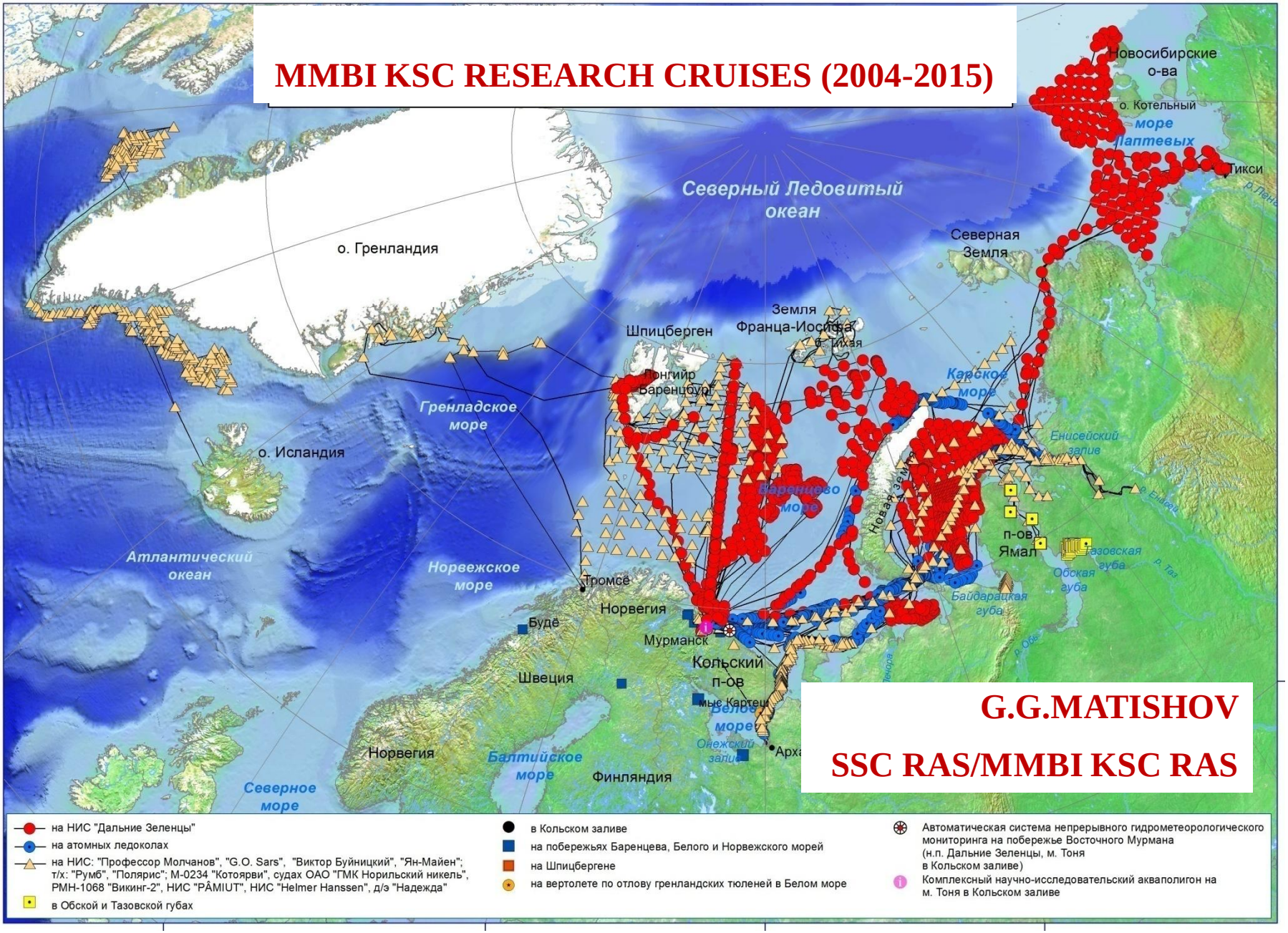
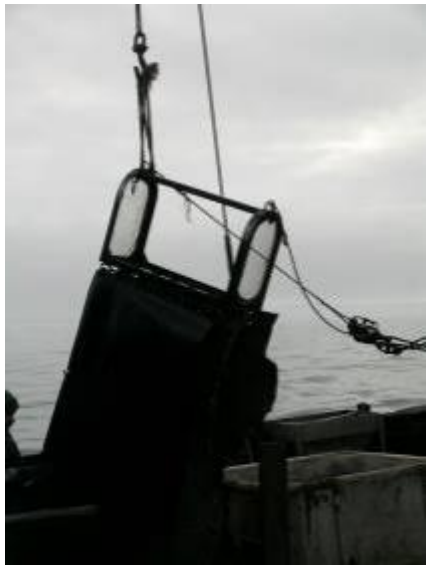
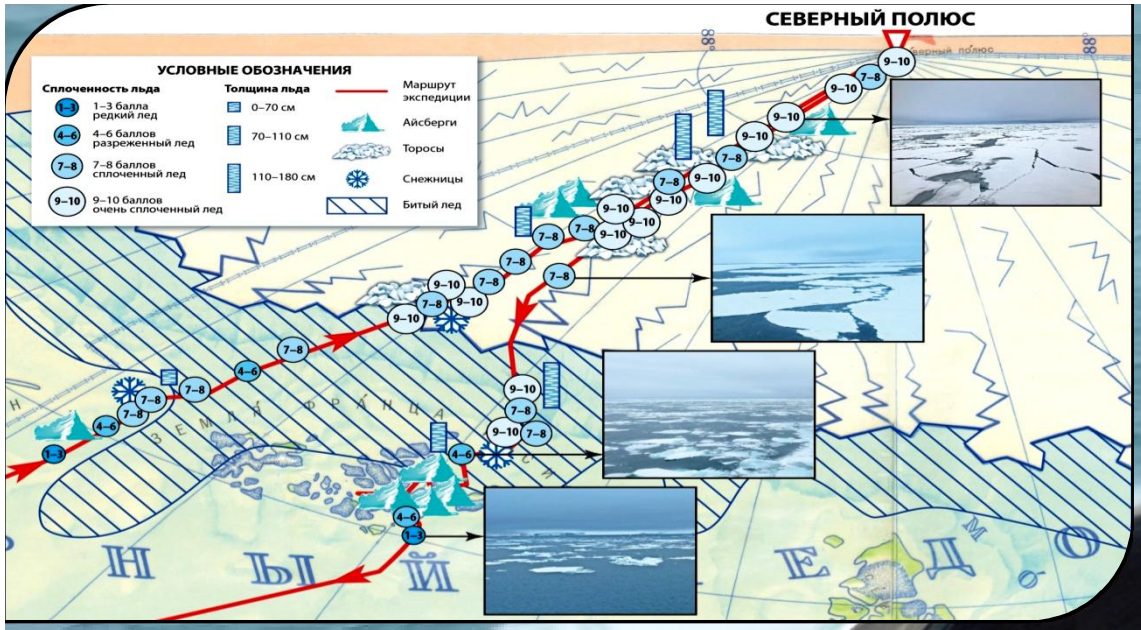

MMBI KSC RESEARCH CRUISES (2004-2015)
Новосибирские о-ва
о. Котельный
море Лаптевых
Тикси
Северный Ледовитый океан
о. Гренландия
Северная Земля
Земля Франца-Иосифа
Шпицберген
Лонгйир
Баренцбург
Карское море
Гренландское море
о. Исландия
Енисейский залив
Баренцево море
Новая Земля
п-ов Ямал
Газовская губа
Обская губа
Байдарацкая губа
Атлантический океан
Норвежское море
Тромсё
Норвегия
Будё
Мурманск
Швеция
Кольский п-ов
мыс Картеш
Белое море
Онежский залив
Архангельск
Норвегия
Балтийское море
Финляндия
Северное море
G.G.MATISHOV
SSC RAS/MMBI KSC RAS
на НИС "Дальние Зеленцы"
на атомных ледоколах
на НИС: "Профессор Молчанов", "G.O. Sars", "Виктор Буйницкий", "Ян-Майен"; т/х: "Румб", "Полярис"; М-0234 "Котоярви", судах ОАО "ГМК Норильский никель", РМН-1068 "Викинг-2", НИС "PÂMIUT", НИС "Helmer Hanssen", д/э "Надежда"
в Обской и Тазовской губах
в Кольском заливе
на побережьях Баренцева, Белого и Норвежского морей
на Шпицбергене
на вертолете по отлову гренландских тюленей в Белом море
Автоматическая система непрерывного гидрометеорологического мониторинга на побережье Восточного Мурмана (н.п. Дальние Зеленцы, м. Тоня в Кольском заливе)
Комплексный научно-исследовательский аквополигон на м. Тоня в Кольском заливе

Zoo-benthos – An Indicator of Marine Ecosystems' Pollution and Climate Changes



FACTORS IMPACTING MARINE ECOSYSTEMS AND BIORESOURCES



78⁰30′ N.L.
34⁰26′ E.L.

