</td>	Eastern Baltic	BOR_749E	2012, May	Yes	59	11.2
Eastern BalticBOR_AL/242012, MayYes499.3Eastern BalticBOR_AL7362012, MayYes448.4Eastern BalticBOR_AL7412012, MayYes468.7Eastern BalticBOR_AL7772012, MayYes438.3Iceland150_022003, AprilYes439.7Iceland150_042003, AprilYes449.8Iceland150_052003, AprilYes4610.3Iceland150_062003, AprilYes327.1Iceland150_062003, AprilYes429.4Iceland150_072003, AprilYes357.7Iceland150_082003, AprilYes357.7Iceland150_102003, AprilYes439.6Iceland150_102003, AprilYes5111.2Iceland150_112003, AprilYes5011.1Iceland150_122003, AprilYes398.8Iceland150_132003, AprilYes4810.7Iceland150_142003, AprilYes419.3Iceland150_152003, AprilYes439.5Iceland150_172003, AprilYes439.5Iceland150_172003, AprilYes439.5Iceland150_172003, AprilYes439.5 <t< td=""><td>Eastern Baltic</td><td>BOR_760E</td><td>2012, May</td><td>Yes</td><td>6</td><td>1.1</td></t<>	Eastern Baltic	BOR_760E	2012, May	Yes	6	1.1
Eastern BalticBOR_AL/362012, MayYes448.4Eastern BalticBOR_AL7412012, MayYes468.7Eastern BalticBOR_AL7772012, MayYes438.3Iceland150_022003, AprilYes439.7Iceland150_042003, AprilYes449.8Iceland150_052003, AprilYes449.8Iceland150_062003, AprilYes4610.3Iceland150_062003, AprilYes327.1Iceland150_072003, AprilYes357.7Iceland150_082003, AprilYes357.7Iceland150_092003, AprilYes5111.2Iceland150_102003, AprilYes439.6Iceland150_112003, AprilYes398.8Iceland150_122003, AprilYes398.8Iceland150_132003, AprilYes449.3Iceland150_142003, AprilYes449.3Iceland150_152003, AprilYes439.5Iceland150_162003, AprilYes439.5Iceland150_172003, AprilYes4610.1	Eastern Baltic	BOR_AL724	2012, May	Yes	49	9.3
Eastern BalticBOR_AL/412012, MayFes406.7Eastern BalticBOR_AL7772012, MayYes438.3IcelandI50_022003, AprilYes439.7IcelandI50_032003, AprilYes439.7IcelandI50_042003, AprilYes449.8IcelandI50_052003, AprilYes4610.3IcelandI50_062003, AprilYes327.1IcelandI50_072003, AprilYes357.7IcelandI50_082003, AprilYes357.7IcelandI50_092003, AprilYes5111.2IcelandI50_102003, AprilYes5011.1IcelandI50_112003, AprilYes5011.1IcelandI50_122003, AprilYes398.8IcelandI50_132003, AprilYes4810.7IcelandI50_142003, AprilYes419.3IcelandI50_152003, AprilYes419.3IcelandI50_162003, AprilYes439.5IcelandI50_162003, AprilYes439.5IcelandI50_172003, AprilYes4610.1	Eastern Baltic	BOR_AL736	2012, May 2012, May	Y es	44	8.4
Lastern Battle BOR_AL/// 2012, May Fes 43 5.3 Iceland I50_02 2003, April Yes 49 10.9 Iceland I50_03 2003, April Yes 43 9.7 Iceland I50_04 2003, April Yes 44 9.8 Iceland I50_05 2003, April Yes 46 10.3 Iceland I50_06 2003, April Yes 32 7.1 Iceland I50_07 2003, April Yes 35 7.7 Iceland I50_08 2003, April Yes 35 7.7 Iceland I50_09 2003, April Yes 43 9.6 Iceland I50_10 2003, April Yes 43 9.6 Iceland I50_11 2003, April Yes 50 11.1 Iceland I50_12 2003, April Yes 39 8.8 Iceland I50_13 2003, April Yes 48 10.7 Iceland I50_14 2003, April Yes 4	Eastern Baltie	DOR_AL/41	2012, May	Yes	40	8./ 8.2
Iceland 150_{-02} 2003 , April $1cs$ 49 10.7 Iceland 150_{-03} 2003 , AprilYes 43 9.7 Iceland 150_{-04} 2003 , AprilYes 44 9.8 Iceland 150_{-05} 2003 , AprilYes 46 10.3 Iceland 150_{-06} 2003 , AprilYes 32 7.1 Iceland 150_{-07} 2003 , AprilYes 42 9.4 Iceland 150_{-07} 2003 , AprilYes 35 7.7 Iceland 150_{-09} 2003 , AprilYes 51 11.2 Iceland 150_{-09} 2003 , AprilYes 43 9.6 Iceland 150_{-10} 2003 , AprilYes 43 9.6 Iceland 150_{-11} 2003 , AprilYes 50 11.1 Iceland 150_{-12} 2003 , AprilYes 39 8.8 Iceland 150_{-13} 2003 , AprilYes 48 10.7 Iceland 150_{-14} 2003 , AprilYes 48 10.7 Iceland 150_{-15} 2003 , AprilYes 41 9.3 Iceland 150_{-15} 2003 , AprilYes 41 9.3 Iceland 150_{-16} 2003 , AprilYes 43 9.5 Iceland 150_{-16} 2003 , AprilYes 46 10.1	Iceland	150 02	2012, May 2003, April	Ves	43	10.9
Iceland 150_03 2003, April Yes 43 9.8 Iceland 150_05 2003, April Yes 46 10.3 Iceland 150_06 2003, April Yes 32 7.1 Iceland 150_06 2003, April Yes 32 7.1 Iceland 150_07 2003, April Yes 32 7.1 Iceland 150_07 2003, April Yes 42 9.4 Iceland 150_08 2003, April Yes 35 7.7 Iceland 150_09 2003, April Yes 51 11.2 Iceland 150_10 2003, April Yes 50 11.1 Iceland 150_11 2003, April Yes 50 11.1 Iceland 150_12 2003, April Yes 39 8.8 Iceland 150_13 2003, April Yes 48 10.7 Iceland 150_14 2003, April Yes 48 10.7 Iceland 150_15 2003, April Yes 41	Iceland	150_02	2003, April	Ves	49	97
Iceland 150_05 2003, April Yes 46 10.3 Iceland 150_06 2003, April Yes 32 7.1 Iceland 150_07 2003, April Yes 32 7.1 Iceland 150_07 2003, April Yes 42 9.4 Iceland 150_08 2003, April Yes 35 7.7 Iceland 150_09 2003, April Yes 51 11.2 Iceland 150_10 2003, April Yes 43 9.6 Iceland 150_11 2003, April Yes 50 11.1 Iceland 150_12 2003, April Yes 39 8.8 Iceland 150_13 2003, April Yes 48 10.7 Iceland 150_14 2003, April Yes 48 10.7 Iceland 150_15 2003, April Yes 41 9.3 Iceland 150_15 2003, April Yes 41 9.3 Iceland 150_16 2003, April Yes 43	Iceland	150_04	2003, April	Yes	44	9.8
