

Appendix 2. Description of the experimental enterprise with photographs

Common data.

The basic enterprise is a company with limited responsibility (CLR) named “The Logging Enterprise Chimskoe”.

The whereabouts of the company is as follows: 169253, Russian Federation, Republic of Komi, Udorsky region, village Chim.

The industrial area of the enterprise makes 48 010.5 hectares (48 000 hectares of standing timber (including 8 000 hectares of annual exploiting wood), 10,5 hectares occupied by the industrial base (dead-end siding, lumber yard, mechanical-repair department, office and other subsidiary areas).

Two main licensed kinds of activity of the company are felling and sawing.

The lespromchoz exists since 1998. It was created by amalgamation and extension of two logging enterprises. The real technical reequipment began in August 2000.

The Logging Enterprise Chimskoe delivers production to pulp and paper mills, and other processors. Demand for production of the timber enterprise (merchantable wood, round wood, saw-timbers) is all-the-year-round. The basis cycle of manufacture is from middle of autumn up to middle of spring. The basic kind of activity of the company is production of strength timber (round wood, (round timber)). Available wood is in long-term rent. Volume of annual cutting down makes 40.3 thousand m³.

Description of rented timberland.

The owner of woodlots is “The Timber Enterprise Ertomsky » of the central administrative board of natural resources of Komi Republic.

The rented timberland is located within the bounds of the Udorsky administrative area. It is the part of the middle-taiga forestry district of the area named “The Flat Woods of the European Part of Russia” and is included into the 2nd and the 3rd categories of wood.

The overall store of mature and overmature forest of the maintained timber makes 1900 thousand m³. The calculated woodcutting area makes 40.3 thousand m³, including 36.3 thousand m³ of productive areas (32.9 thousand m³ of them belong to a coniferous farm).

The total area of the rented land makes 48 thousand hectares, including 46 thousand hectares of maintained woods.

According to the plan of felling the cutting area places taking into account the coordinated and authorized scheme of transport development of a rented site.

The aggregate length of the all-the-year-round highway makes 23 km; the extent of by-way makes 55 km.

The average species structure of the maintained wood on the rented territory makes 7E1C2B of the 5 growth class.

On the territory of the forestry Chimskoe the rivers flow on which the water protection zone should be allocated.

№	Name of a river	Flowing into ...		Extent of a river, km		Width of the water protection zone, m
		Name of a river	Bank of a river	Total	Within the district	
1	Tylael stream	Evva river	Left	12	12	100
2	Suboch river	Evva river	Left	28	28	100
3	Pinadiel stream	Suboch river	Left	11	11	100
4	Vezhayu river	Evva river	Left	46	46	100
5	Madmas stream	Evva river	Left	35	35	100
6	Vyrbei stream	Turunandzi	Right	17	17	100

№	Name of a river	Flowing into ...		Extent of a river, km		Width of the water protection zone, m
		Name of a river	Bank of a river	Total	Within the district	
		river				
7	Diniel stream	Nenyu river	Right	11	11	100
8	Myrich river	Evva river	Left	30	30	100
9	Turunandzi river	Kosyu river	Left	18	18	100

There is an especially secured marsh reserve Ydzhid-Nyur № 1921 on the territory of the 146th and the 147th blocks of the Chimskoe forestry.

Description of products

The extractive merchantable wood is divided into several groups:

1. bolt timber of coniferous species of the 1st-3rd types of wood (pine, fur-tree, larch), diameter over 14 cm, length over 3 m depending on an order;
2. pulpwood of coniferous species of the 1st-3rd types of wood (pine, fur-tree, larch), diameter over 6 cm, length over 2 m depending on an order;
3. bolt timber of foliferous wood of the 1st-3rd types (birch, aspen), diameter over 14 cm, length over 3 m depending on an order;
4. pulpwood of foliferous wood of the 1st-3rd types (birch, aspen), diameter over 6 cm, length over 2 m depending on an order;
5. technical raw materials of coniferous and foliferous species (dead wood);
6. firewood of coniferous and foliferous species (slab, top part of a trunk, logs not corresponding to the merchantable wood all-Union State Standard);

In total there are 14 names, taking into account division by species.