Storm
4-5 points

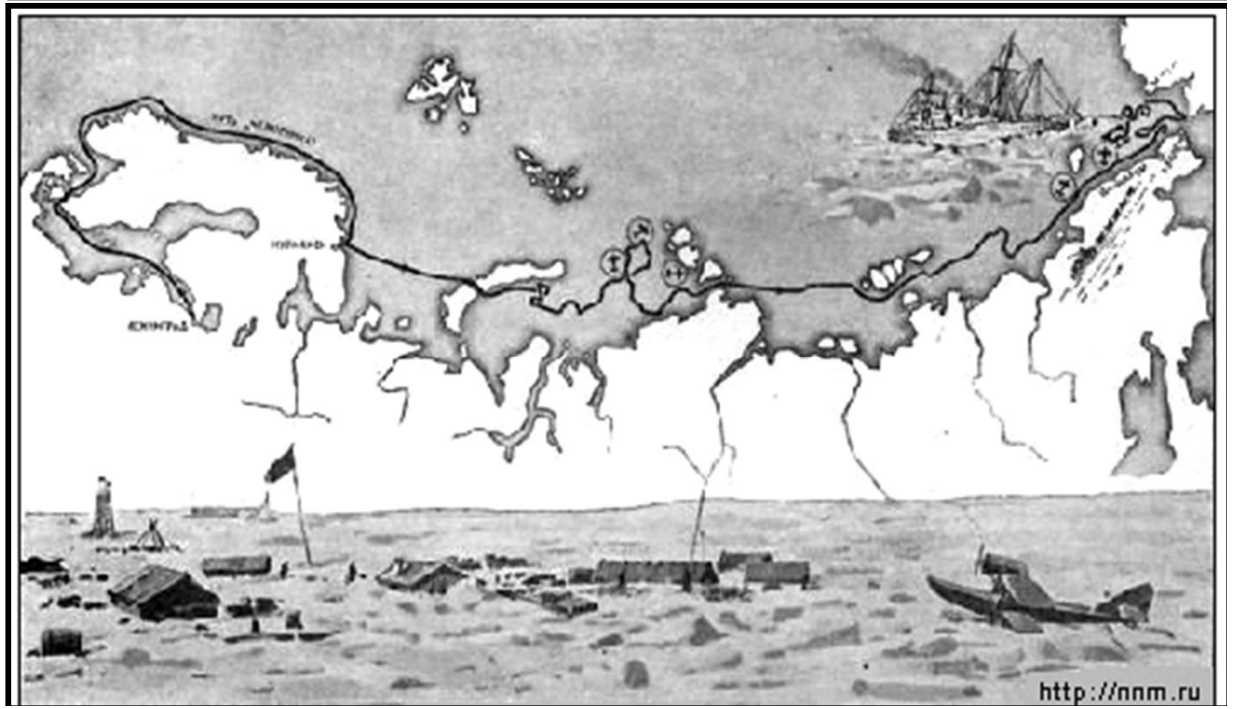
ICE-BREAKER «50 YEARS OF VICTORY»

Length, m	159.6
Width, m	30.0
Height, m	55.0
Side height at midship, m	17.2
Weight of hull and build-up, t	9 635
Capacity (maximum), t	25 800
Average draft, m	11.0

POLAR EXPLORERS (THE 19TH – EARLY 20TH CENTURY) AND CURRENT EXPEDITIONS IN THE ARCTIC (THE 21ST CENTURY)

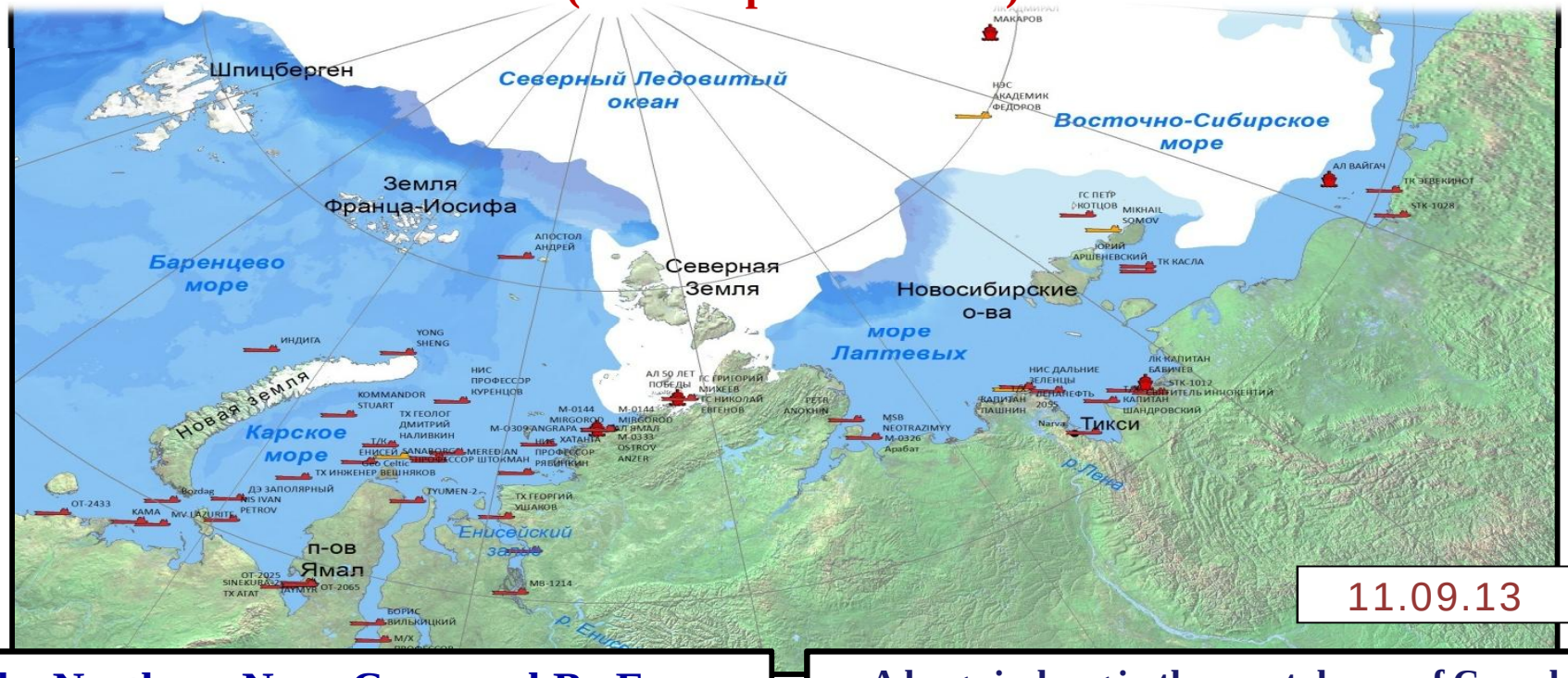
CRUISE OF THE CHELYUSKIN STEAMER ALONG THE NORTHERN SEA ROUTE

- *left the port of Murmansk -(2 August 1933)*
- *wrecked in the Chukchi Sea -(13 February 1934)*