Iceland 150_06 2003, April Yes 32 7.1 Iceland 150_07 2003, April Yes 42 9.4 Iceland 150_08 2003, April Yes 35 7.7 Iceland 150_09 2003, April Yes 51 11.2 Iceland 150_10 2003, April Yes 53 9.6 Iceland 150_10 2003, April Yes 43 9.6 Iceland 150_11 2003, April Yes 50 11.1 Iceland 150_12 2003, April Yes 39 8.8 Iceland 150_13 2003, April Yes 48 10.7 Iceland 150_14 2003, April Yes 48 10.7 Iceland 150_15 2003, April Yes 41 9.3 Iceland 150_15 2003, April Yes 41 9.3 Iceland 150_16 2003, April Yes 49 11.0 Iceland 150_17 2003, April Yes 43	Iceland	150 05	2003. April	Yes	46	10.3
Iceland I50_07 2003, April Yes 42 9.4 Iceland I50_08 2003, April Yes 35 7.7 Iceland I50_09 2003, April Yes 51 11.2 Iceland I50_10 2003, April Yes 43 9.6 Iceland I50_11 2003, April Yes 50 11.1 Iceland I50_12 2003, April Yes 39 8.8 Iceland I50_13 2003, April Yes 48 10.7 Iceland I50_14 2003, April Yes 46 5.7 Iceland I50_15 2003, April Yes 41 9.3 Iceland I50_16 2003, April Yes 49 11.0 Iceland I50_16 2003, April Yes 43 9.5 Iceland I50_17 2003, April Yes 46 10.1	Iceland	150_06	2003, April	Yes	32	7.1
Iceland I50_08 2003, April Yes 35 7.7 Iceland I50_09 2003, April Yes 51 11.2 Iceland I50_10 2003, April Yes 43 9.6 Iceland I50_11 2003, April Yes 50 11.1 Iceland I50_12 2003, April Yes 39 8.8 Iceland I50_13 2003, April Yes 39 8.8 Iceland I50_14 2003, April Yes 48 10.7 Iceland I50_15 2003, April Yes 41 9.3 Iceland I50_15 2003, April Yes 41 9.3 Iceland I50_16 2003, April Yes 49 11.0 Iceland I50_17 2003, April Yes 43 9.5 Iceland I50_17 2003, April Yes 46 10.1	Iceland	150_07	2003, April	Yes	42	9.4
IcelandI50_092003, AprilYes5111.2IcelandI50_102003, AprilYes439.6IcelandI50_112003, AprilYes5011.1IcelandI50_122003, AprilYes398.8IcelandI50_132003, AprilYes4810.7IcelandI50_142003, AprilYes265.7IcelandI50_152003, AprilYes419.3IcelandI50_162003, AprilYes4911.0IcelandI50_162003, AprilYes439.5IcelandI50_172003, AprilYes4610.1	Iceland	150_08	2003, April	Yes	35	7.7
Iceland I50_10 2003, April Yes 43 9.6 Iceland I50_11 2003, April Yes 50 11.1 Iceland I50_12 2003, April Yes 39 8.8 Iceland I50_13 2003, April Yes 48 10.7 Iceland I50_14 2003, April Yes 26 5.7 Iceland I50_15 2003, April Yes 41 9.3 Iceland I50_16 2003, April Yes 49 11.0 Iceland I50_17 2003, April Yes 43 9.5 Iceland I50_18 2003, April Yes 46 10.1	Iceland	150_09	2003, April	Yes	51	11.2
Iceland I50_11 2003, April Yes 50 11.1 Iceland I50_12 2003, April Yes 39 8.8 Iceland I50_13 2003, April Yes 48 10.7 Iceland I50_14 2003, April Yes 26 5.7 Iceland I50_15 2003, April Yes 41 9.3 Iceland I50_16 2003, April Yes 49 11.0 Iceland I50_17 2003, April Yes 43 9.5 Iceland I50_18 2003, April Yes 46 10.1	Iceland	I50_10	2003, April	Yes	43	9.6
Iceland I50_12 2003, April Yes 39 8.8 Iceland I50_13 2003, April Yes 48 10.7 Iceland I50_14 2003, April Yes 26 5.7 Iceland I50_15 2003, April Yes 41 9.3 Iceland I50_16 2003, April Yes 49 11.0 Iceland I50_17 2003, April Yes 43 9.5 Iceland I50_18 2003, April Yes 46 10.1	Iceland	I50_11	2003, April	Yes	50	11.1
Iceland I50_13 2003, April Yes 48 10.7 Iceland I50_14 2003, April Yes 26 5.7 Iceland I50_15 2003, April Yes 41 9.3 Iceland I50_16 2003, April Yes 49 11.0 Iceland I50_17 2003, April Yes 43 9.5 Iceland I50_18 2003, April Yes 46 10.1	Iceland	150_12	2003, April	Yes	39	8.8
Iceland 150_14 2003, April Yes 26 5.7 Iceland I50_15 2003, April Yes 41 9.3 Iceland I50_16 2003, April Yes 49 11.0 Iceland I50_17 2003, April Yes 43 9.5 Iceland I50_18 2003, April Yes 46 10.1	Iceland	150_13	2003, April	Yes	48	10.7
Iceland I50_15 2003, April Yes 41 9.3 Iceland I50_16 2003, April Yes 49 11.0 Iceland I50_17 2003, April Yes 43 9.5 Iceland I50_18 2003 April Yes 46 10.1	Iceland	150_14	2003, April	Yes	26	5.7
Iceland ISU_16 2003, April Yes 49 11.0 Iceland ISO_17 2003, April Yes 43 9.5 Iceland ISO_18 2003 April Yes 46 10.1	Iceland	150_15	2003, April	Yes	41	9.3
Iceiand ISU_1 / 2003, April Yes 43 9.5 Iceiand ISO_18 2003 April Yes 46 10.1	Iceland	150_16	2003, April	Y es	49	11.0
	Iceland	150_17	2005, April 2003 April	i es Yes	45 46	9.5 10.1

