<table>
<thead>
<tr>
<th>Event, name, organizers, moderator</th>
<th>Description of event, legend, discussion topics, speakers</th>
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<tbody>
<tr>
<td><strong>10 JULY 2019 (WEDNESDAY)</strong></td>
<td><strong>DAY ONE</strong></td>
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<tr>
<td><strong>08:30–09:40</strong></td>
<td>Registration</td>
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<tr>
<td><strong>09:40–10:00</strong></td>
<td>Official Forum and Expo opening ceremony</td>
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<td>Forum organizers and participants, representatives of Russian ministries and departments, foreign delegations, and heads of associations and unions, as well as fishing and fish processing companies.</td>
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<tr>
<td><strong>10:00–11:00</strong></td>
<td>Forum exhibition walk-through</td>
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<tr>
<td>Forum organizers, representatives of Russian ministries and departments, foreign delegations, and heads of associations and unions, as well as fishing and fish processing companies.</td>
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<tr>
<td><strong>Pavilion Е</strong></td>
<td><strong>Hall Е10-Е12</strong></td>
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<tr>
<td><strong>11:00–13:00</strong></td>
<td>Plenary session</td>
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<td>“Ocean of Opportunities: Nature, Economy, and People”</td>
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<td>Organizers:</td>
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<td><img src="image-url" alt="Organizers" /></td>
<td>Legend: Fishing is a unique economic activity, a special social and economic way of life. Fishing works within a complex multidimensional system of coordinates, at the junction of several key factors: natural, economic and social. The fishing industry's performance cannot be assessed based on economic results or social indicators alone. So each country chooses its own way of distributing aquatic biological resources and the only feature common to all the national choices is long-term stability of the chosen option. Whether the correct choice has been made must be appraised taking into account the state of populations of aquatic biological resources, the socio-economic health of coastal regions, the financial health of the fishing industry and the contribution made by the fishing industry to developing related sectors of the economy.</td>
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<td><strong>Discussion topics:</strong></td>
<td>1. Economic efficiency and social stability: how to balance them.</td>
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<td>2. Fisheries management tools: biologically justified allowable catch and economically viable catch.</td>
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<td>3. To what extent is absolute competition possible in the natural resource sectors of the economy?</td>
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<td>4. How the fisheries legislation has evolved: national examples.</td>
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<td>5. Ratio of national and private interests in the fishing industry.</td>
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<td><strong>Speakers:</strong></td>
<td>1. Dmitry Patrushev, Minister of Agriculture of the Russian Federation (welcoming speech);</td>
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<td>2. Ilya Shestakov, Deputy Minister of Agriculture of the Russian Federation, Head of the Federal Agency for Fisheries, &quot;World fisheries: new realities and great opportunities&quot;;</td>
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<td>3. Bekir Pakdemirli, Minister of Agriculture and Forestry of the Republic of Turkey;</td>
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<td>4. Susi Pudjiastuti, Minister of Maritime Affairs and Fisheries of the Republic of Indonesia (Economy, Production), “Indonesian fishing industry in the new environment”;</td>
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Coffee break from 13:00 to 13:30

Pavilion F
Hall F2

13:30–15:30
Roundtable No. 1
"Digitalization as a Tool for the Transformation of the Fisheries Industry"

Organizers:

Moderator:
Bogdan Shaldugin, Managing Partner, Fishery Strategy Consulting [FSC]

Legend: Digitalization poses a serious challenge that will alter the value chain as many traditional sectors of the economy disappear, and we should be prepared for this.

Large volumes of information (Big Data) have become available with the introduction of IT solutions and integrated platforms for data processing and interpretation. This significantly enhances the quality and speed of decision-making in an environment where the resource base is declining, a large number of remote sites need to be monitored and controlled, and fishing and processing are becoming more efficient. The connection between all the components of the production chain, all the way up to retail outlets, to the global data transmission network has created brand new opportunities.

This truly comprehensive information will help take the industry to a new level of development and build business models with minimal risks.

