

Proposed Otolith Marks of Salmon in Russia for Brood Year 2001

by

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Marking of salmon has been traditionally used to identify fishes artificial origin in mixed-stock catches in sea and freshwater. Otolith marking program developing in three regions of Russian Far East: Magadan, Kamchatka and Sakhalin. 13 hatcheries will take part in this program in 2001.

We sent information from our colleagues from KamchatNIRO, SakhNIRO, and Sakhrivod about marking otolith program and summed it. We plan to mark most of all embryos 5 species of salmon – chum, coho, sockeye, chinook and pink.

We will be use thermal and dry marking in more than 20 discrete patterns. We plan to use more than three bands in the first ring in otolith mark.

The proposed otolith marks for salmon in Russia for 2001 brood year is shown in Tabl.

Russian otolith marking plan for 2001 brood year stocks

NO	BROOD YEAR	YEAR OF RELEASE	SPECIES	STATE/ PROVINCE	REGION	AGENCY	FACILITY	RBr CODE	HATCH CODE	PREHATCH GRAPHIC IMAGE	POSTHATCH GRAPHIC	MARK SCHEDULE	TEMP SHIFT DIRECTION
R01-01	2001	2002	Chum	Magadan	Tauy Bay	ORV - MoTINRO	Yana Hatchery	1[1.6]	6H			(6?)24C:24H	Dry or down 3C
R01-02	2001	2002	Coho	Magadan	Tauy Bay	ORV - MoTINRO	Yana Hatchery	1[1.6]	6H			(6?)24C:24H	Dry or down 3C
R01-03	2001	2002	Sockeye	Magadan	Tauy Bay	ORV - MoTINRO	Yana Hatchery	1[1.6]	6H			(6?)24C:24H	Dry or down 3C
R01-04	2001	2002	Chum	Magadan	Tauy Bay	ORV - MoTINRO	Ola Hatchery	1[1.5-2.2]	5-2H			(4?)24D:24W,(1X)24D:72W,(2X)24D:24W	Dry or up 3-4C
R01-05	2001	2002	Coho	Magadan	Tauy Bay	ORV - MoTINRO	Ola Hatchery	1[1.5-2.2]	5-2H			(4?)24D:24W,(1X)24D:72W,(2X)24D:24W	Dry or up 3-4C
R01-06	2001	2002	Sockeye	Magadan	Tauy Bay	ORV - MoTINRO	Ola Hatchery	1[1.5-2.2]	5-2H			(4?)24D:24W,(1X)24D:72W,(2X)24D:24W	Dry or up 3-4C
R01-07	2001	2002	Chum	Magadan	Tauy Bay	ORV - MoTINRO	Arman Hatchery	1[1.5-2.3]	5-3H			(4?)24D:24W,(1X)24D:72W,(3X)24D:24W	Dry or up 3-4C
R01-08	2001	2002	Coho	Magadan	Tauy Bay	ORV - MoTINRO	Arman Hatchery	1[1.5-2.3]	5-3H			(4?)24D:24W,(1X)24D:72W,(3X)24D:24W	Dry or up 3-4C
R01-09	2001	2002	Sockeye	Magadan	Tauy Bay	ORV - MoTINRO	Arman Hatchery	1[1.5-2.3]	5-3H			(4?)24D:24W,(1X)24D:72W,(3X)24D:24W	Dry or up 3-4C
R01-10	2001	2002	Chum	Magadan	Tauy Bay	ORV - MoTINRO	Tauy Hatchery	1[1.5]	5H			(5?)24C:24H	Dry or up 3-4C
R01-11	2001	2002	Coho	Magadan	Tauy Bay	ORV - MoTINRO	Tauy Hatchery	1[1.5]	5H			(5?)24C:24H	Dry or up 3-4C
R01-12	2001	2002	Sockeye	Magadan	Tauy Bay	ORV - MoTINRO	Tauy Hatchery	1[1.5]	5H			(5?)24C:24H	Dry or up 3-4C
R01-13	2001	2002	Sockeye	Kamchatka	West Kam	KamchatRV - KamchatNIRO	Malkinsky Hatchery	1[1.3,2.4]	3,4H			(2X)24H:24C,(1X)24H:48C,(4X)24H:24C	Up 3C
R01-14	2001	2002	Chinook	Kamchatka	West Kam	KamchatRV - KamchatNIRO	Malkinsky Hatchery	2[1.3,2.2]	H3,2			(2X)24H:24C,(1X)24H:48C,(2X)24H:24C	Up 3C
R01-15	2001	2002	Sockeye	Kamchatka	West Kam	KamchatRV - KamchatNIRO	Ozerky Hatchery	1[1.3-2.5]	3-5H			(2X)24D:24W,(1X)24D:56W,(5X)24D:24W	Dry
R01-16	2001	2002	Chum	Kamchatka	West Kam	KamchatRV - KamchatNIRO	Ozerky Hatchery	1[1.3-2.5]	3-5H			(2X)24D:24W,(1X)24D:56W,(5X)24D:24W	Dry
R01-17	2001	2002	Chum	Kamchatka	East Kam	KamchatRV - KamchatNIRO	Ketkino Hatchery	1[1.3-2.3]	3-3H			(2X)24D:24W,(1X)24D:56W,(3X)24D:24W	Dry
R01-18	2001	2002	Chum	Kamchatka	East Kam	KamchatRV - KamchatNIRO	Paratunsky Hatcherv	1[1.3-2.2n]	3-2nH			(2X)24D:24W,(1X)24D:56W,(2X)12D:12W	Dry?
R01-19	2001	2002	Coho	Kamchatka	East Kam	KamchatRV - KamchatNIRO	Paratunsky Hatcherv	1[1.3-2.2n]	3-2nH			(2X)24D:24W,(1X)24D:56W,(2X)12D:12W	Dry?
R01-20	2001	2002	Pink	Sakhalin	Aniva Bay	SakhRV - SakhNIRO	Aniva Hatchery	1[1.3-2.3]	3-3H			(2X)24D:24W,(1X)24D:72W,(3X)24D:24W	Dry
R01-21	2001	2002	Pink	Sakhalin	Sakhalin	SakhRV - SakhNIRO	Taranaisky Hatchery	1[1.3-2.2,3.1]	3-2,1H			(2X)24D:24W,(1X)24D:72W,(1X)24D:24W	Dry
R01-22	2001	2002	Pink	Sakhalin	Sakhalin	SakhRV - SakhNIRO	Monetka	1[1.3-2.1,3.2]	3-2,2H			(2X)24D:24W,(2X)24D:72W,(2X)24D:24W	Dry
R01-23	2001	2002	Chum	Sakhalin	Sakhalin	SakhRV - SakhNIRO	Bereznykovsky Hatcherv	1[1.4-2.1,3.2]	4-1,2H			(3X)24H:24C,(1X)24H:72C,(1X)24H:48C	Up 3C
R01-24	2001	2002	Chum	Sakhalin	Sakhalin	SakhRV - SakhNIRO	Sokolovskiy Hatcherv	1[1.4-2.3]	4-3H			(2X)24H:24C,(1X)24C:72H,(3X)24C:24H	down 3C