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lealand ISO_26 2003, April Yes 53 10.3 lealand ISO_24 2003, April Yes 92 19.1 lealand ISO_42 2003, April Yes 92 19.1 lealand ISO_42 2003, April Yes 92 11.6 lealand ISO_42 2014, August No 60 11.4 lealand ISO_42 2014, August No 42 10.0 lealand ISO_42 2014, August No 43 82.2 Lofoten IOF, A, 14 00 2014, August No 43 82.2 Lofoten IOF, A, 14 10 2014, August No 43 82.2 Lofoten IOF, A, 14 17 2014, August No 54 10.3 Lofoten IOF, A, 14 2014, August No 54 91 Lofoten IOF, A, 14 2014, August No 54 91 Lofoten I		Iceland	150 23	2003, April	Yes	58	12.9
lealand 150_38 2003, April Yes 92 19.1 lealand 150_41 2003, April Yes 52 11.6 lotorem LOF_A, 14, 03 2014, August No 53 10.2 lotorem Lotorem Lotorem 10.0 A.14, 04 2014, August No 54 10.2 lotorem LOF_A, 14, 05 2014, August No 43 82.0 lotorem LOF_A, 14, 10 2014, August No 43 82.0 lotofeen LOF_A, 14, 10 2014, August No 53 10.1 lotofeen LOF_A, 14, 11 2014, August No 54 9.1 lotofeen LOF_A, 14, 12 2014, August No 54 9.1 lotofeen LOF_A, 14, 12 2014, August No 54 9.3 lotofeen LOF_A, 14, 22 2014, August No 54 9.3 lotofeen LOF_A, 14, 23 2014, August No 54 9.3<		Iceland	150 26	2003, April	Yes	53	10.3
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		Lofoten	LOF A 14 01	2014, August	No	60	11.4
		Lofoten	LOF A 14 03	2014, August	No	54	10.2
		Lofoten	LOF A 14 04	2014, August	No	47	9.0
		Lofoten	LOF A 14 05	2014, August	No	47	8.9
		Lofoten	LOF A 14 06	2014, August	No	52	10.0
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		Lofoten	LOF_A_14_30	2014, August	No	44	8.3
		Lofoten	LOF_A_14_33	2014, August	No	46	8.8
Loften LOF A 14 2014 August No 195 37.0 North East Arctic LOF M 14 22 2014 March Yes 44 8.3 North East Arctic LOF M 14 22 2014 March Yes 44 8.3 North East Arctic LOF M 14 30 2014 March Yes 46 8.6 North East Arctic LOF M 14 30 2014 March Yes 50 9.4 North East Arctic LOF M 14 32 2014 March Yes 50 9.4 North East Arctic LOF M 14 35 2014 March Yes 53 100 North East Arctic LOF M 14 32 2014 March Yes 45 8.6 North East Arctic LOF M 14 40 404		Lofoten	LOF_A_14_41	2014, August	No	45	8.6
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North East ArcticLOF M 14 272014, MarchYes478.9North East ArcticLOF M 14_292014, MarchYes448.3North East ArcticLOF M 14_302014, MarchYes438.1North East ArcticLOF M 14_312014, MarchYes509.4North East ArcticLOF M 14_322014, MarchYes509.4North East ArcticLOF M 14_322014, MarchYes509.4North East ArcticLOF M 14_322014, MarchYes5310.0North East ArcticLOF M 14_352014, MarchYes8816.7North East ArcticLOF M 14_432014, MarchYes8816.7North East ArcticLOF M 14_442014, MarchYes458.6North East ArcticLOF M 14_462014, MarchYes509.4North East ArcticLOF M 14_472014, MarchYes397.4North East ArcticLOF M 14_502014, MarchYes438.1North East ArcticLOF M 14_512014, MarchYes438.1North East ArcticLOF M 14_532014, MarchYes438.1North East ArcticLOF M 14_532014, MarchYes448.3North East ArcticLOF M 14_532014, MarchYes438.1North East ArcticLOF M 14_532014, MarchYes438.1North East ArcticLOF M 14_53		North East Arctic	LOF_M_14_26	2014, March	Yes	46	8.7
North East ArcticLOFMII22014MarchYes468.6North East ArcticLOFMI22014MarchYes438.1North East ArcticLOFMI312014MarchYes509.4North East ArcticLOFMI332014MarchYes509.4North East ArcticLOFMI14332014MarchYes509.4North East ArcticLOFMI14352014MarchYes428.0North East ArcticLOFMI14362014MarchYes5310.0North East ArcticLOFMI4.432014MarchYes479.0North East ArcticLOFMI4.452014MarchYes5710.7North East ArcticLOFMI4.452014MarchYes509.4North East ArcticLOFMI4.502014MarchYes509.4North East ArcticLOFMI4.502014MarchYes5710.7North East ArcticLOFMI4.522014MarchYes438.1North East ArcticLOFMI4.522014MarchYes438.1North East		North East Arctic	LOF_M_14_27	2014, March	Yes	47	8.9
North East ArcticLOFM_14, 292014, MarchYes468.6North East ArcticLOFM_14, 312014, MarchYes438.1North East ArcticLOFM_14, 322014, MarchYes509.4North East ArcticLOFM_14, 322014, MarchYes509.4North East ArcticLOFM_14, 332014, MarchYes509.4North East ArcticLOFM_14, 352014, MarchYes5310.0North East ArcticLOFM_14, 432014, MarchYes5310.0North East ArcticLOFM_14, 442014, MarchYes538.6North East ArcticLOFM_14, 442014, MarchYes5710.7North East ArcticLOFM_14, 452014, MarchYes509.4North East ArcticLOFM_14, 452014, MarchYes509.4North East ArcticLOFM_14, 512014, MarchYes438.1North East ArcticLOFM_14, 512014, MarchYes438.1North East ArcticLOFM_14, 512014, MarchYes438.2North East ArcticLOFM_14, 512014, MarchYes438.2North East ArcticLOFM_14, 512014, MarchYes438.2North East ArcticLOFM_14, 522014, MarchYes448.2Nor		North East Arctic	LOF_M_14_28	2014, March	Yes	44	8.3