The Ice Conditions In The Arctic

(11–12 September 2013)



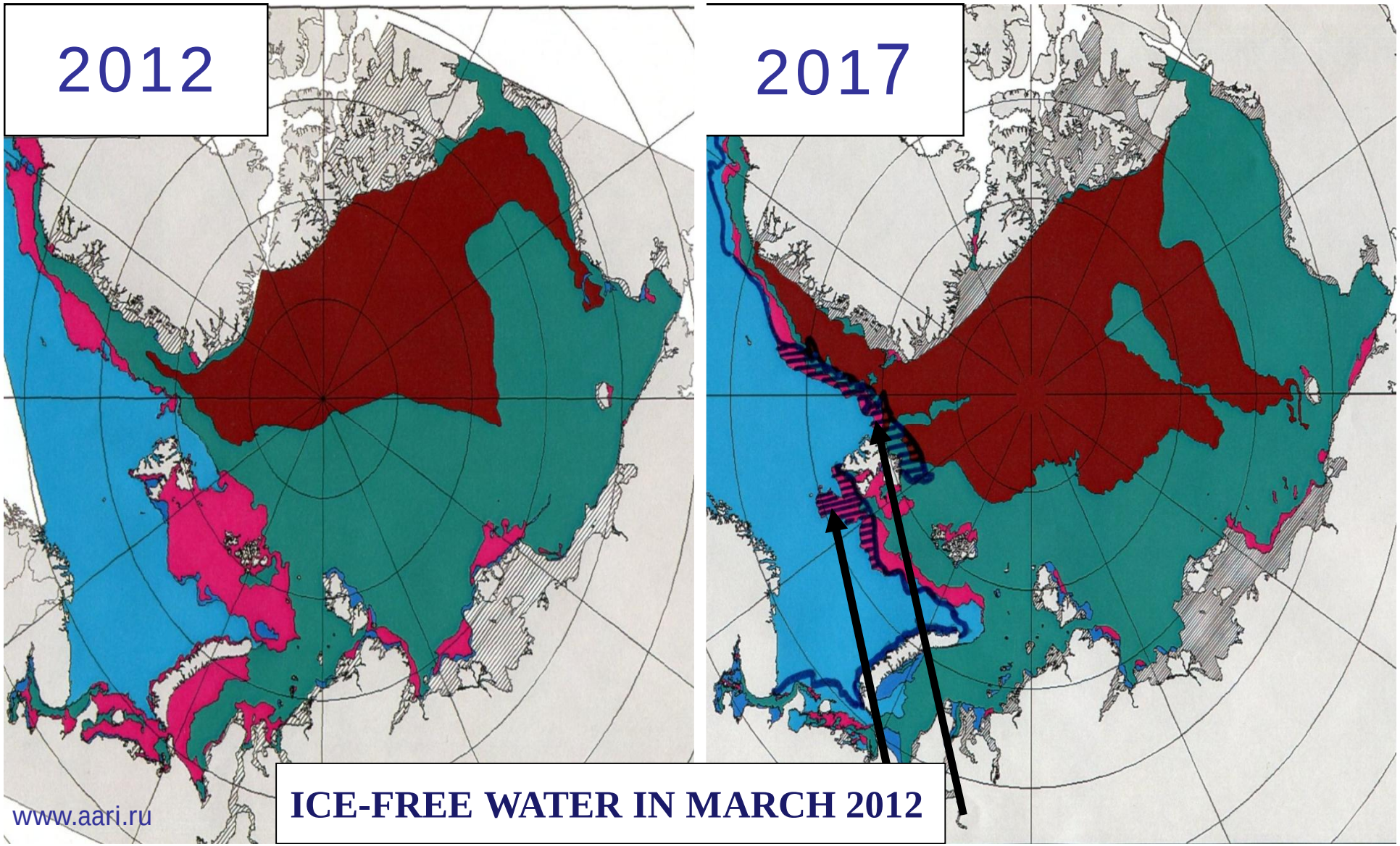
The Northern Navy Convoyed By Four Nuclear Icebreakers

(11–12 September 2013)

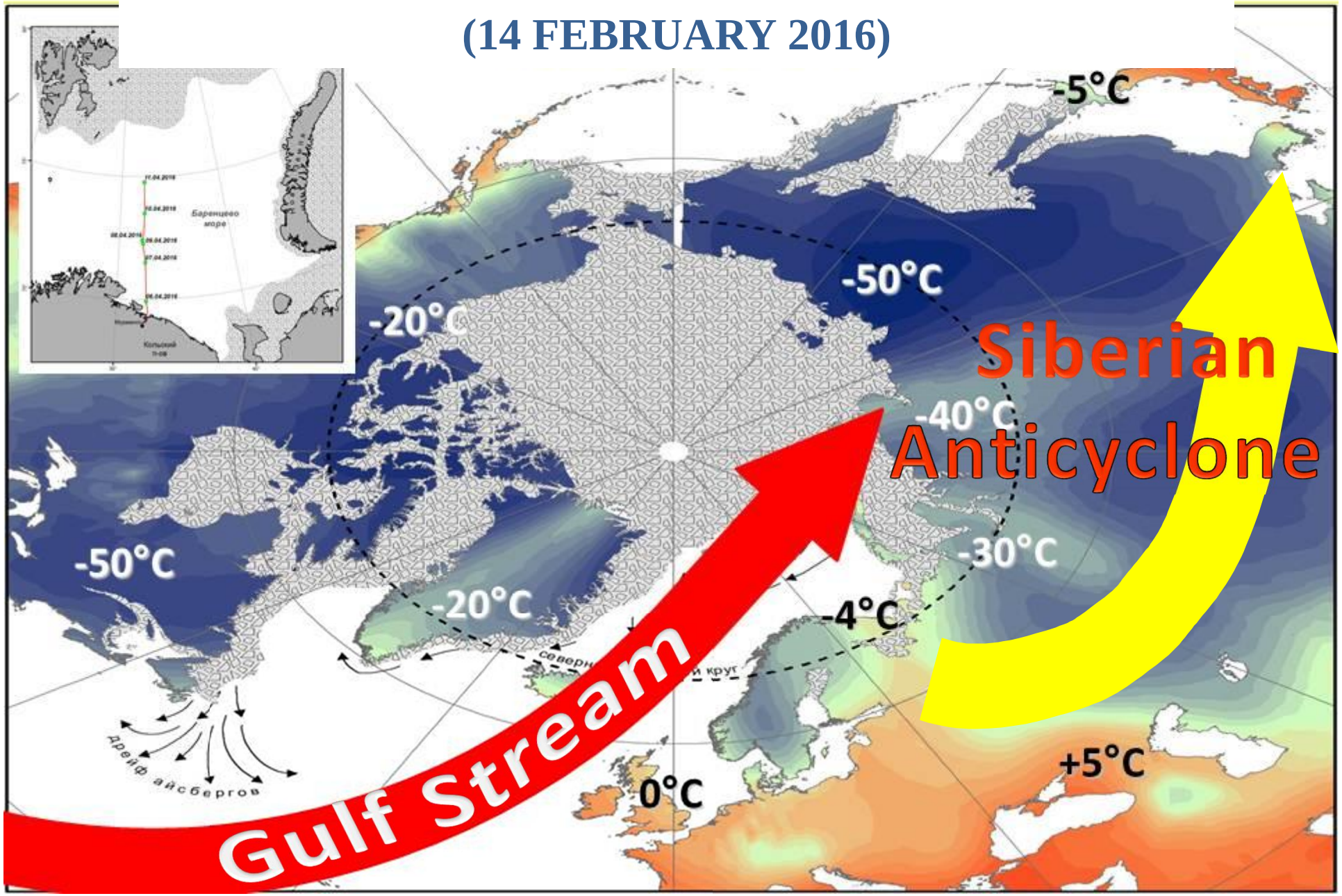
A large iceberg in the coastal area of Canada