Discussion topics:

1. Current state and prospects for development of fishing support information systems: online fishing logs, satellite monitoring and introduction of international online reporting. Digital technologies to ensure product traceability.
2. Effective detection and control, use of advanced information technologies, of vessels engaged in IUU fishing. Analytical systems for detecting and preventing IUU fishing.
3. Electronic services for users of aquatic biological resources and representatives of executive authorities as a tool for informed management decision-making.

Speakers:

1. Artem Vilkin, Head of the Centre of Fishery Monitoring and Communications, "Twenty years of development of the Industry Monitoring System: prerequisites for creation and the current state of and prospects for development”;
2. Mr. Thord Munsen, Norway, "History of introducing online fishing logs in Norway, current state and prospects”;
3. Maxim Buzmakov, Director for Development, OOO Trading Technologies Group, "Online trading platforms for sale of aquatic biological resources and products made from them”;
4. Dmitry Bakanov, General Director, Satellite System Gonets, "Use of domestic satellite systems in the field of fisheries", experience of using and implementing the Gonets satellite system;
5. Mrs. Aslaug Eir Holmgeirsdottr, Head of Supervision, Icelandic Coast Guard, "Digitalization of the fishing industry”;
6. Mr. Sebastian Wazzi BAADER (Germany), Mr. Thomas Brandt, Head of Digitization, "Digitalization as a solution for the fish industry”;
7. Mr. Jongil Jung, Inspector/Assistant Director, the Fisheries Monitoring Centre, the Ministry of Oceans and Fisheries of the Republic of Korea, "Korean Aquatic Fisheries Monitoring System. Using advanced ICT and satellite communications to reduce IUU fishing effectively”;
8. Dmitry Bakanov, General Director, Satellite System Gonets, "Use of domestic satellite systems in the field of fisheries", experience of using and implementing the Gonets satellite system;
9. Igor Orlov, Governor of the Arkhangelsk Region, "Bringing the Arctic and the Far East together: prospects for cooperation”;
10. Marcio Castro de Souza, Senior Fishery Officer, FAO, "Overview of international trade and markets for fish and fishery products”.

For Russia, fish are a natural yet underestimated treasure. They have always been and will continue to be so. Fish are a self-replenishing natural resource that, if used wisely, will be able to feed many generations of our country’s people. Today, many consumers are experiencing existential loneliness. Loss of roots, traditions, grandmother’s recipes. Fish consumption is falling, people are choosing cheaper sources of protein. Children hardly ever eat fish, as the continuity of consumption between generations has been lost. They do not know what good fish is.

Problems: Poor marketing, uneducated buyers, indifferent manufacturers and sellers. The industry has no interest in educating the buyer so there is no clear interest in or understanding of the product and its varieties. All PR in the industry is based on references to the past, yet these will soon stop having any effect, as the younger generation does not understand these allusions to the past.

Discussion topics:

1. What fish is for sale?
2. What do fishermen give to consumers in Russia today and what in Asia and Europe?
4. To whom to sell and how to sell.
5. How to teach eating fish.
6. Presentation of the Main Fish of the Country project.
7. Our Fish 2.0 (successful cases of production and promotion).

Speakers:

1. Petr Savchuk, Deputy Head, Federal Agency for Fisheries, "What, in general, is ‘fish for sale’”;
2. German Zverev, President, All-Russia Association of Fisheries Enterprises, Entrepreneurs and Exporters, Vice President, Russian Union of Industrialists and Entrepreneurs, “Will we feed Russia with fish?”;
3. Valery Fedorov, General Director, Russian Public Opinion Research Center (VCIOM), "Who is going to eat fish in Russia in ten years’ time?”;
4. Dmitry Bakanov, General Director, Dobroflot Group, "Three whales of the civilized market”;
5. Pavel Mezhericher, Managing Partner, IKRA group, "Potential development of the domestic market for fish and seafood consumption in the Russian Federation”;
6. Presentation of the Main Fish of the Country project.
Coffee break from 15:30 to 16:00
Pavilion F
Hall F2

16:00–18:00
Roundtable No. 2
"The Arctic and Antarctica: Resource Potential, Ban or Fishing, Elements of Cooperation"