North East ArcticLOFM 14, 302014, MarchYes438.1North East ArcticLOFM 14, 322014, MarchYes509.4North East ArcticLOFM 14, 332014, MarchYes509.4North East ArcticLOFM 14, 332014, MarchYes509.4North East ArcticLOFM 14, 352014, MarchYes428.0North East ArcticLOFM 14, 362014, MarchYes8816.7North East ArcticLOFM 14, 432014, MarchYes8816.7North East ArcticLOFM 14, 442014, MarchYes458.6North East ArcticLOFM 14, 452014, MarchYes5710.7North East ArcticLOFM 14, 452014, MarchYes397.4North East ArcticLOFM 14, 512014, MarchYes397.4North East ArcticLOFM 14, 512014, MarchYes438.1North East ArcticLOFM 14, 512014, MarchYes448.3North East ArcticLOFM 14, 542014, MarchYes438.1North East ArcticLOFM 14, 542014, MarchYes448.3North East ArcticLOFM 14, 542014, MarchYes5510.5North East ArcticLOFM 14, 562014, MarchYes5510.5N		North East Arctic	LOF_M_14_29	2014, March	Yes	46	8.6
North East ArcticLOFM [14] 312014, MarchYes509.4North East ArcticLOFM [14] 332014, MarchYes509.4North East ArcticLOFM [14] 352014, MarchYes509.4North East ArcticLOFM [14] 352014, MarchYes428.0North East ArcticLOFM [14] 362014, MarchYes8816.7North East ArcticLOFM [14] 432014, MarchYes8816.7North East ArcticLOFM [14] 452014, MarchYes479.0North East ArcticLOFM [14] 442014, MarchYes5710.7North East ArcticLOFM [14] 472014, MarchYes509.4North East ArcticLOFM [14] 472014, MarchYes397.4North East ArcticLOFM [14] 502014, MarchYes438.1North East ArcticLOFM [14] 532014, MarchYes438.2North East ArcticLOFM [14] 552014, MarchYes438.2North East ArcticLOFM [14] 552014, MarchYes5510.5North East ArcticLOFM [14] 552014, MarchYes5510.5North East ArcticLOFM [14] 562014, MarchYes5510.5North East ArcticLOFM [14] 562014, March </td <td></td> <td>North East Arctic</td> <td>LOF_M_14_30</td> <td>2014, March</td> <td>Yes</td> <td>43</td> <td>8.1</td>		North East Arctic	LOF_M_14_30	2014, March	Yes	43	8.1
North East ArcticLOFM [14 , 322014, MarchYes509.4North East ArcticLOFM [14 , 352014, MarchYes509.4North East ArcticLOFM [14 , 352014, MarchYes5310.0North East ArcticLOFM [14 , 352014, MarchYes5310.0North East ArcticLOFM [14 , 352014, MarchYes8816.7North East ArcticLOFM [14 , 452014, MarchYes458.6North East ArcticLOFM [14 , 462014, MarchYes509.4North East ArcticLOFM [14 , 462014, MarchYes509.4North East ArcticLOFM [14 , 512014, MarchYes397.4North East ArcticLOFM [14 , 512014, MarchYes438.1North East ArcticLOFM [14 , 532014, MarchYes438.2North East ArcticLOFM [14 , 532014, MarchYes438.2North East ArcticLOFM [14 , 532014, MarchYes438.2North East ArcticLOFM [14 , 552014, MarchYes438.2North East ArcticLOFM [14 , 562014, MarchYes5510.5North East ArcticLOFM [14 , 662014, MarchYes509.4North East ArcticLOFM [14 , 662014, March <td></td> <td>North East Arctic</td> <td>LOF_M_14_31</td> <td>2014, March</td> <td>Yes</td> <td>50</td> <td>9.4</td>		North East Arctic	LOF_M_14_31	2014, March	Yes	50	9.4
North East ArcticLOFM [14, 332014, MarchYes509.4North East ArcticLOFM [14, 352014, MarchYes428.0North East ArcticLOFM [14, 362014, MarchYes5310.0North East ArcticLOFM [14, 442014, MarchYes8816.7North East ArcticLOFM [14, 442014, MarchYes879.0North East ArcticLOFM [14, 452014, MarchYes5710.7North East ArcticLOFM [14, 472014, MarchYes5710.7North East ArcticLOFM [14, 502014, MarchYes397.4North East ArcticLOFM [14, 512014, MarchYes438.1North East ArcticLOFM [14, 522014, MarchYes244.5North East ArcticLOFM [14, 532014, MarchYes244.5North East ArcticLOFM [14, 542014, MarchYes244.5North East ArcticLOFM [14, 552014, MarchYes5510.5North East ArcticLOFM [14, 622014, MarchYes5510.5North East ArcticLOFM [14, 622014, MarchYes3872ØresundORE_3012012, MarchYes448.277ØresundORE_3022012, MarchYes448.2Øresun		North East Arctic	LOF_M_14_32	2014, March	Yes	50	9.4
North East ArcticLOF M 14 352014, MarchYes428.0North East ArcticLOF M 14 432014, MarchYes5310.0North East ArcticLOF M 14 432014, MarchYes8816.7North East ArcticLOF M 14 432014, MarchYes479.0North East ArcticLOF M 14 462014, MarchYes458.6North East ArcticLOF M 14 462014, MarchYes5710.7North East ArcticLOF M 14 472014, MarchYes397.4North East ArcticLOF M 14 502014, MarchYes438.1North East ArcticLOF M 14 512014, MarchYes438.1North East ArcticLOF M 14 522014, MarchYes438.2North East ArcticLOF M 14 562014, MarchYes5510.5North East ArcticLOF M 14 682014, MarchYes387.2OresundORE 3022012, MarchYes448.2OresundORE 3022012, MarchYes448.2OresundORE 3082012, MarchYes387.2OresundORE 3102012, MarchYes336.0 <td></td> <td>North East Arctic</td> <td>LOF_M_14_33</td> <td>2014, March</td> <td>Yes</td> <td>50</td> <td>9.4</td>		North East Arctic	LOF_M_14_33	2014, March	Yes	50	9.4
