

Ukhta-Prom Comprehensive FIP Workplan – Action 10: Demonstrate that the Management System Includes an Effective Decision Making Process

PIs: 3.2.2 - PART 1, 2019

SUMMARY OF THE KEY MANAGEMENT ACTIONS TAKEN IN 2019 IN RELATION TO THE FISHERY IN FIP

In 2019, Anadromous Fish Commission in the Khabarovsk Region was guided in its decision-making by the corresponding articles of the Federal Law dated 12.20.2004 № 166-FZ “On fisheries and conservation of aquatic biological resources”, as well as the Order of the Ministry of Agriculture of the Russian Federation dated 04.08.2013 № 170 «On Approval of the Rule of Procedure of the Commission for Regulation of Anadromous Species Fishery”, and with due allowance for the KhabarovskNIRO developed “Strategy for Salmon Fishery Management for 2019” adopted on **May 16, 2019 at the Far East Basin Scientific and Commercial Fishery Council (DVNPS) meeting.**

1. Far-Eastern Scientific and Fishery Council (DVNPS)

DVNPS is one of the most important consulting (advisory) body that discusses all key regulations and implementation of the Fishing Rules applicable to the fisheries including salmon fishery.

In regards to the salmon fisheries, the strategy and principles of salmon fisheries regulations are annually reviewed at spring DVNPS meeting. In May 2019, at the DVNPS meeting in Petropavlovsk-Kamchatsky salmon fisheries management strategies were discussed, and every region including Khabarovsk region presented its own fishery management strategy.

For the Khabarovsk region, the following regulations were accepted:

- to ban commercial pink and summer chum fisheries in the Amur river and the Amur liman as well as to prohibit fall chum harvest in Komsomolsky, Nanaisky, Amursky and Khabarovsk districts due to decline in Amur salmon stock and changes in their major reproduction regions;
- to establish 5-passing-days-a-week schedule for summer chum and pink harvest in the Amur river and Amur liman for KMNS fisheries from the beginning of the season;
- to recommend form 60 km long groups of RLU (RPU) for consecutive shifts in fishery operation / closing and for establishing passing periods;
- for fall chum fishery, for the RPU groups was recommended to set 2-days-a-week passing schedule that overlap with adjacent fisheries to establish passing corridor for Pacific salmon;
- chum salmon catch limit in the Amur river and the Amur liman was recommended to allocate between the districts in the following proportion: Nikolaevsky – 61,05%, Ulchsky – 38,95%;
- to ban Pacific salmon catch using trap nets in the Amur river and the Amur liman in the night (from 11 pm till 6 am);
- to establish (in rivers) passing schedule as 1-2 passing days a week for Okhotsky district. In the rest of the districts (within Khabarovsk region) passing days are not needed;

DVNPS protocols are available at FFA website:

http://www.fish.gov.ru/files/documents/otraslevaya_deyatelnost/organizaciya_rybolovstva/protokoly_ko_missij_soveto/protokol_dvnps_160519.pdf

2. Commission on anadromous fisheries management in the Khabarovsk region

During the salmon fishing season, the Commission held meetings no less than once in the 5-7 days. All the Commission’s Protocols (decisions) are available at the Amur Territorial Administration website.

Commission meeting 28.06.19, protocol №13

<http://www.atu-fishcom.ru/upload/anadrom%20fish/protokol%2013-2019.pdf>

According to the approved protocol, pacific salmon catch limits in the North Okhotsk Sea subzone (Sakhalin bay) were set as following:

- Chum – 2415,785 t.
- Pink – 983,738 t.

Commercial fishery beginning and end dates in the North Okhotsk Sea subzone (Sakhalin bay):

- Beginning - from 00:00 am on July 5th, 2019;
- End - from 00:00 pm on September 25th, 2019.