(Ferryland, April 2017)

THE ICE CONDITIONS IN THE ARCTIC IN EARLY MARCH



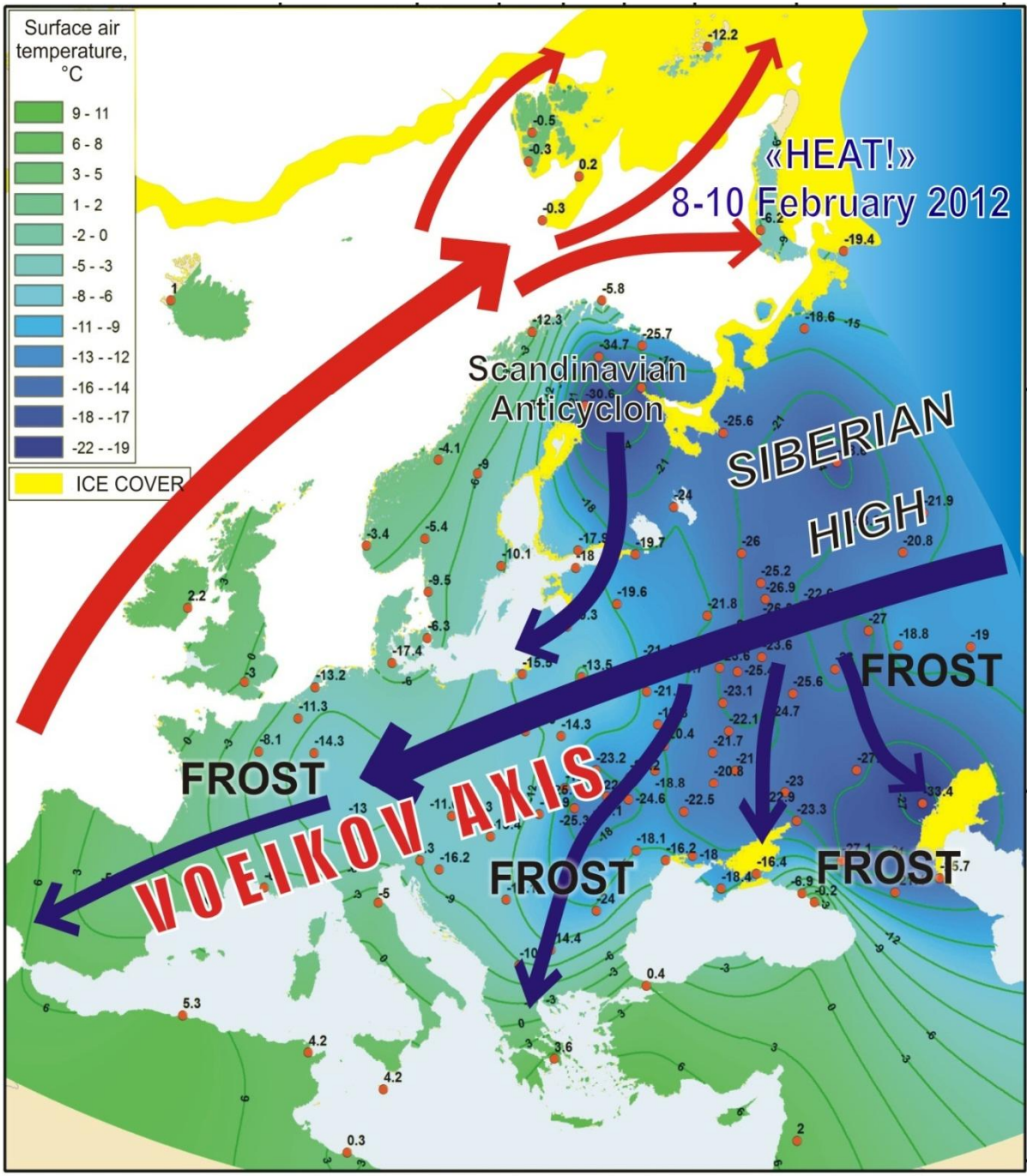
DISTRIBUTION OF NEAR-SURFACE AIR TEMPERATURE AND ICE COVER (14 FEBRUARY 2016)

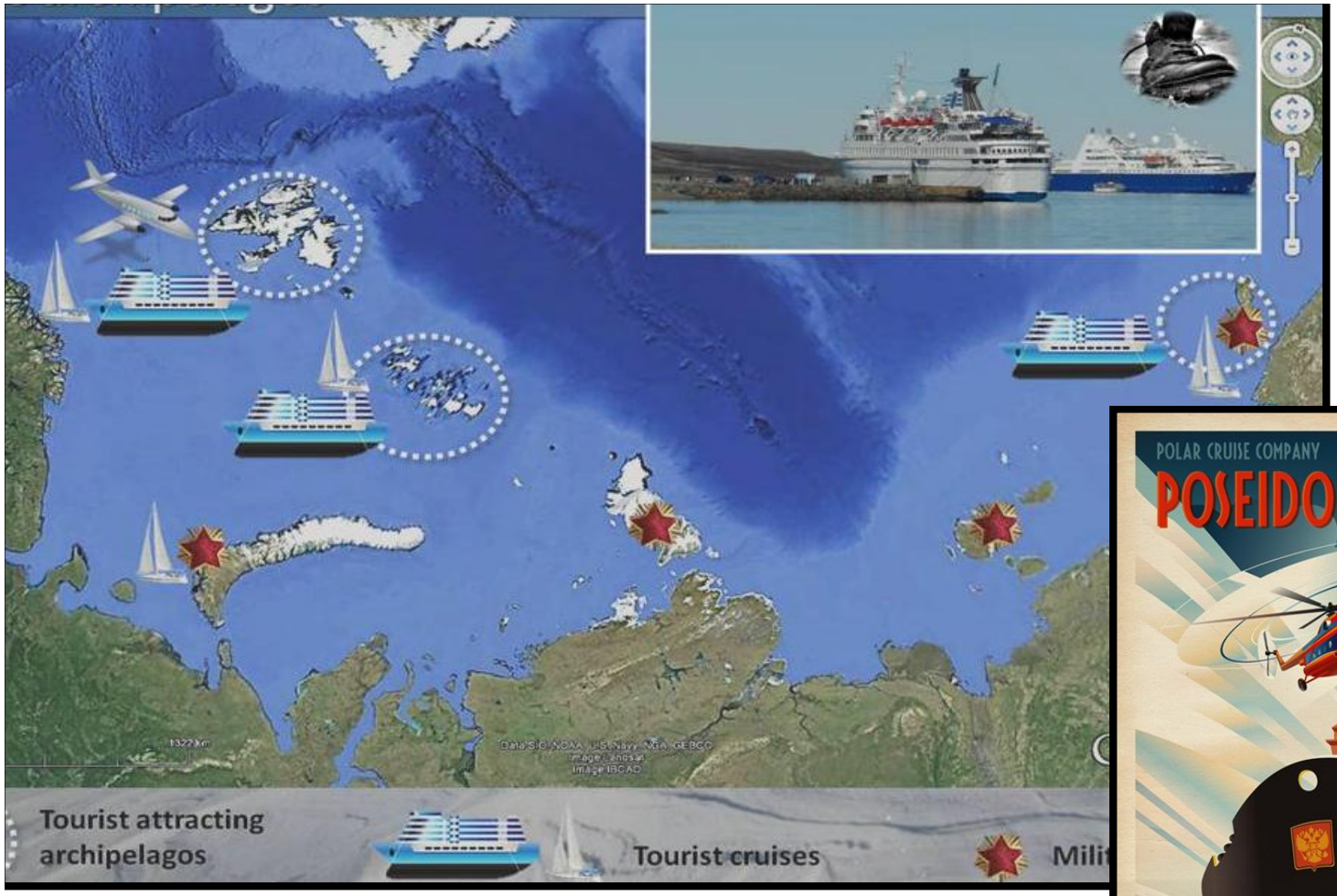


ABNORMAL ADVECTION

of the Western spur of the Siberian Anticyclone towards the Pyrenees and of the Gulf Stream towards the Franz Josef Land