North East ArcticLOF M 14 362014, MarchYes5310.0North East ArcticLOF M 14 432014, MarchYes8816.7North East ArcticLOF M 14 442014, MarchYes479.0North East ArcticLOF M 14 442014, MarchYes479.0North East ArcticLOF M 14 462014, MarchYes5710.7North East ArcticLOF M 14 472014, MarchYes509.4North East ArcticLOF M 14 512014, MarchYes397.4North East ArcticLOF M 14 512014, MarchYes438.1North East ArcticLOF M 14 522014, MarchYes438.2North East ArcticLOF M 14 522014, MarchYes438.2North East ArcticLOF M 14 522014, MarchYes438.2North East ArcticLOF M 14 542014, MarchYes438.2North East ArcticLOF M 14 562014, MarchYes5510.5North East ArcticLOF M 14 622014, MarchYes5510.5North East ArcticLOF M 14 682014, MarchYes387.2ØresundØRE 3012012, MarchYes448.2ØresundORE 3022012, MarchYes448.2ØresundORE 3082012, MarchYes336.0ØresundORE 3132012, MarchYes336.0 <td></td> <td>North East Arctic</td> <td>LOF_M_14_35</td> <td>2014, March</td> <td>Yes</td> <td>42</td> <td>8.0</td>		North East Arctic	LOF_M_14_35	2014, March	Yes	42	8.0
North East ArcticLOF_M_14_432014, MarchYes8816.7North East ArcticLOF_M_14_452014, MarchYes479.0North East ArcticLOF_M_14_452014, MarchYes458.6North East ArcticLOF_M_14_462014, MarchYes509.4North East ArcticLOF_M_14_502014, MarchYes397.4North East ArcticLOF_M_14_512014, MarchYes397.4North East ArcticLOF_M_14_522014, MarchYes448.3North East ArcticLOF_M_14_522014, MarchYes448.3North East ArcticLOF_M_14_532014, MarchYes448.3North East ArcticLOF_M_14_542014, MarchYes468.7North East ArcticLOF_M_14_562014, MarchYes5510.5North East ArcticLOF_M_14_622014, MarchYes5510.5North East ArcticLOF_M_14_682014, MarchYes387.2ØresundØRE_3012012, MarchYes448.2ØresundORE_3022012, MarchYes407.6ØresundORE_3032012, MarchYes407.6ØresundORE_3132012, MarchYes336.0ØresundORE_3132012, MarchYes397.4ØresundORE_3132012, MarchYes346.0ØresundORE_		North East Arctic	LOF_M_14_36	2014, March	Yes	53	10.0
North East ArcticLOF_M_14_442014, MarchYes479.0North East ArcticLOF_M_14_452014, MarchYes458.6North East ArcticLOF_M_14_462014, MarchYes5710.7North East ArcticLOF_M_14_502014, MarchYes397.4North East ArcticLOF_M_14_512014, MarchYes438.1North East ArcticLOF_M_14_522014, MarchYes438.1North East ArcticLOF_M_14_532014, MarchYes438.2North East ArcticLOF_M_14_542014, MarchYes438.2North East ArcticLOF_M_14_552014, MarchYes438.2North East ArcticLOF_M_14_642014, MarchYes509.4North East ArcticLOF_M_14_662014, MarchYes509.4North East ArcticLOF_M_14_662014, MarchYes509.4North East ArcticLOF_M_14_682014, MarchYes387.2ØresundORE_3022012, MarchYes448.2ØresundORE_3032012, MarchYes458.4ØresundORE_3032012, MarchYes336.0ØresundORE_3132012, MarchYes346.0ØresundORE_3132012, MarchYes346.0ØresundORE_3152012, MarchYes346.0ØresundORE_31		North East Arctic	LOF_M_14_43	2014, March	Yes	88	16.7
North East ArcticLOF_M_14_452014, MarchYes458.6North East ArcticLOF_M_14_472014, MarchYes5710.7North East ArcticLOF_M_14_472014, MarchYes509.4North East ArcticLOF_M_14_502014, MarchYes397.4North East ArcticLOF_M_14_512014, MarchYes438.1North East ArcticLOF_M_14_522014, MarchYes448.3North East ArcticLOF_M_14_532014, MarchYes438.2North East ArcticLOF_M_14_542014, MarchYes468.7North East ArcticLOF_M_14_552014, MarchYes5510.5North East ArcticLOF_M_14_622014, MarchYes509.4North East ArcticLOF_M_14_622014, MarchYes387.2ØresundORE_3012012, MarchYes387.2ØresundORE_3022012, MarchYes407.6ØresundORE_3032012, MarchYes336.0ØresundORE_3102012, MarchYes336.0ØresundORE_3162012, MarchYes346.0ØresundORE_3162012, MarchYes346.0ØresundORE_3152012, MarchYes346.0ØresundORE_3162012, MarchYes366.6ØresundORE_3172012, March<		North East Arctic	LOF_M_14_44	2014, March	Yes	47	9.0
North East ArcticLOFMMMYes5710.7North East ArcticLOFMM4.472014, MarchYes509.4North East ArcticLOFM14.512014, MarchYes397.4North East ArcticLOFM14.512014, MarchYes438.1North East ArcticLOFM14.522014, MarchYes448.3North East ArcticLOFM14.532014, MarchYes438.2North East ArcticLOFM14.552014, MarchYes438.2North East ArcticLOFM14.552014, MarchYes5510.5North East ArcticLOFM14.562014, MarchYes5510.5North East ArcticLOFM14.662014, MarchYes387.2ØresundØRE.3012012, MarchYes448.27.7ØresundØRE.3022012, MarchYes448.2ØresundORE.3032012, MarchYes448.2ØresundORE.3032012, MarchYes448.2ØresundORE.3082012, MarchYes448.2ØresundORE.3082012, MarchYes336.0ØresundORE.3132012, MarchYes458.4ØresundORE.3132012, MarchYes346.0 <td></td> <td>North East Arctic</td> <td>LOF_M_14_45</td> <td>2014, March</td> <td>Yes</td> <td>45</td> <td>8.6</td>		North East Arctic	LOF_M_14_45	2014, March	Yes	45	8.6