For the purposes of operational management unallocated pacific salmon catch volume was set in the North Okhotsk Sea subzone (Okhotsky, Ayano-Maisky, Tuguro-Chumikansky districts and Sakhalin bay) in 2019 for commercial and amateur fishery as following:

- Chum – 3764,303 t;
- Pink - 1931,598 t.

Commission meeting 07.08.19, protocol №20

<http://www.atu-fishcom.ru/upload/anadrom%20fish/protokol%2020-2019.pdf>

By the decision of the Russian Fishery Council for industrial fishery (protocol as of March 14, 2019 № 3), the Pacific salmon and chars harvest Strategy in Khabarovsk region and Jewish autonomous region determined recommended catch limits for fall chums in the Amur river and the Amur liman for the fishing season 2019.

Recommended fall chum catch volume in the Amur river and the Amur liman for commercial, traditional, amateur and sport fishery, excluding scientific research, control and hatchery harvest in 2019:

Harvest district	Volume (t.)
Amur river basin and the north part of the Amur liman	14,848.0
South part of the Amur liman	988.0
Total: Amur river basin and the Amur liman	15,836.0

The fall chum catch volumes in the Amur river and the Amur liman for commercial, traditional, amateur and sport fishery in 2019 according to the table:

Harvest district	Species	Types of fishery	
		Commercial, amateur and sport fishery	Traditional fishery
Amur river basin and the north part of the Amur liman	Fall chum	12,833.92	2,014.08
South part of the Amur liman		952.08	35.92

Total: Amur river basin and the Amur liman		13,786.0	2,050.0
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Commission meeting 13.08.19, protocol №22

<http://www.atu-fishcom.ru/upload/anadrom%20fish/protokol%2022-2019.pdf>

The Commission has decided to allocate additional 1,000 tones of pink for commercial harvest for Sakhalin bay RPU group.

Unallocated pacific salmon catch volume was set in the North Okhotsk Sea subzone (Okhotsky, Ayano-Maisky, Tuguro-Chumikansky districts and Sakhalin bay) in 2019 for commercial, sport and amateur fishery as following:

- Pink – 34,598 t;
- Chum – 3543,753 t.

Commission meeting 28.08.19, protocol №24

<http://www.atu-fishcom.ru/upload/anadrom%20fish/protokol%2024-2019.pdf>

For the purposes of operational management unallocated fall chum salmon catch volume was set in 2019 for commercial and sport fishery as 15,822.53 t. according to the table:

Harvest district	Volume (t)
Amur river basin within the boundaries of Ulchsky, Komsomolsky, Amursky, Nanaisky, Khabarovsk districts	1,487.32
Southern part of the Amur liman	95.21
Total:	1,582.53

The dates of the beginning and end of commercial, traditional, amateur and sport fishery as well as passing schedule for chum salmon in the Amur river and the Amur liman are indicated in the Appendix 2 to the Commission meeting protocol.

Fall chum passing schedule during commercial, traditional, amateur and sport fishery in the Amur river and the Amur liman:

- from 00:00 am to 00:00 pm on the days indicated in the Appendix 2 to the Commission meeting protocol (available at <http://www.atu-fishcom.ru/upload/anadrom%20fish/protokol%2024-2019.pdf>);

- from 11:00 pm to 6:00 am every day for trap nets fishing gear type

The Commission established initial fixed fall chum catch limit for legal entities who possess the right for anadromous fish commercial harvest, and who rent fishing parcels for commercial fishery in the Amur river and the Amur liman in 2019 according to Appendix 3 to the protocol.

