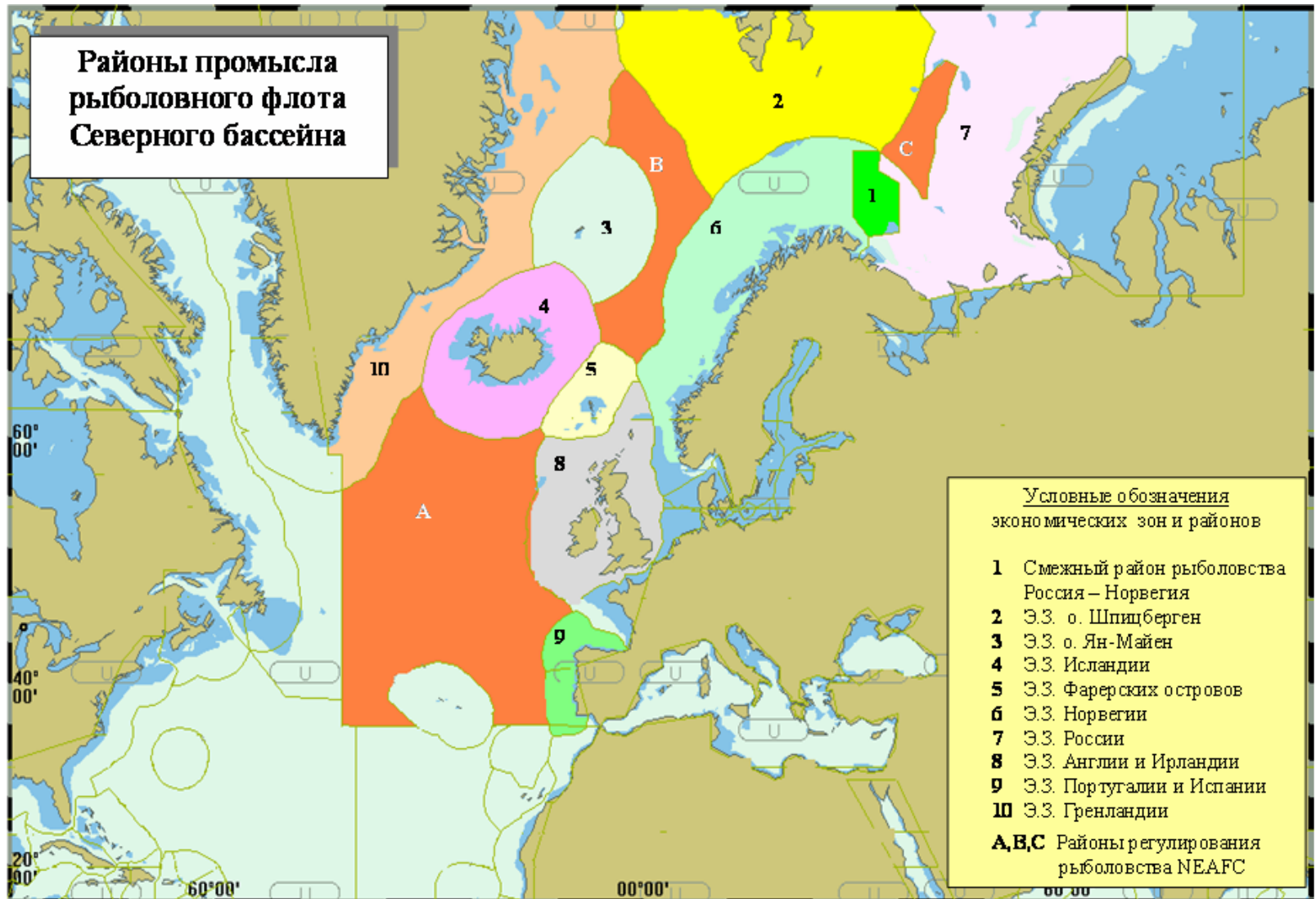


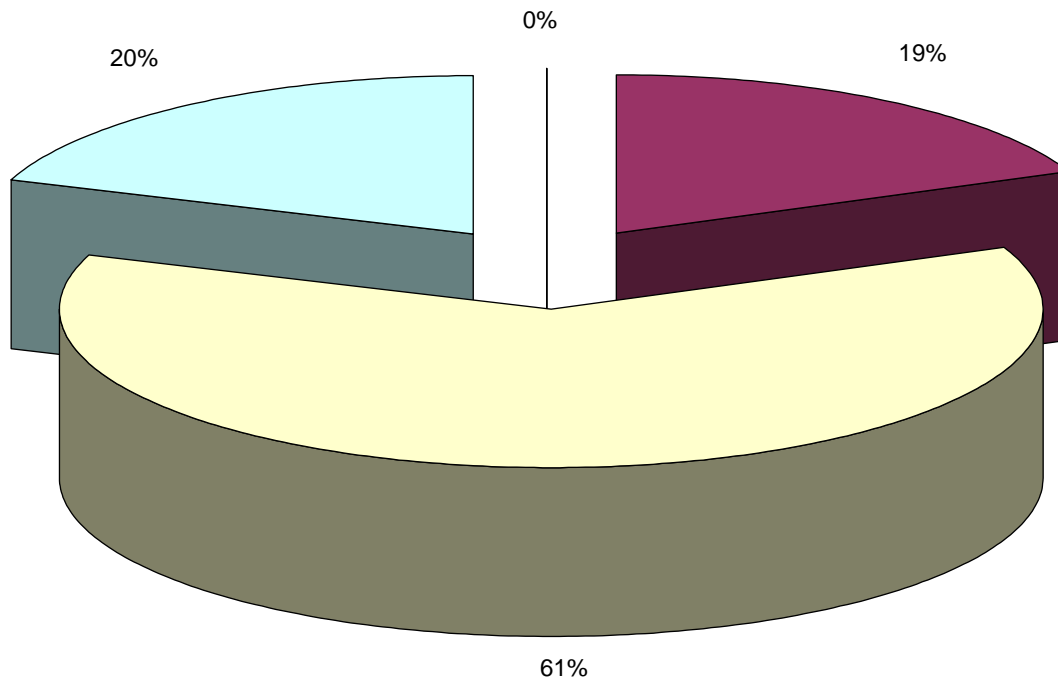
The fisheries industry in Murmansk region consists of more than **170 fishing enterprises and fish processing plants**. In Murmansk functions a fishery seaport, ship-repair enterprises, large scientific organizations and professional fishery schools.

The basis of the fishery complex are the fishing enterprises which realize catching of aquatic bioresources both in the coastal zone of the Kola Peninsula and in the areas of foreign countries and convention areas international waters.