North East ArcticLOFM 4 472014, MarchYes509.4North East ArcticLOFM 4 502014, MarchYes397.4North East ArcticLOFM 4 512014, MarchYes438.1North East ArcticLOFM 14 522014, MarchYes448.3North East ArcticLOFM 14 532014, MarchYes244.5North East ArcticLOFM 14 552014, MarchYes438.2North East ArcticLOFM 14 562014, MarchYes468.7North East ArcticLOFM 14 562014, MarchYes5510.5North East ArcticLOFM 4622014, MarchYes387.2ØresundORE_3012012, MarchYes387.2ØresundORE_3022012, MarchYes448.2ØresundORE_3032012, MarchYes407.6ØresundORE_3082012, MarchYes336.0ØresundORE_3132012, MarchYes397.4ØresundORE_3142012, MarchYes346.0ØresundORE_3132012, MarchYes397.4ØresundORE_3142012, MarchYes346.0ØresundORE_3132012, MarchYes346.0ØresundORE_3162012, MarchYes34 <t< td=""><td></td><td>North East Arctic</td><td>LOF_M_14_46</td><td>2014, March</td><td>Yes</td><td>57</td><td>10.7</td></t<>		North East Arctic	LOF_M_14_46	2014, March	Yes	57	10.7
North East ArcticLOF_M_14_502014, MarchYes397.4North East ArcticLOF_M_14_512014, MarchYes438.1North East ArcticLOF_M_14_522014, MarchYes448.3North East ArcticLOF_M_14_532014, MarchYes244.5North East ArcticLOF_M_14_542014, MarchYes468.7North East ArcticLOF_M_14_562014, MarchYes5510.5North East ArcticLOF_M_14_622014, MarchYes387.2ØresundORE_3012012, MarchYes448.2ØresundORE_3012012, MarchYes448.2ØresundORE_3032012, MarchYes448.2ØresundORE_3032012, MarchYes436.0ØresundORE_3082012, MarchYes336.0ØresundORE_3102012, MarchYes346.0ØresundORE_3162012, MarchYes346.0ØresundORE_3172012, MarchYes346.0ØresundORE_3182012, MarchYes387.1ØresundORE_3172012, MarchYes366.6ØresundORE_3182012, MarchYes387.1ØresundORE_3182012, MarchYes366.6ØresundORE_3182012, MarchYes366.6Øresund <td></td> <td>North East Arctic</td> <td>LOF_M_14_47</td> <td>2014, March</td> <td>Yes</td> <td>50</td> <td>9.4</td>		North East Arctic	LOF_M_14_47	2014, March	Yes	50	9.4
North East ArcticLOF_M_14_512014, MarchYes438.1North East ArcticLOF_M_14_522014, MarchYes448.3North East ArcticLOF_M_14_532014, MarchYes244.5North East ArcticLOF_M_14_552014, MarchYes468.7North East ArcticLOF_M_14_562014, MarchYes468.7North East ArcticLOF_M_14_622014, MarchYes5510.5North East ArcticLOF_M_14_682014, MarchYes387.2ØresundORE_3012012, MarchYes448.2ØresundORE_3022012, MarchYes407.6ØresundORE_3032012, MarchYes407.6ØresundORE_3082012, MarchYes336.0ØresundORE_3102012, MarchYes336.0ØresundORE_3132012, MarchYes346.0ØresundORE_3132012, MarchYes346.0ØresundORE_3152012, MarchYes346.0ØresundORE_3152012, MarchYes346.0ØresundORE_3152012, MarchYes346.0ØresundORE_3152012, MarchYes346.0ØresundORE_3162012, MarchYes356.6ØresundORE_3172012, MarchYes366.6Øresund <td></td> <td>North East Arctic</td> <td>LOF_M_14_50</td> <td>2014, March</td> <td>Yes</td> <td>39</td> <td>7.4</td>		North East Arctic	LOF_M_14_50	2014, March	Yes	39	7.4
North East ArcticLOFM14522014, MarchYes448.3North East ArcticLOF M 14542014, MarchYes244.5North East ArcticLOF M 14542014, MarchYes438.2North East ArcticLOF M 14562014, MarchYes5510.5North East ArcticLOF M 14562014, MarchYes5510.5North East ArcticLOF M 14622014, MarchYes509.4North East ArcticLOF M 14682014, MarchYes387.2ØresundORE3012012, MarchYes448.2ØresundORE3022012, MarchYes448.2ØresundORE3082012, MarchYes407.6ØresundORE3082012, MarchYes336.0ØresundORE3102012, MarchYes346.0ØresundORE3132012, MarchYes346.0ØresundORE3132012, MarchYes346.0ØresundORE3142012, MarchYes346.0ØresundORE3152012, MarchYes366.6ØresundORE3122012, MarchYes366.6ØresundORE312<		North East Arctic	LOF_M_14_51	2014, March	Yes	43	8.1
North East ArcticLOF_M_14_532014, MarchYes244.5North East ArcticLOF_M_14_542014, MarchYes438.2North East ArcticLOF_M_14_552014, MarchYes468.7North East ArcticLOF_M_14_622014, MarchYes5510.5North East ArcticLOF_M_14_622014, MarchYes387.2ØresundORE_3012012, MarchYes448.2ØresundORE_3022012, MarchYes448.2ØresundORE_3032012, MarchYes407.6ØresundORE_3082012, MarchYes336.0ØresundORE_3092012, MarchYes336.0ØresundORE_3102012, MarchYes397.4ØresundORE_3132012, MarchYes346.0ØresundORE_3132012, MarchYes346.0ØresundORE_3142012, MarchYes346.0ØresundORE_3172012, MarchYes387.1ØresundORE_3182012, MarchYes366.6ØresundORE_3182012, MarchYes366.6ØresundORE_3182012, MarchYes336.0ØresundORE_3182012, MarchYes366.6ØresundORE_3222012, MarchYes366.6ØresundORE_3232012,		North East Arctic	LOF_M_14_52	2014, March	Yes	44	8.3
North East ArcticLOF_M_14_542014, MarchYes438.2North East ArcticLOF_M_14_552014, MarchYes468.7North East ArcticLOF_M_14_562014, MarchYes5510.5North East ArcticLOF_M_14_622014, MarchYes509.4North East ArcticLOF_M_14_682014, MarchYes387.2ØresundORE_3012012, MarchYes448.2ØresundORE_3022012, MarchYes407.6ØresundORE_3032012, MarchYes407.6ØresundORE_3082012, MarchYes336.0ØresundORE_3092012, MarchYes336.0ØresundORE_31102012, MarchYes346.0ØresundORE_3132012, MarchYes346.0ØresundORE_3142012, MarchYes346.0ØresundORE_3152012, MarchYes346.0ØresundORE_3162012, MarchYes387.1ØresundORE_3172012, MarchYes387.1ØresundORE_3182012, MarchYes366.6ØresundORE_3222012, MarchYes336.0ØresundORE_3232012, MarchYes336.0ØresundORE_3242012, MarchYes336.0ØresundORE_3252012,		North East Arctic	LOF_M_14_53	2014, March	Yes	24	4.5