Organizers:
Institute of Fisheries and Oceanography (Central Office), International Council for the Exploration of the Sea (ICES), "Fish distribution and fishing in the waters of Russia, Denmark [Greenland] and Norway adjacent to the central Arctic Ocean using a common ICE approach";
Konstantin Bandurin, Russian Federal Research Institute of Fisheries and Oceanography [Atlantic Branch], "Processing of krill and Antarctic krill (Euphausia superba Dana): past, present and future";
Mikhail Glubokovsky, Director, Russian Federal Research Institute of Fisheries and Oceanography; “Norwegian and Barents Sea cod reserves dynamics”;

Moderator:
Kirill Kolonchin, Director, Russian Federal Research Institute of Fisheries and Oceanography

Our Fish 2.0: successful cases:
9. Oleg Barmin, Owner, Lipko-Slado brand and Agenda Media, “From the sea to store shelves. Promoting the trade mark on the market”;
10. Alexander Turovtsev, Executive Director, Antey Group;
11. Vyacheslav Sturzu, General Director, NOREBO RU JSC

Legend: The marine systems of the Arctic and Antarctica have a lot in common: high latitudes, significant seasonal fluctuations in light levels, extreme air and sea temperatures, and an abundance of sea ice. Yet they are substantially different in other respects and the cumulative impact of climate change on oceanographic processes and food chain dynamics is likely to alter the future of fishing there in completely different ways.

It is essential to consider the various features [including geographical, physical and biological] that define polar marine ecosystems, as well as the known and projected effects of climate change on key zooplankton species and on commercial species and existing fish resources in order to create future scenarios for fishing and managing fisheries.

It is clear that the global community needs to come up with new approaches to utilizing the aquatic biological resources of the Arctic and Antarctica in consideration of climate change.

Discussion topics:
1. From studying aquatic bioresources of the Northern and Southern Oceans to their comprehensive utilization.
2. Mutually beneficial international cooperation.
3. The impact of climate change on the distribution and composition of commercial types of aquatic bioresource.
4. Conservation of polar ecosystems in the context of industrial development of the regions.

Speakers:
1. Anne Christine Brusendorff, General Secretary, International Council for the Exploration of the Sea (ICES), "Fish distribution and fishing in the waters of Russia, Denmark [Greenland] and Norway adjacent to the central Arctic Ocean using a common ICE approach";
2. Konstantin Bandurin, Russian Federal Research Institute of Fisheries and Oceanography [Atlantic Branch], Vladimir Belyayev, Head of the Center for International Fisheries Cooperation, Russian Federal Research Institute of Fisheries and Oceanography [Central Office], Alexander Sytov, Russian Federal Research Institute of Fisheries and Oceanography [Central Office], "Development of Russian resource studies and krill fishing in the Antarctic: problems and prospects";

Legend: In the spring of 2019, a contest of scientific projects by young scientists was held to encourage them and specialists to be active in implementing the results of fundamental and applied scientific research at fishery institutions and enterprises in order to make fishery more efficient. The winners have an opportunity to present their projects. Support and criticism from the professional community will encourage further creative activity by young scientists, boosting their motivation to develop new and better approaches to resolving the problems faced by the fishing industry today.

Discussion topics:
1. New and digital technologies for fundamental and applied scientific research in the fishery sector.
2. Search for promising sites and fishing areas, comprehensive studies of the habitat of hydrobiota.
3. Improving the methodology for estimating the amount, reserves and total permissible and possible catches of aquatic bioresources.
6. Fishery management, social and economic aspects of fisheries and fish farming.
7. Advanced technologies for extraction and processing of aquatic bioresources.
Pavilion F
Hall F2

09:30–10:45
Roundtable No. 3A
"Unlocking the Potential of Aquaculture in Russia and the World: Management, Resources, Markets"

Organizers:

Moderator:
Ekaterina Tribilustova, Senior Project Manager, Eurofish

Legend: Stable consumption of fish in the world is one way to obtain the protein the human body needs. Lack of commercial fish can be compensated for by aquaculture development. Total world aquaculture production is growing and progressing.

Since 1961, global fish consumption has grown twice as fast as the world's population, proving that the fisheries sector has a critical role to play in achieving the FAO's goal of a world free from hunger and malnutrition. According to the FAO, aquaculture is now present in 202 economies and territories, with 194 countries having experienced rapid production growth in recent years. For two decades now, China has accounted for 89% of global aquaculture production. Aquaculture will continue to contribute to economic growth and development by increasing production of safe, high quality seafood, creating income-generating opportunities and decent working conditions in the industry and related sectors throughout the production chain, including fish processing, marketing and distribution, and increasing domestic and international trade.