## Fishing zones of the North Basin's fishing fleet

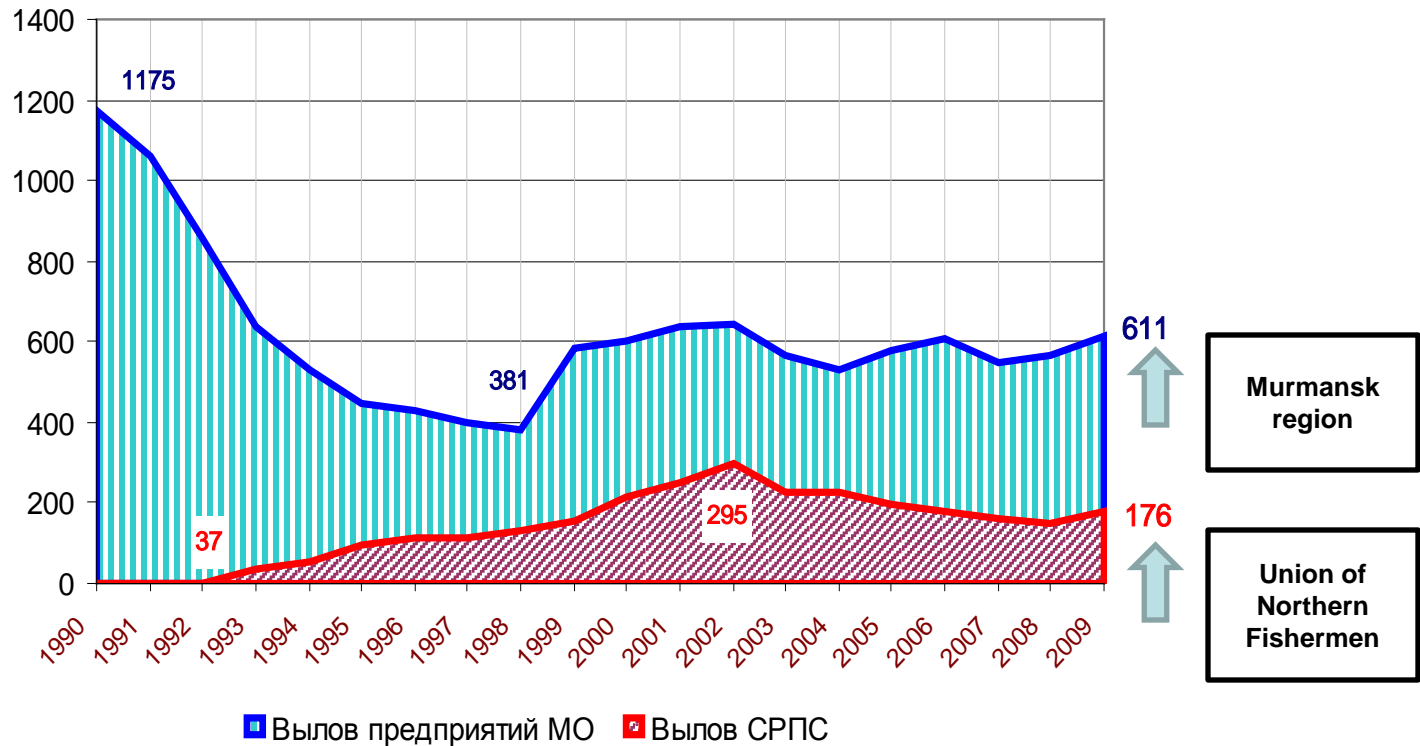


- Fishing zone of Russia
- 200-miles coastal waters of the foreign countries
- Open part of the ocean outside 200-miles