Appendix №3 to the Commission meeting protocol № 24 as of August 21st, 2019

№	Legal entities	Fishing parcels			Establish catch limit (t)
		ID	Name	District	
1. The Amur river and the northern part of the Amur liman within the boundaries of Nikolaevsky district, Khabarovsk region					

1	LLC «Ukhta-Prom»	18	Amur river, Kakinsky	Nikolaevsky	631.28
		42	Amur river, Maginsky	Nikolaevsky	
		25	Amur river, Sakharovsky	Nikolaevsky	
		74	Amur river, Brusnichny	Nikolaevsky	
		80	Amur river, Nevelskoi	Nikolaevsky	
		68	Amur river, Ivanov	Nikolaevsky	
		47	Amur river, Gusinnik-1	Nikolaevsky	
2	LLC «Shturman»	28	Amur liman, Puirsky	Nikolaevsky	865.37
		31	Amur liman, Makarovsky	Nikolaevsky	
		70	Amur liman, Blizhny	Nikolaevsky	
		29	Amur liman, Vesely	Nikolaevsky	
		3	Amur liman, Chadbakhsky	Nikolaevsky	
		22	Amur liman, Ozerpakhsy	Nikolaevsky	
		30	Amur liman, Kirpichny	Nikolaevsky	
		47	Amur liman, Chrny	Nikolaevsky	
2. The Amur river within the boundaries of Ulchsky district, Khabarovsk region					
1	LLC «Shturman»	26	Amur river, Maly Amurchik channel	Ulchsky	127.04
		2	Amur river, Prokhdnoi Amur channel	Ulchsky	
		46	Amur river, Marienskaya (Novy Amur)	Ulchsky	
3. The southern part of the Amur liman					
1	LLC «Shturman»	64	Amur liman, Khagimif	Nikolaevsky	57.54
2	LLC «Ukhta-Prom»	1	Tatar strait, Chikhachevsky	Nikolaevsky	177.72
		12	Amur liman, Djaorensky-1	Nikolaevsky	

Commission meeting 03.09.19, protocol №27

<http://www.atu-fishcom.ru/upload/anadrom%20fish/Protokol%2027-2019.pdf>

Amur Territorial Administration of Rosrybolovstvo sent a request (as of 29.08.2019 № 02-22/5954) to accept the copy of the protocol of the FFA Industrial council for commercial harvest forecasting meeting as of 27.08.2019 № 47 with corrected forecasted catch volumes of chum in the Sea of Okhotsk coast, including Khabarovsk region (North Sea of Okhotsk subzone) towards adding 1,421 t to the existing quota (increased limits from 13,154 t to 14,575 t).

Based on the above, the Commission has established unallocated pacific salmon catch volume in the North Okhotsk Sea subzone (Okhotsky, Ayano-Maisky, Tuguro-Chumikansky districts and Sakhalin bay) for commercial, amateur and sport fishery as following:

- Chum – 1,464.753 t;
- Pink – 34.598 t.

KhabarovskNIRO recommendations have been received as of 30.08.2019 № 01/1785, and as of 02.09.2019 № 01/1797 for establishment of additional chum catch volumes for commercial harvest by PRU group in Nikolaevsky district (Sakhalin bay) from unallocated pacific salmon catch volumes in the North Okhotsk Sea subzone in 2019.

The Commission decided to establish for legal entities an additional 1,300.0 t chum catch limit for commercial harvest for Sakhalin bay PRU group.

The unallocated pacific salmon catch volume for commercial harvest in the North Okhotsk Sea subzone has changed:

- Chum – 164.753 t
- Pink – 34.598 t.

Chum passing schedule has been established during commercial fishery on Sakhalin bay RPUs - every day from 00:00 am next day after the approval of the protocol and during the entire period till September 25th, 2019.

Commission meeting 05.09.19, protocol №29

<http://www.atu-fishcom.ru/upload/anadrom%20fish/Protokol%2029.pdf>

The unused chum catch volumes are left after commercial chum harvest ban was placed into effect for the Ayano-Maisky district RPUs and chum passing days were established for the Okhotsky district RPUs. The Commission has decided to distribute unallocated chum catch volume in the North Okhotsk Sea subzone among the RPUs indicated above.

