20 ${ }^{\text {th }}$ THE SCIENTIFIC AND TECHNICAL COMMITTEE OF THE PARTIES TO THE CONVENTION ON THE CONSERVATION AND MANAGEMENT OF POLLOCK RESOURCES IN THE CENTRAL BERING SEA

Year 2014-2015 Research on the Status of Bering Sea Pollock Stocks

Paper submitted by
the Russian Federation

## Northern Bering Sea pollock


$\longmapsto$ Catch $\longrightarrow$ Catch per fishing day - - Number of fishing days
Catch of pollock in the Navarin area ( $\times 10^{4} \mathrm{t}$ ), the estimated number of fishing day and catch per fishing day in 1978-2014

## Northern Bering Sea Pollock

## EIT survey



Numbers on tracklines - haul numbers Pollock (size more than 17 cm ) abundance (a-ind./sq.km) and biomass (b- mt/sq.km) density distribution and bottom temperature, September 16 - October 2, 2014


## Northern Bering Sea Pollock

## EIT survey








Pollock length and age composition, September 16 - October 2, 2014 (ChZ Russian EEZ to east $175^{\circ} \mathbf{W}$, WBSZ-Russian EEZ to west $175^{\circ} \mathrm{W}$; US - US EEZ to north $59^{\circ} \mathrm{N}$ )

## Northern Bering Sea Pollock

## BT survey



Pollock (size less than 17 cm (a), more than $\mathbf{1 7} \mathbf{c m}$ (b)) abundance density distribution (thsd. ind./sq. km), October 17-31, 2014


Northern Bering Sea Pollock BT survey


Pollock length composition to east $174^{\circ}$ E, October 17-31, 2014

## Northern Bering Sea pollock



The pollock CPUE of Russian factory trawlers in the Western Bering Sea zone in 2000-2014

## Northern Bering Sea pollock



Forecast of Navarin pollock stock's condition

## Karagin (Western Bering Sea) pollock



Age composition, 2005-2014

## Karagin (Western Bering Sea) pollock



Total stock's biomass: 1 - according assessment, 2 - according data of the trawl surveys

TAC and catch for pollock by region, thsd. $t$

| Year | Chukotka <br> zone |  | Western Bering <br> Sea zone |  | Karagin <br> subzone |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | TAC | Catch | TAC | Catch | TAC | Catch |
| 2010 | 7.7 | 4.0 | 338.1 | 315.5 | 48.6 | 43.4 |
| 2011 | 5.7 | 3.8 | 353.6 | 332.9 | 40 | 39.2 |
| 2012 | 5.3 | 4.4 | 410.8 | 385.6 | 33.2 | 26.3 |
| 2013 | 5.6 | 4.4 | 393.1 | 358.9 | 31.4 | 29.8 |
| 2014 | 5.3 | 3.4 | 393.0 | 330.6 | 16.1 | 15.1 |
| 2015 | 5.5 | $1.6^{*}$ | 430.0 | $161.0^{*}$ | 11.5 | $4.7^{*}$ |
| 2016 | 6.2 |  | 455.8 |  | 7.4 |  |

Data through 21 July 2015