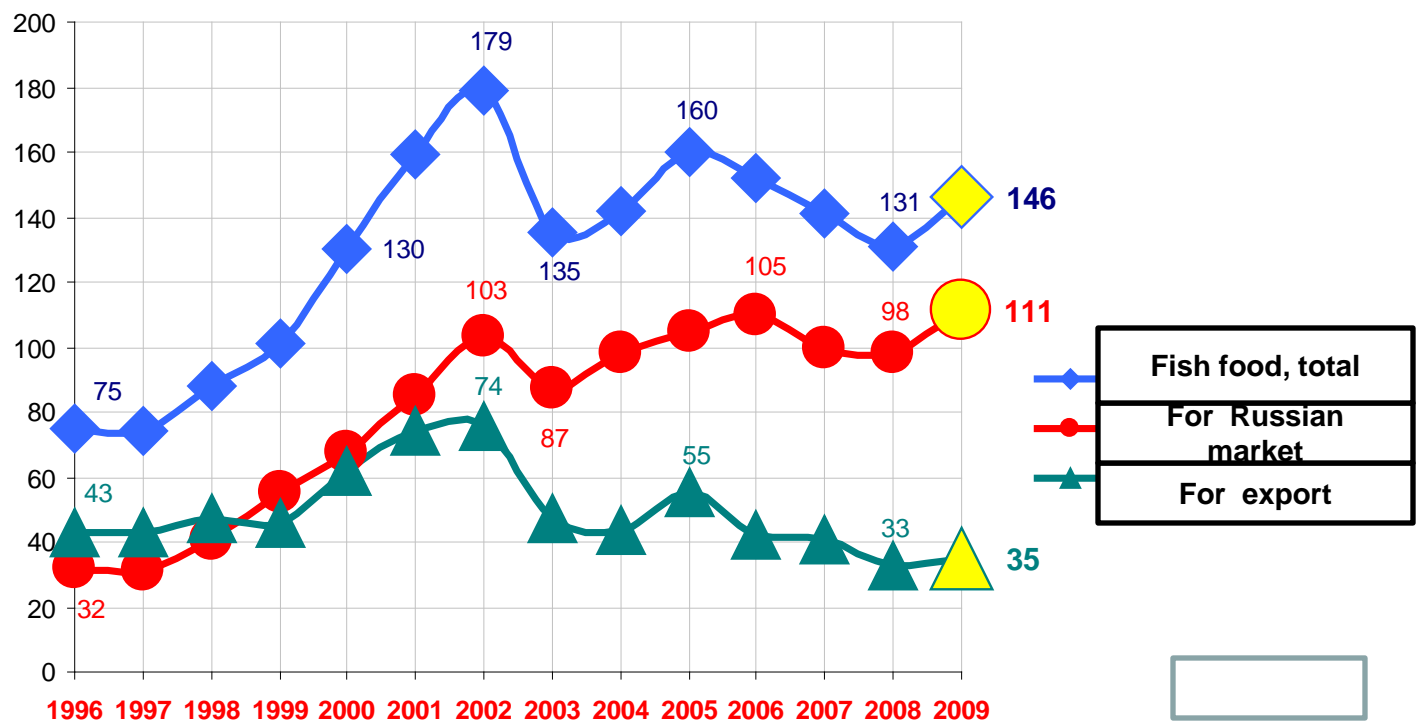


On the whole the situation in the region's fisheries sector has been stabilized after a decline in the late of 90-ies . Since 2008 the main production indices of the fisheries industry of the Murmansk region have exceeded the level of the previous year.

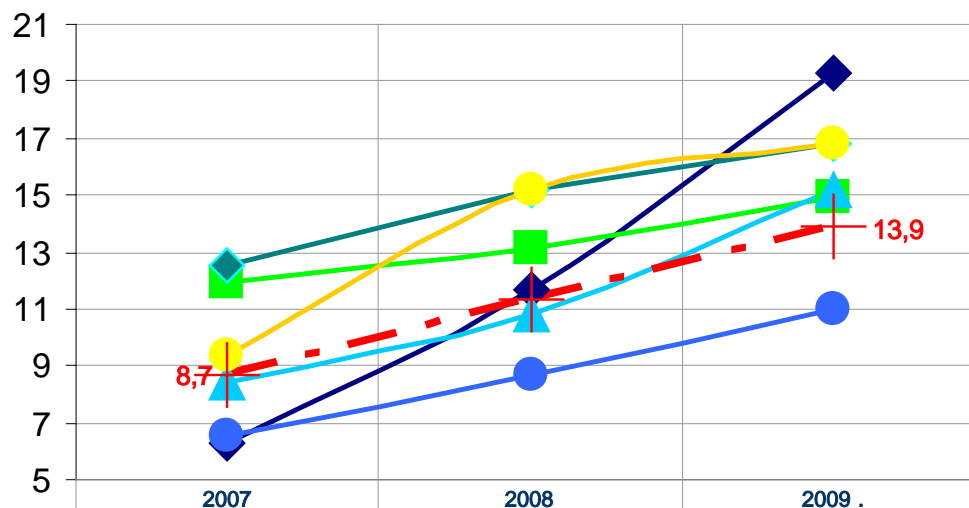
**Catch statistics by the enterprises of Murmansk region as a whole and including the Union of the Northern Fishermen over a period 1990-2009 ( thousand tons).**



# Dynamics of fish food output by the enterprises of the Union of the Northern Fishermen in 1996-2009 (thousand tons).



**Capacity of vessels (for one day fishing)  
fishing cod in the Barents and Norwegian Seas (tons).**  
**Red line = average catch (2009: 13,9 tons per vessel)**