North East ArcticLOF_M_14_562014, MarchYes468.7North East ArcticLOF_M_14_662014, MarchYes5510.5North East ArcticLOF_M_14_622014, MarchYes387.2ØresundORE_3012012, MarchYes387.2ØresundORE_3022012, MarchYes448.2ØresundORE_3032012, MarchYes407.6ØresundORE_3082012, MarchYes336.0ØresundORE_3082012, MarchYes336.0ØresundORE_3102012, MarchYes346.0ØresundORE_3132012, MarchYes346.0ØresundORE_3142012, MarchYes346.0ØresundORE_3152012, MarchYes346.0ØresundORE_3162012, MarchYes346.0ØresundORE_3172012, MarchYes387.1ØresundORE_3162012, MarchYes387.1ØresundORE_3162012, MarchYes336.0ØresundORE_3122012, MarchYes336.0ØresundORE_3222012, MarchYes336.0ØresundORE_3232012, MarchYes336.0ØresundORE_3232012, MarchYes336.0ØresundORE_3242012, MarchYes33		North East Arctic	LOF_M_14_54	2014, March	Yes	43	8.2
North East ArcticLOF_M_14_562014, MarchYes5510.5North East ArcticLOF_M_14_622014, MarchYes509.4North East ArcticLOF_M_14_682014, MarchYes387.2ØresundORE_3012012, MarchYes448.2ØresundORE_3022012, MarchYes427.7ØresundORE_3032012, MarchYes407.6ØresundORE_3082012, MarchYes336.0ØresundORE_3102012, MarchYes336.0ØresundORE_3102012, MarchYes336.0ØresundORE_3112012, MarchYes397.4ØresundORE_3132012, MarchYes10519.8ØresundORE_3142012, MarchYes346.0ØresundORE_3152012, MarchYes346.0ØresundORE_3162012, MarchYes346.0ØresundORE_3172012, MarchYes387.1ØresundORE_3182012, MarchYes366.6ØresundORE_3222012, MarchYes336.0ØresundORE_3232012, MarchYes336.0ØresundORE_3242012, MarchYes366.6ØresundORE_3252012, MarchYes366.6ØresundORE_3262012, MarchYes		North East Arctic	LOF_M_14_55	2014, March	Yes	46	8./
North East ArcticLOF M_14_62 2014, MarchYes509,4North East ArcticLOF M_14_68 2014, MarchYes387.2ØresundORE_3012012, MarchYes448.2ØresundORE_3022012, MarchYes427.7ØresundORE_3032012, MarchYes407.6ØresundORE_3082012, MarchYes336.0ØresundORE_3092012, MarchYes336.0ØresundORE_3102012, MarchYes397.4ØresundORE_31132012, MarchYes346.0ØresundORE_3142012, MarchYes346.0ØresundORE_3152012, MarchYes346.0ØresundORE_3142012, MarchYes346.0ØresundORE_3152012, MarchYes346.0ØresundORE_3162012, MarchYes387.1ØresundORE_3172012, MarchYes366.6ØresundORE_3222012, MarchYes336.0ØresundORE_3232012, MarchYes336.0ØresundORE_3262012, MarchYes366.6ØresundORE_3262012, MarchYes397.2ØresundORE_3312012, MarchYes397.2ØresundORE_3312012, MarchYes509		North East Arctic	LOF_M_14_56	2014, March	Yes	55	10.5
North East Arctic LOF_M_14_68 2014, March Yes 38 7.2 Øresund ORE_301 2012, March Yes 44 8.2 Øresund ORE_302 2012, March Yes 42 7.7 Øresund ORE_303 2012, March Yes 40 7.6 Øresund ORE_308 2012, March Yes 33 6.0 Øresund ORE_308 2012, March Yes 33 6.0 Øresund ORE_310 2012, March Yes 39 7.4 Øresund ORE_310 2012, March Yes 34 6.0 Øresund ORE_313 2012, March Yes 34 6.0 Øresund ORE_315 2012, March Yes 34 6.0 Øresund ORE_315 2012, March Yes 49 9.3 Øresund ORE_317 2012, March Yes 36 6.6 Øresund ORE_322 2012, March Yes		North East Arctic	LOF_M_14_62	2014, March	Yes	50	9.4
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		North East Arctic	LOF_M_14_68	2014, March	Yes	38	7.2
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		Øresund	ORE_301	2012, March	Yes	44	8.2
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		Øresund	ORE_302	2012, March	Yes	42	1.1
Øresund ORE_308 2012, March Yes 33 6.0 Øresund ORE_309 2012, March Yes 45 8.4 Øresund ORE_310 2012, March Yes 39 7.4 Øresund ORE_313 2012, March Yes 39 7.4 Øresund ORE_313 2012, March Yes 105 19.8 Øresund ORE_314 2012, March Yes 34 6.0 Øresund ORE_315 2012, March Yes 34 6.0 Øresund ORE_315 2012, March Yes 34 6.0 Øresund ORE_316 2012, March Yes 38 7.1 Øresund ORE_317 2012, March Yes 36 6.6 Øresund ORE_322 2012, March Yes 33 6.0 Øresund ORE_323 2012, March Yes 33 6.0 Øresund ORE_325 2012, March Yes 5		Øresund	ORE_303	2012, March	Yes	40	/.6
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		Øresund	ORE_308	2012, March	Yes	33	6.0
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		Øresund	ORE_309	2012, March	Y es	45	8.4
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		Øresund	ORE_310	2012, March	Y es	39	/.4