According to the Amur Territorial Administration of Rosrybolovstvo note as of 05.09.2019 № 02-22/6113, the unused remained chum catch volume for the Ayano-Maisky district RPUs is 83.062 t, for the Okhotsky district RPUs - 383.264 t. The chum catch volume for the Sakhalin bay RPUs - 2,641.206 t or 115.65% out of recommended 2,283.738 t.

Thus, established unallocated pacific salmon catch volume in the North Okhotsk Sea subzone (Okhotsky, Ayano-Maisky, Tuguro-Chumikansky districts and Sakhalin bay) for commercial, amateur and sport fishery in 2019:

- Pink – 34.598 t;
- Chum – 631.079 t.

The Commission has established additional chum salmon catch limit as 357.468 t for the Sakhalin bay RPUs group. Further, in order to use recommended chum catch volumes fully and efficiently, the Commission has changed the process of catch limit establishment for the Sakhalin bay RPUs group

reported in the Commission protocol № 13 of 28.06.2019 (hereafter – protocol № 13), and since this protocol approval date, had shifted to the fixed chum catch volume establishment for commercial harvest by legal entities.

The end date of chum passing period established on the Commission meeting on 03.09.2019 № 27 approved by ATU on 04.09.2019 was determined - from 00:00 am next day after approval of the protocol.

The chum salmon catch volumes for commercial harvest by legal entities were established in the North Okhotsk Sea subzone according to Appendix 4 to the protocol.

The volumes indicated in Appendix 4 include chum catch volumes exploited by legal entities before the protocol approval date.

Appendix №4 to the Commission meeting protocol № 29 of September 5th, 2019

№	Legal entities	Fishing parcels		Established volume (tones)
		ID	name	
1. The Amur river and the northern part of the Amur liman within the boundaries of Nikolaevsky district, Khabarovsk region				
1	LLC «Shturman»	55	Sakhalin bay, Seldevy	724.426
		46	Sakhalin bay, Kospakhsky	
		34	Sakhalin bay, Baidukovsky-2	
		36	Sakhalin bay, Avrinsky	
		33	Sakhalin bay, Baidukovsky-1	
		43	Sakhalin bay, Litkensky	
		38	Sakhalin bay, Petrovsky	
2	LLC «Ukhta-Prom»	44	Sakhalin bay, Alexandrovsky	575.119

Commission meeting 13.09.19, protocol №32

<http://www.atu-fishcom.ru/upload/anadrom%20fish/protokol%2032-2019.pdf>

Amur Territorial Administration of Rosrybolovstvo sent a request (as of 12.09.2019 № 02-22/6262) to accept the copy of the protocol of the FFA Industrial council for commercial harvest forecasting meeting as of 11.09.2019 № 55 with corrected forecasted catch volumes of chum in the Sea of Okhotsk coast, including Khabarovsk region (North Sea of Okhotsk subzone) towards adding 823 t to the existing quota (increased limits from 14,575 to 15398,0 t).

Based on the above, the Commission established unallocated pacific salmon catch volume in the North Okhotsk Sea subzone (Okhotsky, Ayano-Maisky, Tuguro-Chumikansky districts and Sakhalin bay) in 2019 for commercial, sport and amateur fishery as following:

- Chum – 823.0 t;
- Pink – 34.598 t.

The Commission decided to establish for legal entities an additional 95.0 t chum catch limit for commercial harvest for Tuguro-Chumikan PRU group.

The decision-making on pacific salmon harvest management in Sakhalinsky bay was postponed till next the Commission meeting.

Commission meeting 19.09.19, protocol №34

<http://www.atu-fishcom.ru/upload/anadrom%20fish/protokol%2034%202019.pdf>

Kravchuk O.S. (responsible secretary) informed about the necessity to take additional fall chum harvest management measures in the Amur river basin in 2019 to ensure stable fall chum producers escapement to Anyuisky and Gursky hatcheries.

Kolomoets (the head of FGBU “Glavrybvod”, the Commission member) informed about week fall chum salmon runs to Anyui and Gur salmon hatcheries.