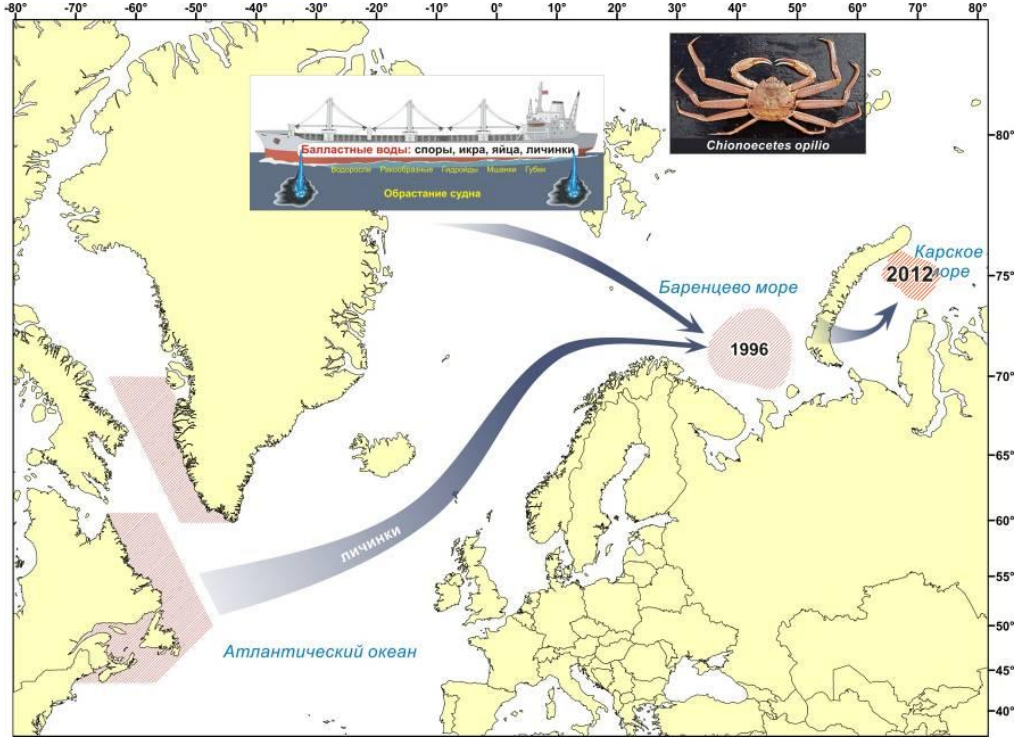
February 2012





THE IMPACT OF HUMAN FACTORS ON TERRESTRIAL ECOSYSTEMS OF THE ARCTIC ARCHIPELAGOS

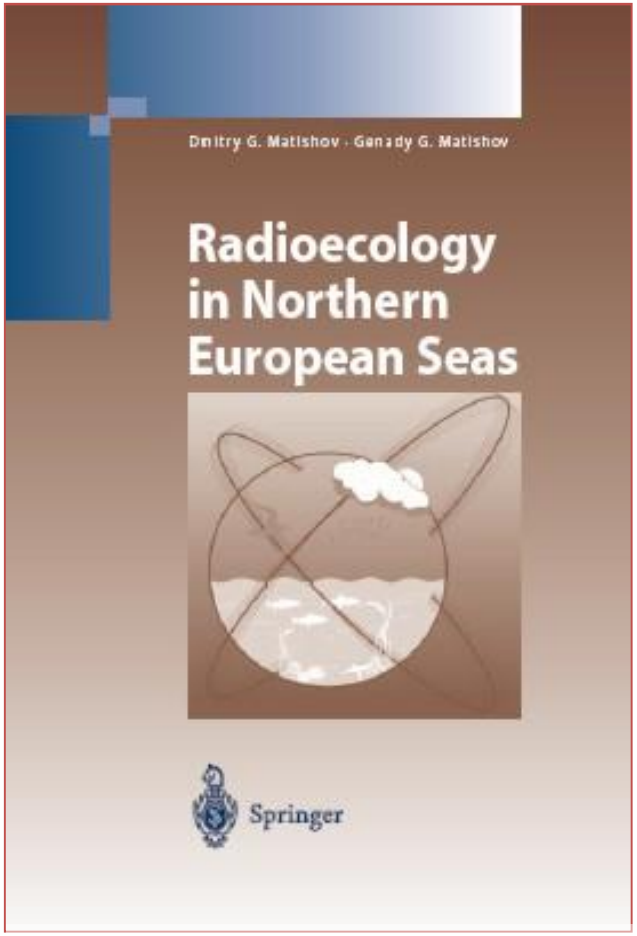
MARINE SHIPPING, RIVER-SEA TRANSPORTATION, AND ALIEN SPECIES' INTRODUCTION

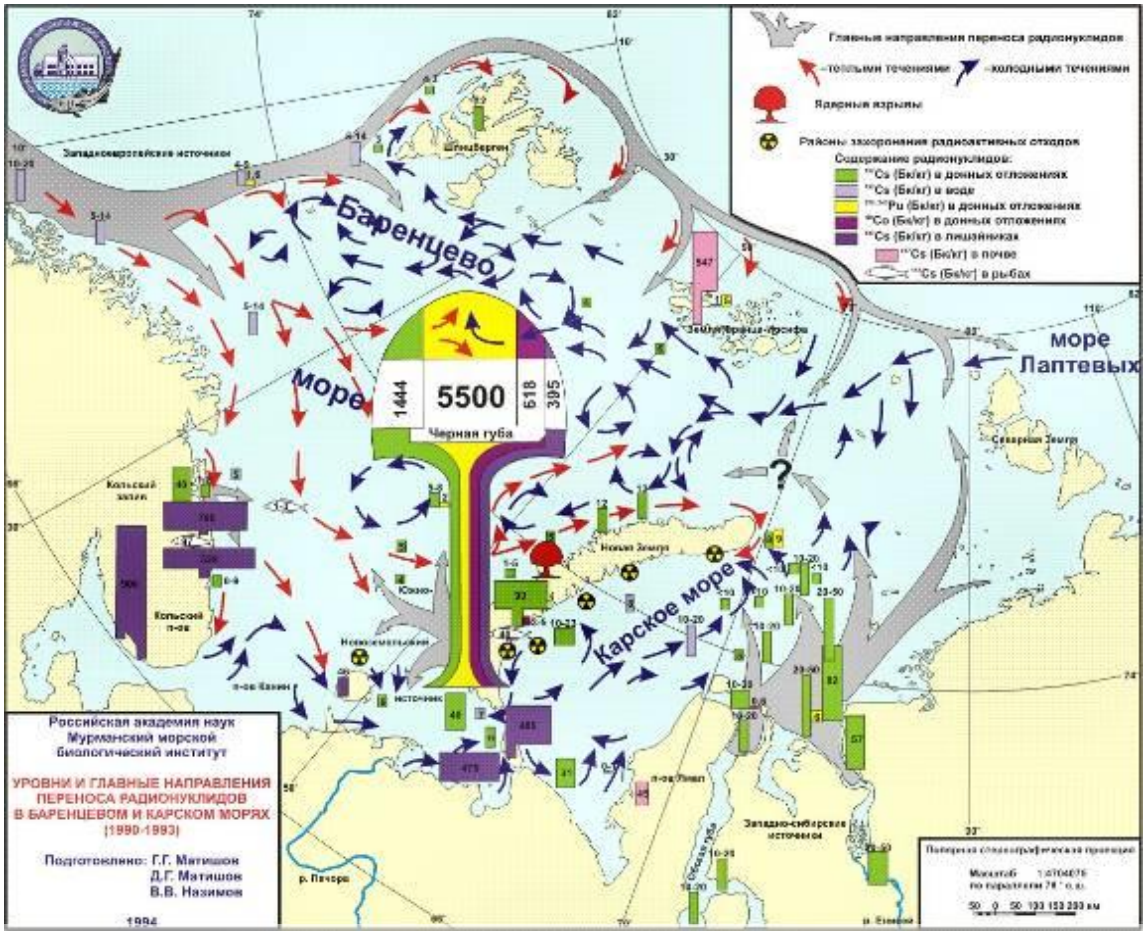


Supposed routes of snow crab *Chionoecetes opilio* larvae penetration into the Barents and Kara Seas

Radionuclide Levels and Major Transfer Directions in the Barents and Kara Seas

(Radionuclide Levels and Major Transfer Directions in the Barents and Kara Seas. Scale 1:4 704 075/ Edit. Matishov G.G., Matishov D.G., Nazimov V.V. Rovaniemi (Finland), 1994.)