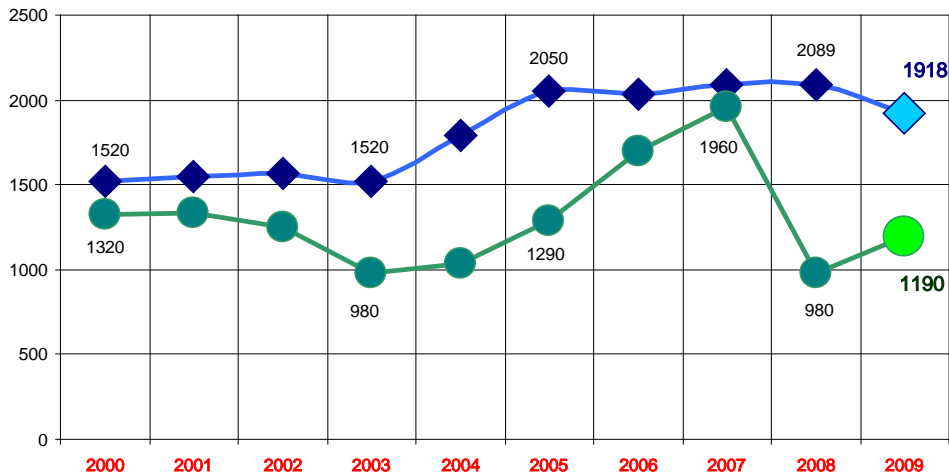


	2007	2008	2009 .
—◆— БМРТ пт	6,3	11,7	19,3
—■— КРТМ	11,9	13,1	14,9
—▲— СТМ	8,4	10,8	15,2
—◆— СРТМ нес.	12,5	15,2	16,8
—●— ПСТ	9,4	15,2	16,8
—●— СТРМ	6,5	8,7	11
—+— средняя	8,7	11,3	13,9

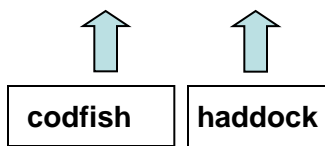
Type of fishing vessels



Динамика цен на треску и пикшу в 2000-2009 г.г. на российском рынке (\$ за тонну)

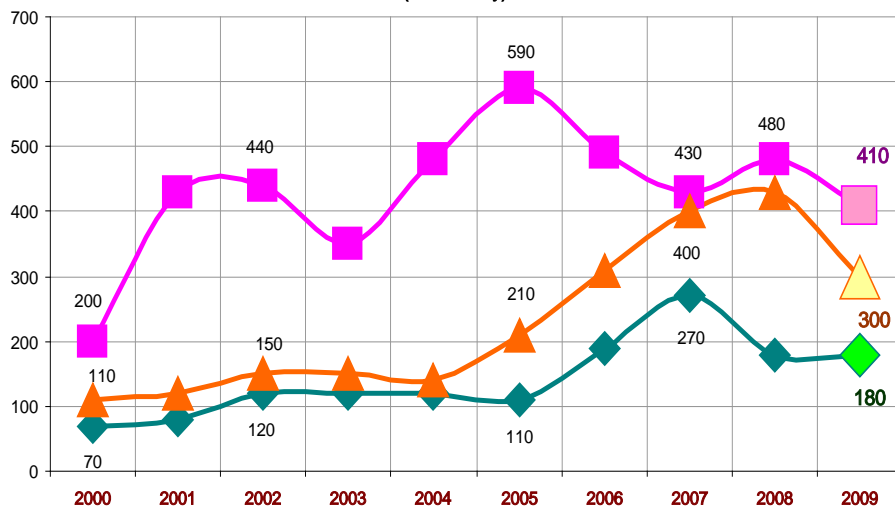


Треска Пикша



Dynamics of prices of codfish and haddock on the Russian market in 2000-2009 (\$ per ton)

Динамика цен на рыбу-сырец на российском рынке в 2000 г.- 2009 г.г. (\$ за тонну).