The Commission banned commercial, amateur, sport and traditional fall chum fishing by indigenous people of the North, Siberia and the Far East in Nanaisky district on the Amur river stretch from the head of Chenka channel to the mouth of Kirpichnaya channel 1000 m from the river edge on the right bank, including RPU located in this area within 1000 m from the right bank - from 00:00 am the next day after the protocol is approved.

The Commission received a request from LLC “Shturman” for establishment of additional chum catch limits for commercial fishery in the southern part of the Amur liman. The Commission decided to allocate additional 47.61 t of fall chum for LLC “Shturman” for commercial fishery in the southern part of the Amur liman on RPU 64, Amur liman, Khagimif out of unallocated volume for “the southern part of the Amur liman”.

Commission meeting 23.09.19, protocol №35

<http://www.atu-fishcom.ru/upload/anadrom%20fish/protokol%2035.pdf>

Kravchuk has informed that the Commission received recommendations from FGBU “Glavrybvod” Amur branch of 18.09.2019 № 2479 and of 20.09.2019 № 2505 on additional management measures in the Amur river basin in 2019 to ensure stable fall chum salmon run to Anyuisky and Gursky hatcheries. Also FGBU “VNIRO” Khabarovsk branch submitted recommendations of 18.09.2019 № 1906 and of 20.09.2019 № 1925 on additional management measures for fall chum harvest in the Amur river basin and the Amur liman in 2019.

The Commission determined fall chum passing schedule during commercial fishery in the Amur river basin and the northern part of the Amur liman in Nikolaevsky, Ulchsky, Komsomolsky, Amursky and Nanaisky districts - every day from 00:00 am on 24.09.2019 during the entire fishing period till 00:00 pm on 10.10.2019.

SUMMARY OF THE KEY MANAGEMENT ACTIONS TAKEN IN 2018 IN RELATION TO THE FISHERY IN FIP

In 2016, after strong pink generation returned to Amur, and it’s total catch in the Amur river reached 23,1 thousand tones, scientists expected the same strong returns in 2018. However, chum stock depletion was noticeable. The DVNPS discussion on Amur salmon stock depletion was held in Petropavlovsk-Kamchatsky on April 19th, 2018. There, a number of Amur commercial fisheries Associations suggested to limit commercial pressure that they considered overwhelming.

In Khabarovsk, the Commission meeting for discussing organization of “summer salmon” fishery in Amur river and Amur liman in 2018, was held on June 15th, 2018 (Protocol № 13 <http://atu-fishcom.ru/upload/anadrom%20fish/Protocol%2013.pdf>). They decided to keep the following volumes unallocated in order to manage fishery operationally taking into account pink and summer chum catch volumes according to Appendices 4 &5:

- Pink: 10,772.891 t;
- Summer chum 2,068.042 t.

The Commission also decided to set fixed pink and summer chum catch volumes in the Amur river basin and the Amur liman considering commercial fishery history for the last 4 years in accordance with the Strategy of Pacific salmon catch in Khabarovsk region accepted on DVNPS meeting on April 19th, 2018 (p. 4).

During the meeting on August 10th, 2018 (Protocol № 24 <http://atu-fishcom.ru/upload/anadrom%20fish/protocol%2024.pdf>) the Commission decided to shift summer salmon fishery end dates from commercial and traditional catch towards decreasing the period: from August 20th to August 13th (pp. 2-3)

During the Commission meeting on August 16th, 2018 (Protocol 26 <http://atu-fishcom.ru/protocols-for-anadromous/in-khabarovsk-territory/1783/>) the Commission discussed issues of amur fall chum fishery organization. The total fall chum catch in the Amur river and the liman was 17,471.0 t. Nikolaevsky district (zaezdoks) was allocated 55% of total quota (p. 3). The passing days were determined (p. 4). Amgun river was determined as a place for amateur and sport pink and summer chum fishery with fishing rods (p. 5). **Though everyone knows that neither pink or chum in freshwater never were attracted to any baits.