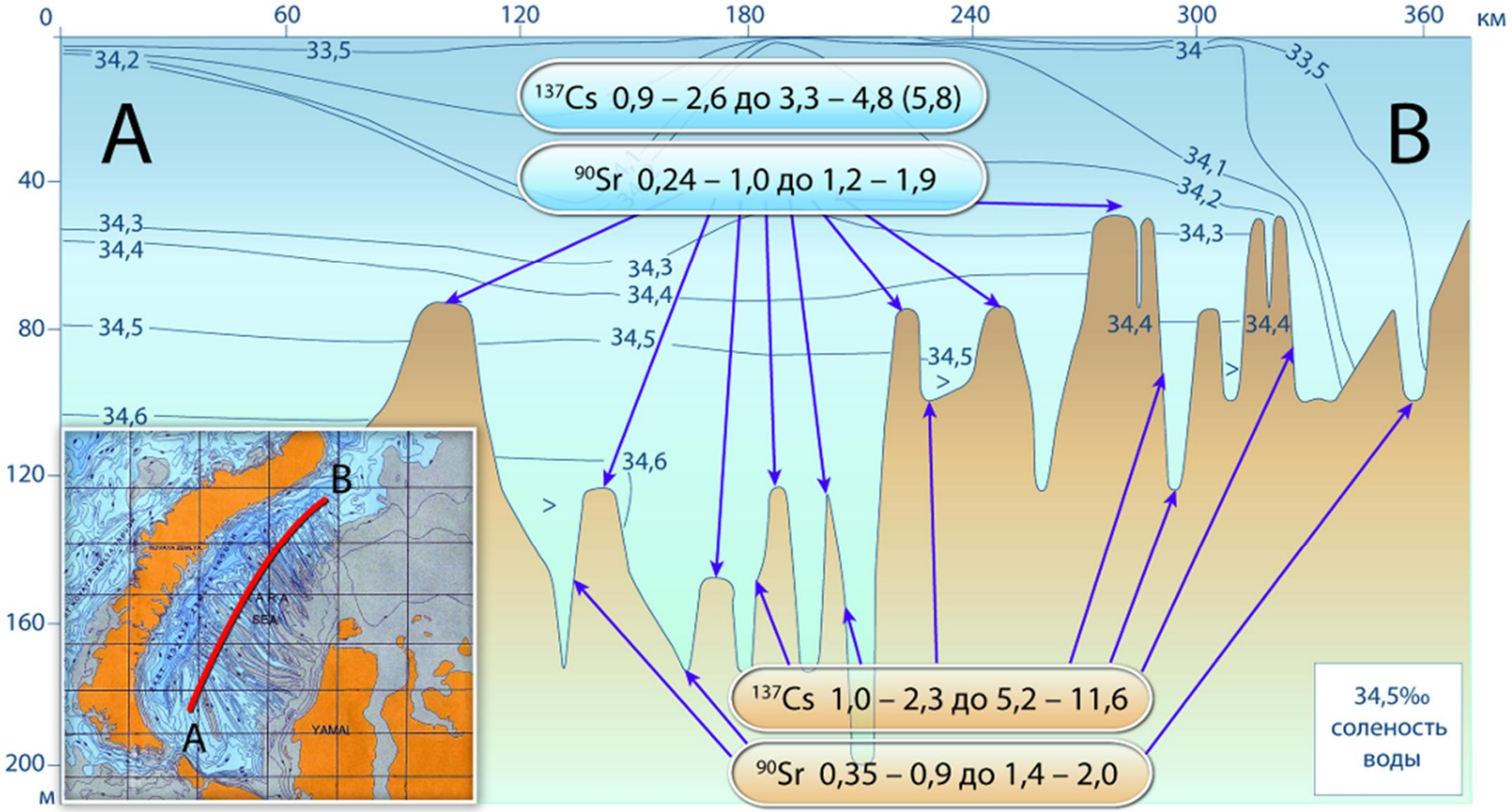




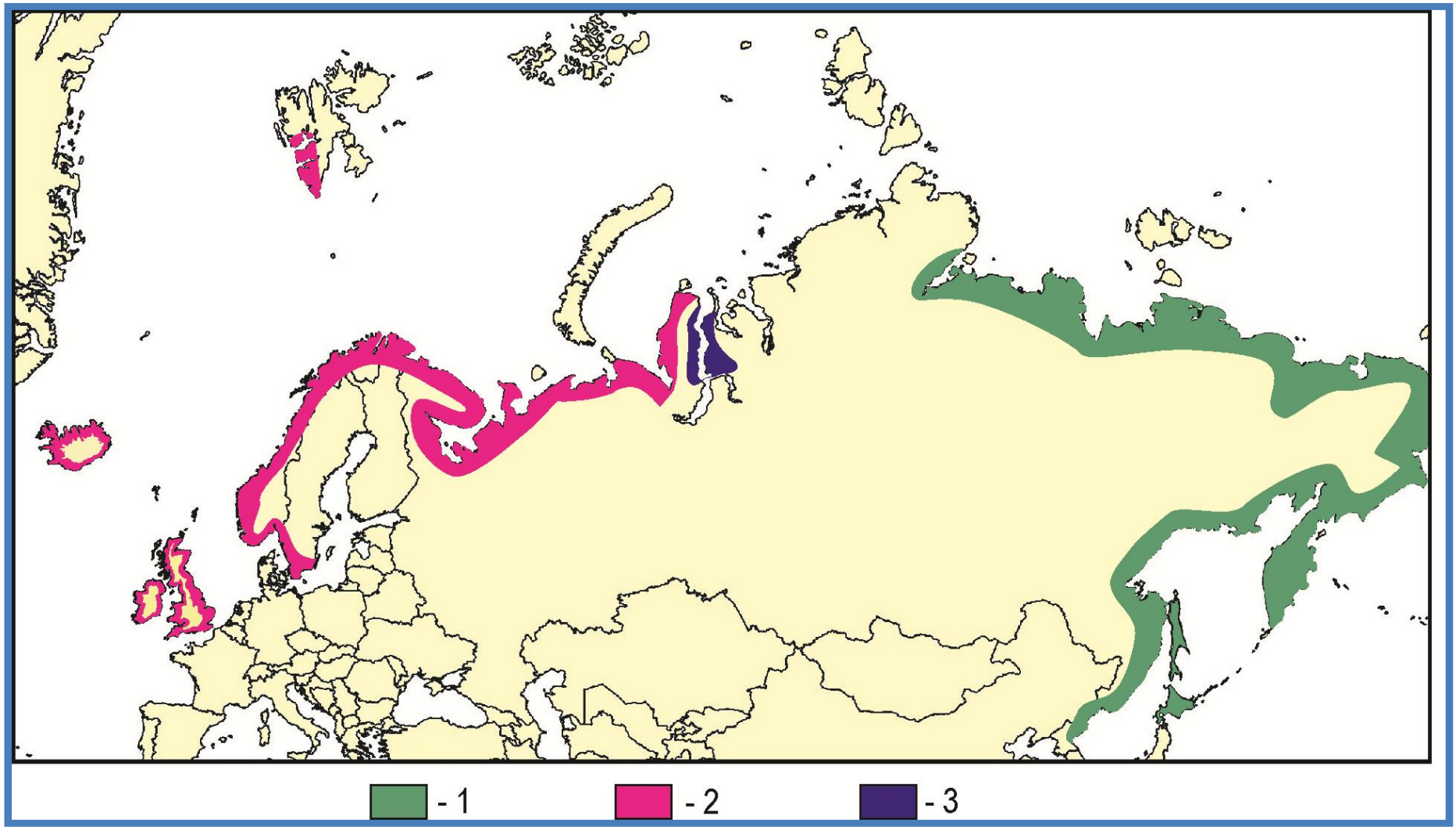
Матишов Г.Г. и др. СТРУКТУРА ПОТОКОВ РАДИОНУКЛИДОВ В АЗОВСКОМ МОРЕ (1986-2000 ГГ.)//ИЗВЕСТИЯ РАН, 2004, (3)