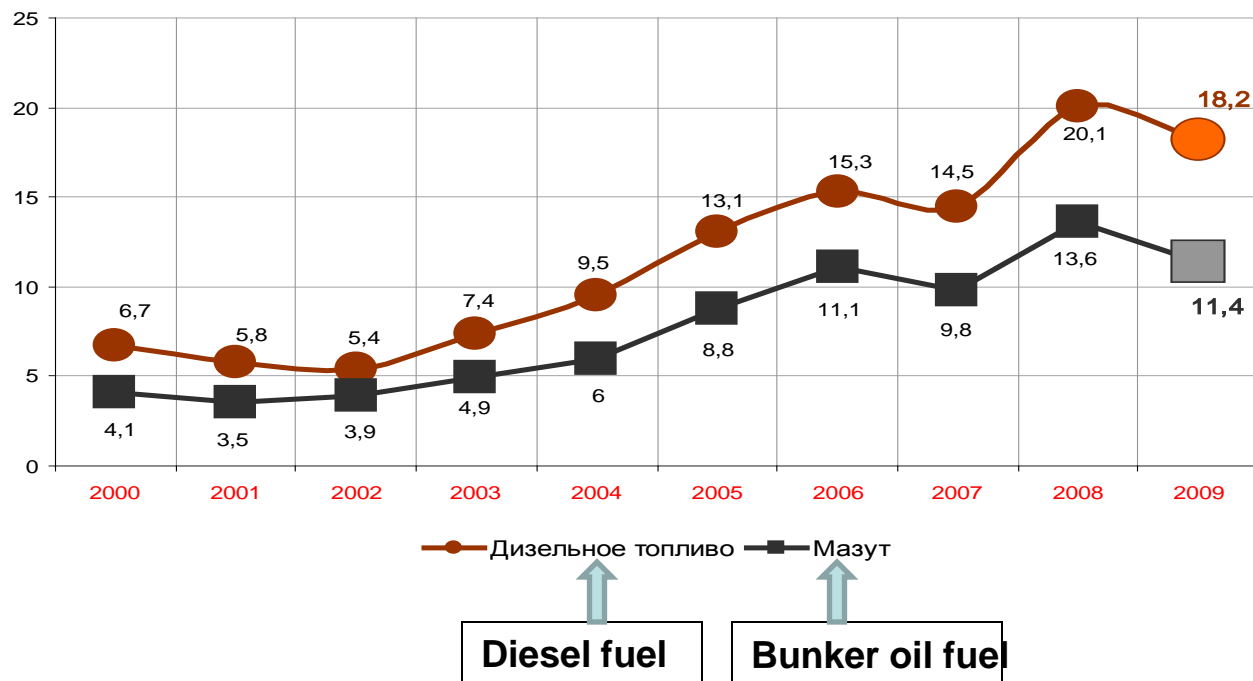


Путассу Сельдь Мойва

Dynamics of prices of raw fish on the Russian market 2000 - 2009 (\$ per ton)



## Dynamics of prices of marine fuel over the period 2000 - 2009 (thousand roubles)



## However, the biggest problem is fleet renewal and modernization

Today in the North Basin 357 units of the fishing vessels are registered :

- 37 large-tonnage
- 197 middle-tonnage
- 123 small size

According to our information quota for the catch of aquatic bioresources allocated to the North Basin's enterprises is almost fully used and characterized by the following indices (thousand tons):

		(тыс.т)	
		2008 г	2009г.
quota	квота	471	581
catch	вылов	447	568
deviation, (+,-)	откл. (+,-)	-24	-13

**NUMBER OF FISHING VESSELS AND SHIPOWNERS**  
as of 1.01.2009

FISHING BASIN	TOTAL VESSELS	TOTAL SHIPOWNERS	NUMBER OF SHIPOWNERS,					NUMBER OF VESSELS				
			1	2	3	4	5	6-10	11-15	16-20	21-30	>30
FAR EAST	1423	686	401	140	58	29	17	30	8	3	-	-
<b>NORTH</b>	<b>345</b>	<b>175</b>	<b>98</b>	<b>43</b>	<b>14</b>	<b>10</b>	<b>5</b>	<b>3</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>
WEST	188	93	57	19	4	4	3	6	-	-	-	-
SOUTH	66	44	34	6	2	-	-	2	-	-	-	-
CASPIAN	45	34	26	6	1	1	-	-	-	-	-	-
<b>TOTAL IN RUSSIA</b>	<b>2067</b>	<b>1032</b>	<b>616</b>	<b>214</b>	<b>79</b>	<b>44</b>	<b>25</b>	<b>41</b>	<b>9</b>	<b>3</b>	<b>-</b>	<b>-</b>