On September 28th, 2018 (Protocol № 38 <http://atu-fishcom.ru/upload/anadrom%20fish/Protocol%2038.pdf>), the Commission reviewed a letter from Amur branch of FGBU “Glavrybvod” of September 27th, 2018 N 2162 about necessity to ensure stable fall chum spawners run to Udinsky, Gursky and Anyuisky hatcheries, as well as optimal spawning escapement (p. 2). To achieve this, it was suggested to close commercial, coastal, amateur and sport fisheries before time - from October 1st 2018, - in Ulchsky, Komsomolsky, Amursky, Nanaisky districts of Khabarovsk region (up to the mouth of Ashoi river). Also the Commission received a request of September 25th 2018, from the Association of fishery enterprises of the Khabarovsk region and the Amur Basin to ban fall chum salmon catch in the Amur river for all types of fishing gear in all the districts of the region. Regarding this issue, the Commission received a letter from Khabarovsk TINRO of September 27th 2018 N 01/1286 recommending, due to insufficient fall chum salmon run to the spawning grounds of Anyui and Gur as well as to the hatcheries (Udinsky, Gursky and Anyuisky), to close commercial fall chum fishery in the basin of the Amur river and within specified boundaries (pp. 2-3).

During salmon run 2018, the Commission paid a lot of attention to determining places for amateur and traditional fishery as well as to fishery limitations enforcement due to weak salmon run to the Amur river.

SUMMARY OF THE KEY MANAGEMENT ACTIONS TAKEN IN 2017 IN RELATION TO THE FISHERY IN FIP

In 2017, pacific salmon stock in the Amur had started to decrease. KhabarovskTINRO forecast hasn't shown such tendency, thus chum and pink salmon in-season commercial fishery followed the same pattern as during previous years when salmon stock had been growing. For instance, in the Protocol 7 (<http://atu-fishcom.ru/upload/anadrom%20fish/protocol%207%20rasp%207.pdf>) of June 26th 2017, the allocation of potential summer salmon catch was the following:

- Pink: 2,754.0 t (lean odd year);
- Summer chum - 13,513.0 t.

Once again, negative tendencies of low summer chum catches among KMNS in the Amur and Amur river were noted: in 2015, summer chum catch was 59% of quota, and pink - 21% (p. 3). Traditionally, KMNS mostly harvested chum.

In previous years, when quota increases up to 70% of total, KhabarovskTINRO should have provided justification for catch volume increase.

As usual, 30% of total possible catch was used to create the reserve (p. 3). In the previous years, the reserve was allocated among the organizations that finished their quotas ahead of the rest of the organizations. Usually, those organizations were owners of zaezdoks in the Amur liman and in the mouth of Amur. It's share in 2017 was 60% out of the entire quota. The reserve secured catches in Nikolaevsky (zaezdoks) district - 70-90% out of all salmon catch volume.

Salmon passing / fishing schedule was determined for dark hours: from 21:00 to 07:00 everyday.

The Commission (Protocol № 11 <http://atu-fishcom.ru/upload/anadrom%20fish/protocol%2011%20rasp%2012%20rp.pdf> of July 25th, p. 2) gave a hearing to the Amur territorial administration of Federal Agency for Fishery (fax of 24.07.2017 N 5522) letter about additional limitations aimed to preserve summer chum and pink populations for all types of fisheries from the conventional boundary connecting Tabakh cape and Nizhnee Pronge cape to the settlement Susanino. This part of the Amur river was suggested to sub-divide into 3 pieces and ban summer chum and pink salmon catch at intervals of 2 days, starting from July 25th, 2017.

В Николаевском районе предусматривалось выловить 70% квот. The fall chum commercial fishery organization and regulating measures were discussed on August 11th (Protocol № 14 <http://atu-fishcom.ru/upload/anadrom%20fish/protocol%2014%20rasp%2015.pdf> of August 11th 2017). Overall for the Amur river and Amur liman the quota was over 20 thousands t (p. 3).