Матишов Г. Г. и др. ЕСТЕСТВЕННОЕ СНИЖЕНИЕ УРОВНЯ ИСКУССТВЕННЫХ РАДИОНУКЛИДОВ В БАРЕНЦЕВОМ МОРЕ//ДАН, 2009, 427 (4)

Dependence of ^{137}Cs and ^{90}Sr concentrations in bottom sediments (Bq/kg) on the relief



DISTRIBUTION OF HUMPBACK SALMON IN EURASIA

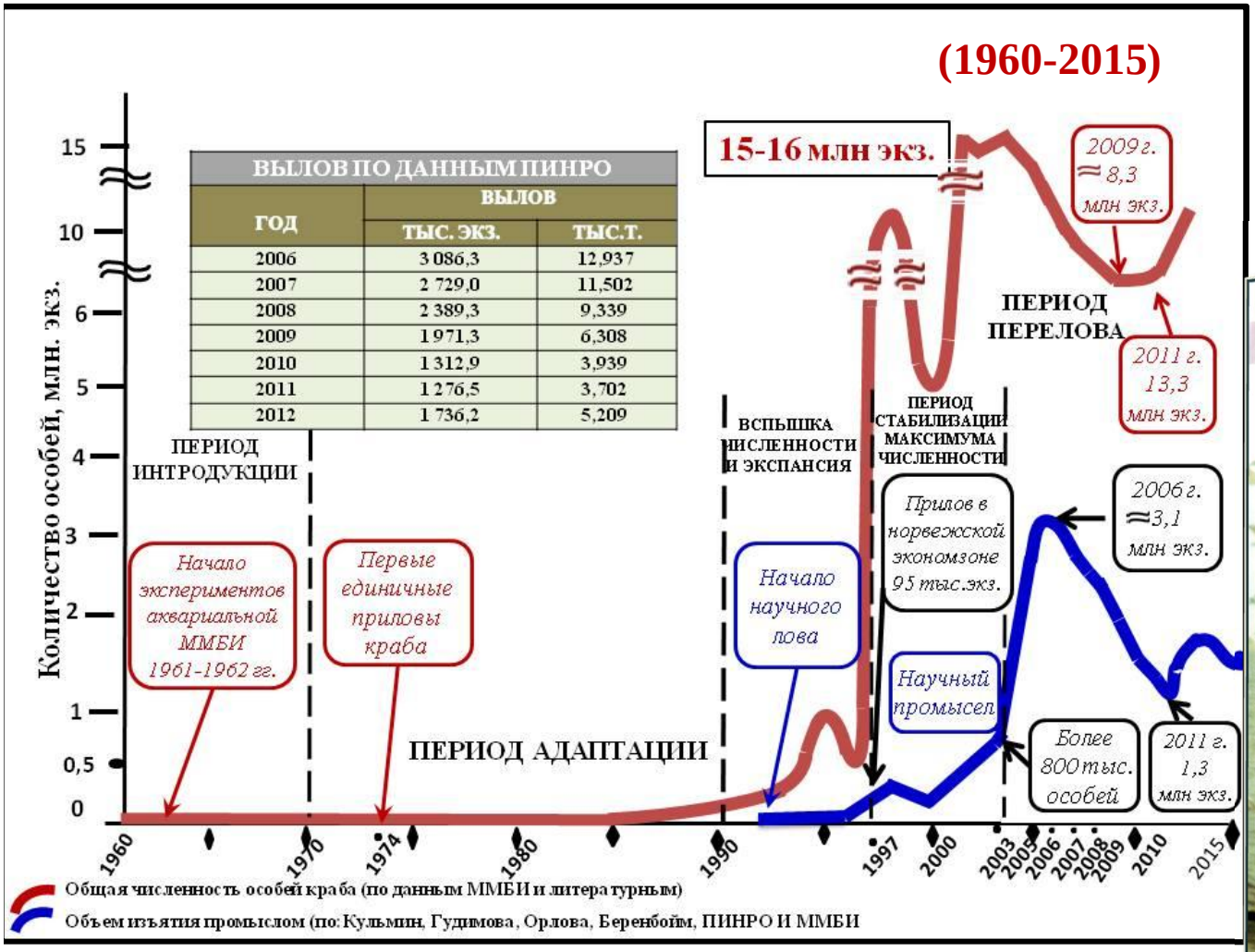


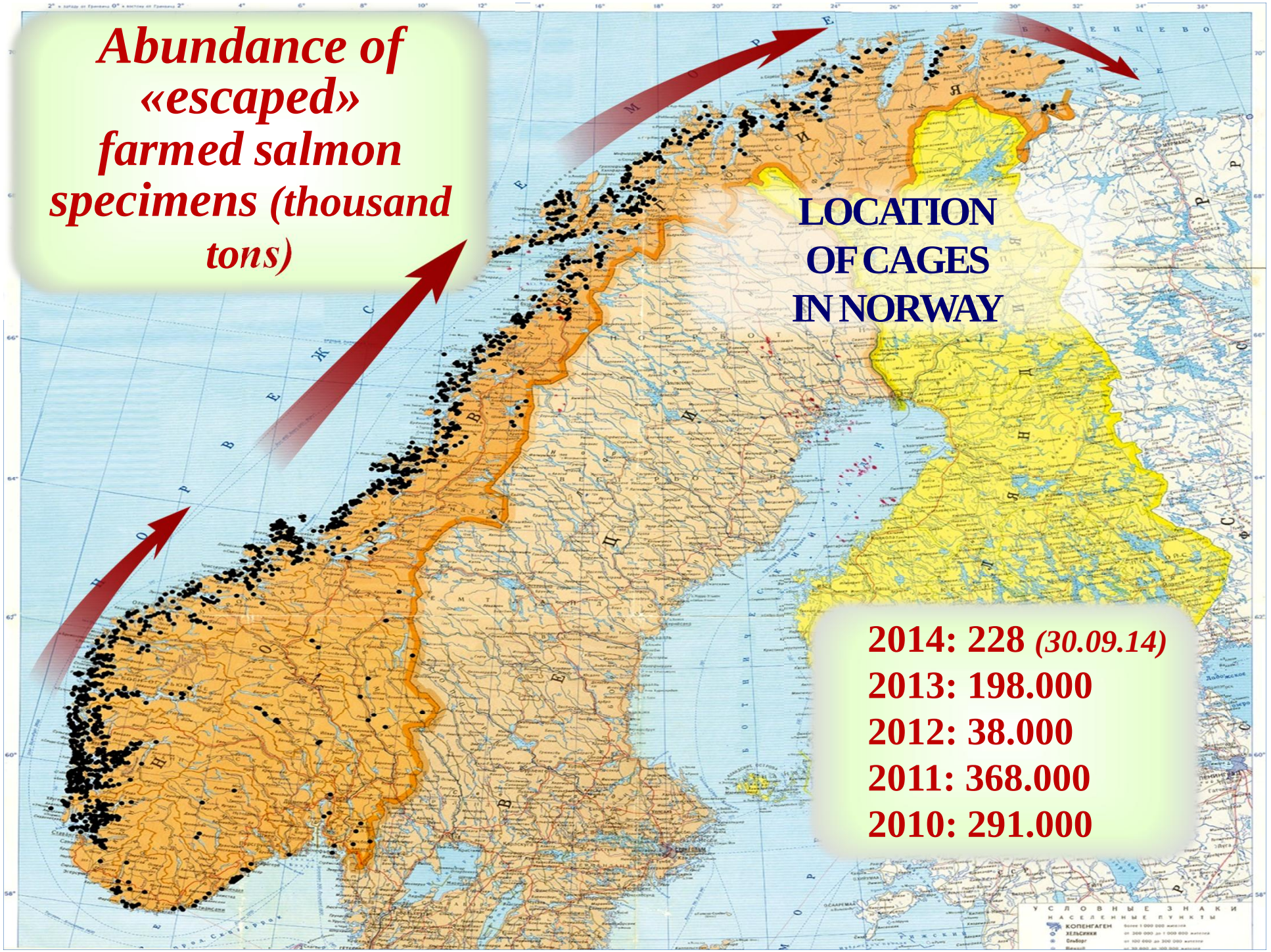
1 – Natural geographic range, 2 – Area of acclimatized species' distribution, 3 – Geographic range, inhabited by humpback salmon during the last years (Geographic range of unknown origin)