The major role played by aquaculture in the development of aquaculture requires the organizers to discuss aquaculture development issues.

Discussion topics:
1. The global aquaculture and mariculture situation: economics, environment, technology, statistics.

11:00–12:30
Conference
"Cost of the Fishing Industry: How to Assess the Efficiency of the Business Use of the National Resource?"

Organizers:

Moderator:
Andrey Danilenko, Chairman, Committee on Agro-Industrial Policy, Delovaya Rossiya (Business Russia)

Legend: Russia occupies a strong position among the TOP-10 leaders of the world fishing industry by catch of aquatic biological resources. According to foreign experts, Russia has one of the most effective systems of fisheries management and control over the safety of aquatic biological resources. Yet the capitalization of the Russian fishing industry is at an extremely low level. Russia accounts for only 5% of the world catch, while its share in global exports is even lower – about 4% and its share in the revenues of the world fish business is less than 1%.

Undercurrent news agency has been compiling a list of the biggest fishing corporations by revenue for several years. The TOP-100 on the world fish market include only one Russian fishing company. In 2012–2018, the number of mergers and acquisitions in the fishing industry increased significantly, from 25 major deals in 2012 to 59 in 2018. More than half the transactions are cross-border.

Discussion topics:
1. What affects the level of fish business capitalization?
2. Why is the capitalization of the Russian fish business low?
3. Is low capitalization a legal or accounting problem?
4. How do banks assess the fish business?
5. How does the state affect the capitalization of the fishing industry?
Coffee break from 12:30 to 13:00
Pavilion F
Hall F3

13:00–14:30
Roundtable No. 3
“Fisheries: Social Dimension as a Factor for the Development of Territories”
Organizers:

Legend: Fisheries provide direct and indirect employment for at least 120 million people worldwide.
Fisheries are the foundation of urban planning for the country's coastal areas.
Fish processing requires availability of a proper coastal production and social infrastructure helping resolve the problems involved in people's employment and welfare and constituting a powerful factor in development of territories. Yet fishing with a clearly seasonal nature, such as the salmon fishing season in the Far East, is often complicated by a shortage of manpower, energy and transport infrastructure in the areas where the fish are caught and processed. This makes it impossible fully to ensure social and economic development of a region.
In addition, there are small-scale fisheries and related activities everywhere, as well as commercial aquaculture enterprises providing for the vital needs of millions of people.

Discussion topics:
1. Are fish-based single-industry towns capable of developing? How can permanent employment be ensured?
2. New solutions for fish processing: energy, construction, transport;
3. Shift method or creation of a full social infrastructure in hard-to-reach regions?
4. Development of waste-free production to increase employment.

Speakers:
1. Ilya Shestakov, Deputy Minister of Agriculture of the Russian Federation; Director, Federal Agency for Fishery;
2. German Zverev, President, All-Russia Association of Fishery Enterprises, Entrepreneurs, and Exporters, “Fish industry in Russia: What don’t the statistics see?”
3. Yakov Mirkin, Head, International Capital Markets Department, Institute of World Economy and International Relations of the Russian Academy of Sciences (IMEKO), “Capitalization in the fish industry: can it be high?;
4. Darya Smitko, Head of Gazprombank Centre for Economic Forecasting, “Fishing industry on the map of the Russian and world economy: what influences business development and how banks see it”;
5. Stanislav Naumov, President, Russian Public Relations Association, “Reputational capital of the Russian fishing industry as a factor of capitalization”;
6. Daniil Tsygankov, Director, Centre for Regulatory Impact Assessment of the National Research University – Higher School of Economic, “Fisheries regulatory requirements: what to send to the guillotine?”,
9. Roman Karmanov, Deputy General Director, Komsomolskaya Pravda Publishing House, “Reputational capital of the industry is more important than money”.