Paragraph 7.1 stated that KhabarovskTINRO will prepare justifications for additional catch volume when catches reach 70% of initial quota (p. 4).

At this meeting, KhabarovskTINRO researchers reported that during the period August 3-10 2017, summer chum and pink spawning escapement assessment works were carried out in the Amur liman and the north part of the Amur liman. Also they counted producers of both species on the spawning grounds and number of spawning redds. Since optimal spawning escapement goals for summer chum and pink salmon were met and weak run tendency persisted, KhabarovskTINRO recommended to discuss establishment of additional passing days. They also suggested earlier closure of pink and summer chum fishery - on August 15th 2017 (pp. 8-9). D.B. Kotsyuk informed that summer salmon run analysis conducted by KhabarovskTINRO specialists based the data from ATU FFA on issued fishing license shows that in 2017, the number of fishing gear set for salmon catch was twice bigger that average for the previous years (p. 9). They specified optimal number of fishing gear by species:

- stationary fishing gear (stationary trap net and zaezdok) - 27;
- fixed and floating nets - 2,500.

On August 29th (Protocol 18 <http://atu-fishcom.ru/upload/anadrom%20fish/protocol%2018%20rasp%2019.pdf>, p. 13), the Commission gave a hearing to Amurbyvod suggestion to establish additional measured to ensure fall chum escapement to LRZs in Amgun and Anyui rivers within Amur river basin adjacent to these rivers.

As usual, in 2017 Khabarovsk TINRO monitoring was carried out at salmon fisheries instead of spawning grounds (p. 14).

On September 8th 2017, total quota for fall chum catch in Amur river and the liman was increased up to 10,5 thousands t (Protocol 21 <http://atu-fishcom.ru/upload/anadrom%20fish/protocol%2021%20rasp%2023.pdf>). The Commission discussed information that according to the Russian Fishery Council for industrial fishery FFA of 07.09.2017 N 48, delivered by ATU FFA of 08.09.2017 N 02-2217129, recommended to increase chum catch in the basin of Amur river and the Amur liman in 2017 up to 10,500 t (from 21,576 t to 32,076 t). It was suggested, taking into account recommended increased catch, to set fall chum reserve in the Amur river basin and the northern part of the liman as 10,511.84 t (p. 2). Also, the Commission determined additional passing periods for fall chum salmon (p. 3).

On September 12th, the Commission established additional in-season passing days for fall chum (Protocol № 22 <http://atu-fishcom.ru/upload/anadrom%20fish/protocol%2022%20rasp%2024.pdf> of 12.09.2017, pp. 3-4). They also discussed information provided by the Administration of Ministry of International Affairs (UMVD) in Khabarovsk region that in the spawning rivers of Ulchsky district (Gera, Akcha, Khilka) fall chum salmon producers are almost absent. They considered to recommend Khabarovsk TINRO to conduct additional monitoring of fall chum spawners escapement to the spawning rivers of the district (5).

The Commission Protocol 19 (<http://atu-fishcom.ru/upload/anadrom%20fish/protocol%2024%20rasp%2026.pdf>) of September 17, noted that due to the low intensity of fall chum run in the Amur river and to achieve optimal spawning escapement, they determined that fishing ban for commercial, coastal, traditional fisheries in 2017 will be put on September 22-24 (p. 3).

Kolomoets M.V. (Amurbyvod) reported to the Commission that due to weak spawning run, state task for fall chum salmon hatching on LRZ of Khabarovsk region as of 29.09.2017 is completed by less than 10% (Protocol 28 <http://atu-fishcom.ru/upload/anadrom%20fish/protocol%2028%20rasp%2030.pdf>, of September 29, pp. 2). Fishery control measures were recommended to be enforced.