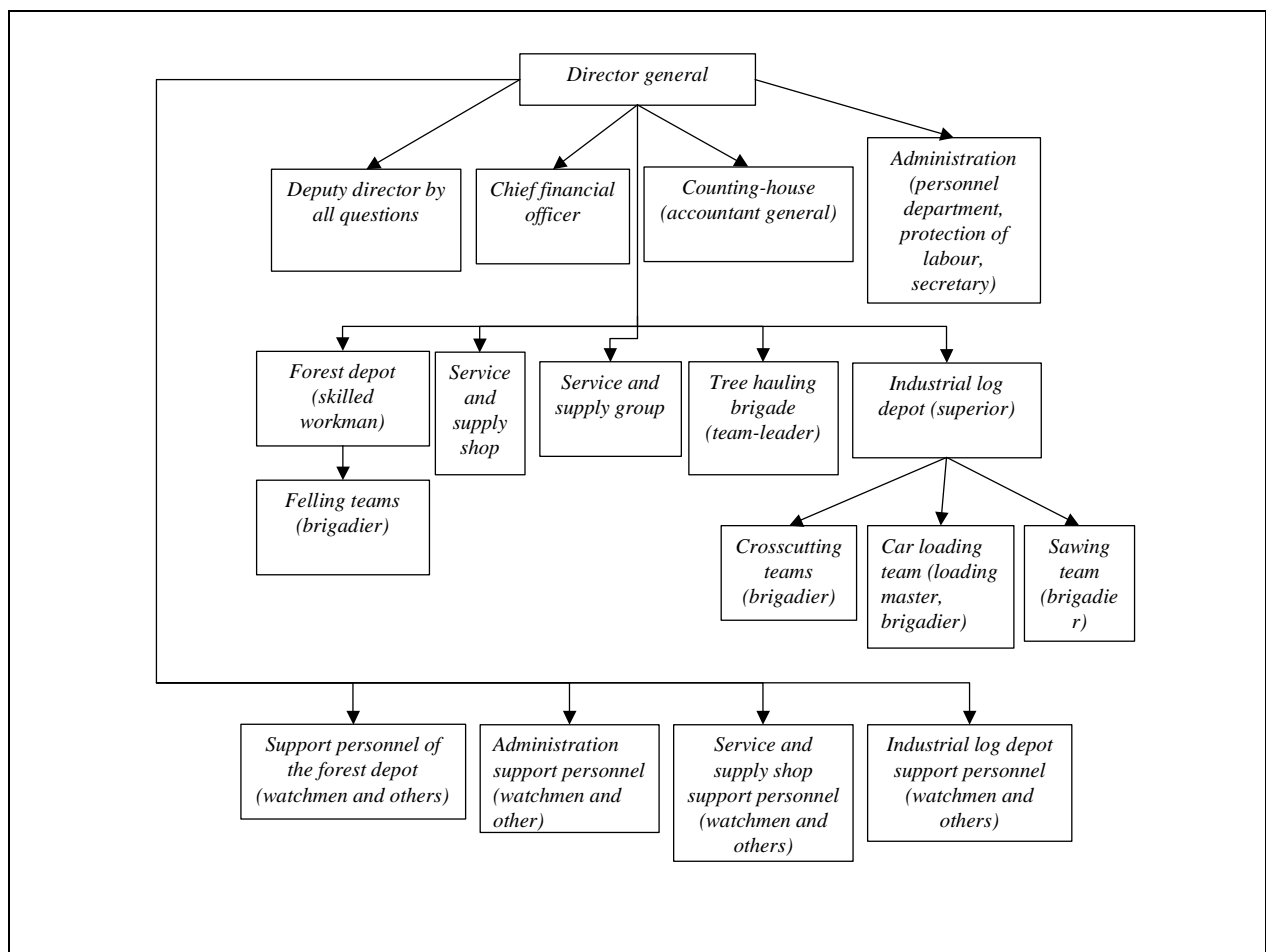
Fixed assets of the logging enterprise “Chimskoe”:

NAME	QUANTITY
Tractor TDT-55 (skidder)	18
Tractor TDT-55 (lopping machine)	4
Tractor T-150 with manipulator	1
Tractor K-700	1
Tractor K-701	1
Tractor LP-30B (jawbone loader)	2
Bulldozer B-171	1
Bulldozer DZ-170	1
MAZ-6303-026 (short log truck)	1
MAZ-509 (timber lorry)	4
MAZ-543403-2120P (timber lorry)	2
Trailer TMZ-3 (tree-length lorry)	5
KAMAZ-4310	2
Truck crane MAZ KS-3577-3	2
GAZ –3284 (tank truck)	1
GAZ -66-1	4
UAZ -22069	4
Petrol saw “Khuskvarna” 262R	12
Frame crane	3
Power-saw bench L-63	2
Band power-saw bench LP-100	2
Multirip bench	1

NAME	QUANTITY
Industrial areas (branch lines, railway tracks, buildings of the tractor workshop, the repair hangar, the turnery and the smithy, the boiler-house and the office).	
Industrial and household equipment (gasoline blow torch, generators, compressors, perforators, screw-cutting and boring lathes, welding apparatus, grinding equipment, etc.)	
Office equipment (personal computers, faxes, Xeroxes, telephone sets)	
The dead-end siding is the property of the enterprise and has two streams of equal capacity (two railway tracks, four gantry cranes). One line is started. Its shipping capacity makes 10 cars per day, that is 3 000 cars per one year. Volume of shipment makes about 220 000 m ³ a year. According to the documentation available on the railway, during the golden age of the branch while the second line was standing from the dead-end siding up to 270 000 m ³ were shipped per one year in the given region. Thus, after reconstruction of the dead-end siding shipping of 500 thousand m ³ of wood products per one year in all is possible.	

Calculated value of the fixed assets of the enterprise makes 39,9 million roubles.

Organizational structure of the logging enterprise “Chimskoe”



Photos



The industrial log depot, the dead-end siding and the building of the lespromchoz office.



The dead-end siding, enterprise products and the building of the splinter shop (on the background).



The building of the sawing workshop (on the right) with the overpass for round timber supply and null cycle for drying room and the deep processing workshop (on the left).



The service and supply shop area, logging tractors.



The service and supply shop area, other techniques.