Moderator:
Sergei Mitin, Senior Vice-Chairman of the Federation Council Committee on Agriculture and Food Policy and Environmental Management

Coffee break from 14:30 to 15:00
Pavilion F
Hall F2

13:00–14:30
Roundtable No. 4
“Fish Market Economics: Fishing, Processing, Logistics, and Retail”
Organizers:

Legend: The fishing business is considered to be one of the most complicated and high-risk. Success largely depends on factors that are difficult to predict: the state of aquatic bioresources, the weather, fuel costs, etc. As a result, one year might be successful, while another might not. Such uncertainty affects the loading of processing enterprises and the entire supply chain to the consumer, on to which insurance of financial risks is shifted in the form of rising prices for end products.
Shortcomings in port facilities and law enforcement further increase investment risks and hold back the growth of a sustainable fisheries economy. The result is export of fish raw materials and import of finished products, which threatens the country's food security.
The huge distances between the Far Eastern ports and the main consumption centres in the central regions make the problem of transport timing and temperature regimes particularly pressing. Specialized high-speed trains and refrigerated containers with particularly low temperatures are needed.
Will operation of logistics centres near big cities be cost-effective?
Organizing a specialized trade network selling fish products (such as “Ocean” stores) as an alternative to fish departments in hypermarket chains. Fish exchange and e-commerce: are they possible in Russia?

Discussion topics:
1. Filling the market: to produce more or to change the focus of supply?
2. Protective barriers or creation of conditions at domestic ports?
3. Optimizing the supply chain to cut fish product prices.
4. Buy, catch, grow, where to get fish for the table in Russia.
5. What is the influence of the country's economic situation on the level of fish product consumption by the public?
6. Preserve and deliver: What's new in logistics? Will the “fish express” save us?

Speakers:
1. Hiroya Ebina, Mayor of Kushiro, Japan, “The role of fishing in the economic development of Kushiro”;
2. Ms Berglind Asgeirsdottir, Ambassador of the Republic of Iceland to the Russian Federation, “Effects of the advanced fisheries industry on Iceland’s economy”;
3. Alexey Buglaq, President, Russian Pollock Catchers Association, “On certification of social and labour relations and consequences for the Russian fishing industry”;
4. A.F. Ratastshynuk, Executive Director, Pollock Catchers Association, “Regulation of social and labour relations in fishing”;
5. Sergey Tarusov, Chairman, Fishing collective farm named after V.I. Lenin, “The specifics of city-forming enterprises in the fishing industry”;
6. Miron Borgulev, Sustainable Marine Fishery Programme, WWF Russia, “Spawning protection forest belts: balancing fishing and forest management interests.”
Speakers:
1. Sergey Stankovski, Managing Director, Renaissance Capital, “How to eliminate the risks of currency fluctuations and growth of ship fuel prices”;
2. Inna Golfand, Partner, Agro-Industrial Complex Practice, NEO Centre, “Import, export, production: opportunities to reduce imports and increase exports, what projects are of investment interest?”;
3. Diego Lages, Marel Food Systems, “Industry 4.0. Challenges and solutions”;
4. Stanislav Dudin, Deputy General Director, Skopasyn Russia, “Real benefits of optimizing modern fishing vessel projects for specific operating conditions”;
5. Dmitry Maksimenko, Co-Owner and Executive Director, Innosoft (YORSO.com), “Tools for optimizing the value chain to reduce the price of fish products”;
6. Andrew Papachrysou, Procurement Director, Nomad Foods, “Nomad Foods: fish and the link to sustainable ocean development”;
7. Mikhail Sinev, President, Association of Refrigerated Rolling Stock Operators (ARRSO), “Product quality as an important component of logistics efficiency”;
8. Natalya Gracheva, Head of Customer Relations Department, JSC Gazprombank Leasing, “Leasing as an effective tool for financing renewal of the fishing fleet and fish and seafood processing equipment”;
9. Dmitry Yechkalov, Executive Director, Head of International Business Development, Sberbank Factoring, “International factoring”;

Pavilion E
Gala Meeting
Hall E10-E12
Coffee break hall E9
(concert, cocktail party)

Industry workers’ awards ceremony
Sea Cadet Ball (concert, cocktail party)

15:00–17:00
Gala meeting on the occasion of Fisherman’s Day

* The programme is subject to change