## Forecast of **vessel decommissioning** in Far East and European regions as of 2012, 2017, 2020

Region	Class of vessel	Availability as of 01.01.2009	Decommissioning 2012	Decommissioning 2013 -2017	Decommissioning 2017 -2020	Availability 31.12.2020
Far East	Total	1423	267	158	200	798
	Large	122	33	30	18	41
	Medium size	576	204	100	107	165
	Light and small size	725	30	28	75	592
<b>European</b>	<b>Total</b>	<b>644</b>	<b>118</b>	<b>137</b>	<b>89</b>	<b>300</b>
	<b>Large</b>	<b>80</b>	<b>4</b>	<b>14</b>	<b>13</b>	<b>49</b>
	<b>Medium size</b>	<b>274</b>	<b>87</b>	<b>77</b>	<b>55</b>	<b>55</b>
	<b>Light and small size</b>	<b>290</b>	<b>27</b>	<b>46</b>	<b>21</b>	<b>196</b>
<b>TOTAL</b>		<b>2067</b>	<b>385</b>	<b>295</b>	<b>289</b>	<b>1098</b>
including						
	Large	202	37	44	31	90
	Medium size	850	291	177	162	220
	Light and small size	1015	57	74	96	788

**Forecast of the need to develop model  
and quantitative composition  
of fishing vessels in European region  
and in capital investment  
for their construction until 2020.**

Class of vessels	2010- 2012		2013 - 2017		2018 - 2020		Total 2010-2020	
	№	MILLION	№	MILLION	№	MILLION	№	MILLION
		RUB		RUB		RUB		RUB

## Oceanic fleet

### LARGE VESSELS

БМРТ-С	4	3696	6	5544	5	4620	15	13860
БМРТ-К	2	1760	5	4400		3	2640	10
БРТ-Ф	-	-	3	3036	2	2024	5	5060
БМРТ	9	8316	12	11088	6	5544	27	24948
РТМ	18	13464	12	8976	8	5984	38	28424
БСТ	-	-	3	1980	1	660	4	2640
<b>Total Large vessels</b>	<b>33</b>	27236	<b>41</b>	35024	<b>25</b>	21472	<b>99</b>	83732

<b>MEDIUM SIZE VESSELS</b>								
СРТМ-СА	7	4004	10	5720	-	-	17	9724
СРТМ-СВА	19	8778	8	3696	17	7854	44	20328
ССТ	-	-	3	792	1	264	4	1056
СЯМ-Т	-	-	13	4576	4	1408	17	5984
СТЯМ-КР	4	1760	20	8800	5	2200	29	12760
ККЛС	-	-	8	1971	3	739	11	2710
<b>Total Medium size vessels</b>	<b>30</b>	<b>14542</b>	<b>62</b>	<b>25555</b>	<b>30</b>	<b>12465</b>	<b>122</b>	<b>52562</b>
<b>LIGHT AND SMALL SIZE VESSELS</b>								
МСТР	9	1584	11	1936	4	704	24	4224
ММРТ	-	-	-	-	2	220	2	220
ММЯ	-	-	-	-	1	35	1	35
МЯР-Т	-	-	8	880	3	330	11	1210
<b>Total Light and small size vessels</b>	<b>9</b>	<b>1584</b>	<b>19</b>	<b>2816</b>	<b>10</b>	<b>1289</b>	<b>38</b>	<b>5689</b>
<b><u>Total Oceanic fleet in European region</u></b>	<b>72</b>	<b>43362</b>	<b>122</b>	<b>63395</b>	<b>65</b>	<b>35226</b>	<b>259</b>	<b>141984</b>