Øresund ORE_314 2012, March Yes 34 6.0 Øresund ORE_315 2012, March Yes 25 4.7 Øresund ORE_316 2012, March Yes 49 9.3 Øresund ORE_317 2012, March Yes 38 7.1 Øresund ORE_318 2012, March Yes 36 6.6 Øresund ORE_322 2012, March Yes 33 6.0 Øresund ORE_323 2012, March Yes 33 6.0 Øresund ORE_322 2012, March Yes 52 9.7 Øresund ORE_325 2012, March Yes 46 8.6 Øresund ORE_326 2012, March Yes 39 7.2 Øresund ORE_331 2012, March Yes 50 9.3		Øresund	ORE_313	2012, March	Yes	105	19.8
Oresund ORE_313 2012, March res 25 4.7 Øresund ORE_316 2012, March Yes 49 9.3 Øresund ORE_317 2012, March Yes 38 7.1 Øresund ORE_318 2012, March Yes 36 6.6 Øresund ORE_322 2012, March Yes 33 6.0 Øresund ORE_323 2012, March Yes 52 9.7 Øresund ORE_325 2012, March Yes 46 8.6 Øresund ORE_326 2012, March Yes 39 7.2 Øresund ORE_321 2012, March Yes 50 9.3		Quesund 1	ORE_314	2012, March	I es	54 25	0.0
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Øresund ORE_322 2012, Match Fes 55 6.0 Øresund ORE_323 2012, Match Yes 52 9.7 Øresund ORE_325 2012, Match Yes 46 8.6 Øresund ORE_326 2012, Match Yes 39 7.2 Øresund ORE_331 2012, Match Yes 50 9.3		Ørecund	ORE 210	2012, Watch	I CS Vec	22	6.0
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Øresund ORE_321 2012, March Yes 50 9.3		Øresund	ORE 325	2012, March	I CS Vec	40	0.0 7 2
KALSUNA OKE_551 2012, Walcii I es 50 9.5		Ørecund	ORE 221	2012, March	Vec	59	0.2
	-	wiesullu	UKE_331	2012, Waltin	1 08	50	7.3

Øresund	ORE_332	2012, March	Yes	49	9.2
Øresund	ORE_333	2012, March	Yes	48	8.9
Øresund	ORE_336	2012, March	Yes	41	7.7
Øresund	ORE_341	2012, March	Yes	45	8.4
North Sea	SOD_01	2002, March	Yes	43	8.3
North Sea	SOD_02	2002, March	Yes	46	8.8
North Sea	SOD_03	2002, March	Yes	44	8.3
North Sea	SOD_04	2002, March	Yes	55	10.4
North Sea	SOD_06	2002, March	Yes	45	8.7
North Sea	SOD_07	2002, March	Yes	46	8.8
North Sea	SOD_08	2002, March	Yes	42	8.1
North Sea	SOD_09	2002, March	Yes	49	9.4
North Sea	SOD_10	2002, March	Yes	42	8.1
North Sea	SOD_13	2002, March	Yes	43	8.3
North Sea	SOD_14	2002, March	Yes	48	9.2
North Sea	SOD_15	2002, March	Yes	45	8.5
North Sea	SOD_17	2002, March	Yes	46	8.7
North Sea	SOD_19	2002, March	Yes	47	8.8
North Sea	SOD_20	2002, March	Yes	39	7.2
North Sea	SOD_21	2002, March	Yes	45	8.3
North Sea	SOD_22	2002, March	Yes	46	8.8
North Sea	SOD_23	2002, March	Yes	44	8.4
North Sea	SOD_25	2002, March	Yes	45	8.6
North Sea	SOD 26	2002, March	Yes	53	10.0
North Sea	SOD_27	2002, March	Yes	51	9.0
North Sea	SOD_28	2002, March	Yes	46	8.6
North Sea	SOD_29	2002, March	Yes	46	8.8
North Sea	SOD 30	2002, March	Yes	42	7.6

DNA extraction and library creation of ancient Atlantic cod samples

All extraction and library protocols were performed in a dedicated laboratory at the Department of Biosciences, University of Oslo following strict aDNA precautions (79, 80). This is a laboratory that is physically separated from the modern DNA laboratories and in which no modern samples have ever been processed. Extraction of ancient Atlantic cod bones (n = 19) used a combined bleach and pre-digestion protocol (54). Each sample was exposed to UV for 10 minutes on each side, resulting in a total dosage of 4800 J/m2 before being cut and milled to powder. Then, for each sample, two times 150-200 mg of bone powder (milled in a Retsch MM400) was incubated in 0.5% bleach solution for 15 min (94). The samples were subsequently washed with H₂O and the remaining bone powder was exposed to a 30-minute pre-digestion treatment followed by an overnight, second digestion using a freshly prepared digestion buffer (95). Following the second digestion, the two eluates were combined and concentrated (Amicon-30kDA Centrifugal Filter Units) after which DNA was extracted using Qiagen Minelute columns according to manufacturer's instructions. DNA was eluted in 60 µl pre-heated (60°C) EB buffer with a 15 min incubation at 37°C. Negative controls were included in all extraction experiments. Blunt-end Illumina libraries were built (81), following (20) and ligated DNA was amplified using sample-specific seven base-pair indexes in the P7 primer to allow multiplexing. PCRs were done in 15 µl (2.5 U PfuTurbo Cx Hotstart DNA Polymerase (Agilent Technologies), 1x buffer, 0.2 mM per dNTP, 0.2 µM P7 index primer, 0.2 µM P5 IS4 primer and 0.4 mg/ml BSA) for 13 cycles (2 min at 95°C, 13 cycles of 30s at 95°C, 30s at 60°C and 70s at 72°C with a final extension of 10 min at 72°C). Amplified products were cleaned using Agencourt® AMPure XP beads at a 1:1.7 ratio, eluted in 30 µl in EB buffer and quantified using a Bioanalyzer 2100 (Agilent). Libraries were sequenced on an Illumina Hiseq 2500 at the Norwegian Sequencing Centre (125 bp paired-end) and demultiplexed allowing zero mismatches in the index tag.