THE RED KING (KAMCHATKA) CRAB ACCLIMATIZATION AND OVERFISHING IN THE BARENTS SEA

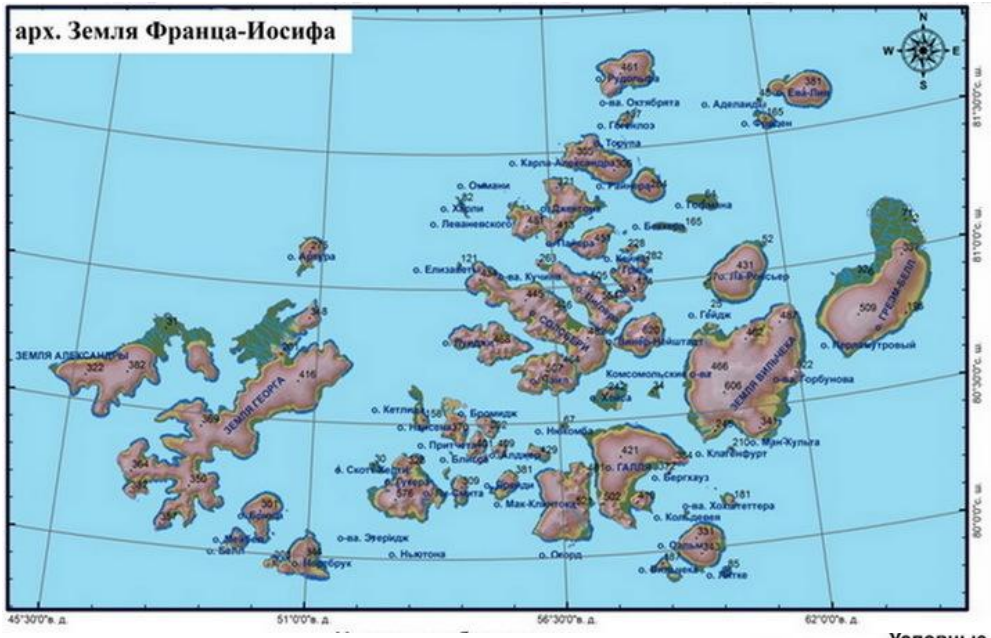
(1960-2015)

ВЫЛОВ ПО ДАННЫМ ПИНРО		
ГОД	ВЫЛОВ	
	ТЫС. ЭКЗ.	ТЫС.Т.
2006	3 086,3	12,937
2007	2 729,0	11,502
2008	2 389,3	9,339
2009	1 971,3	6,308
2010	1 312,9	3,939
2011	1 276,5	3,702
2012	1 736,2	5,209




Abundance of «escaped» farmed salmon specimens (thousand tons)
LOCATION OF CAGES IN NORWAY
2014: 228 (30.09.14)
2013: 198.000
2012: 38.000
2011: 368.000
2010: 291.000

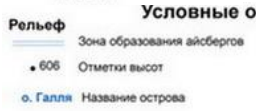
NATIONAL RESERVE «THE RUSSIAN ARCTIC»

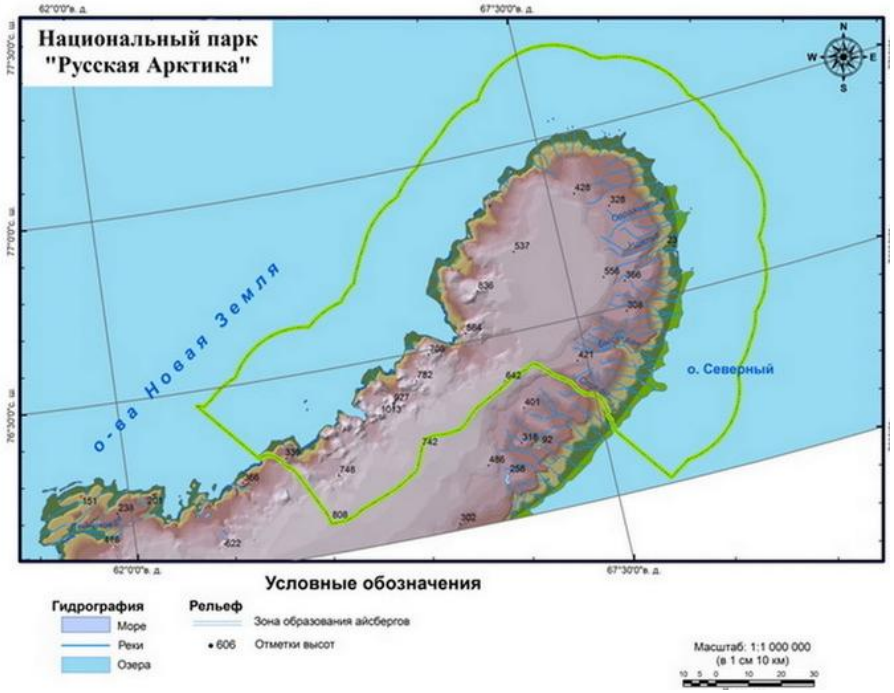


The Territory of the National Reserve/Park covers
Northern part of the Severnyi Island of the Novaya Zemlya Islands,
Large and Small Oransky Islands,
Loshkin Island,
Heemskerk Island,
the Franz Josef Land,
and a series of other islands.

Established: 15 June 2009

The total area of ***1 426 000 ha***, including land areas — **632 090 ha**, sea water areas — ***793 910 ha***





Director Mr. ***Aleksandr G. Kirilov***

Born in 1982 in Arkhangelsk. Graduated from the Pomor State University named after M.V. Lomonosov (field: geography and biology). Worked for the TACIS International Project «Improvement of Drinking Water Quality in North-West Russia». From 2008 – at the State Ecological Inspection of Arkhangelsk Region. From 2010 to 2011 headed the Directorate of Especially Protected Natural Territories of Arkhangelsk Region. From 2011 – Deputy Director of the National Reserve/Park «The Russian Arctic», from April 2016 – Acting Director, since July 2017 – Director (instead of Roman Ershov).


Айсберг
Парусная яхта
ПТС «Мангазея»
6
Комплексная станция отбора проб
полярная станция
Птичий базар
Белая чайка
Кайра
Белый медведь
Морж
Кольчатая нерпа
Тюлень хохлач
Сайка
Северный Ледовитый океан
Земля Александры
Земля Георга
о. Рудольфа
о. Джексона
Белая Земля
о. Луиджи
о. Чамп
о. Ла-Ронсьер
о. Гукера
о. Хейса
Земля Вильчека
о. Греэм-Белл
о. Мак-Клинтока
о. Сольм
З Е М Л Я Ф Р А Н Ц А - И О С И Ф А
Баренцево море
3
4
5
6
50°E
60°
83°N
82°N
81°N
80°N
80°N
79°N
78°N
60°E
70°E
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