

## Rates

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## Section Overview

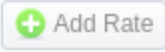



This tab is a cornerstone of the whole section, containing the list of all codes with indication of personal parameters. The tab allows adding and managing rates, as well as their mass editing, importing, and exporting.

*Screenshot: Rates window*

Rates													
<div> <div>Add Rate</div> <div>Import</div> <div>Export</div> <div>Mass Edit</div> </div> <div> <div>Rows 1 - 20</div> <div>20 +</div> <div>Page 1</div> </div>													
Rate Table	Sec Code	Code	Code Name	Rate	Effective Date	End Date	Tag	Notes	SF	Min	Int	Time Profile	
ORIG RT - Customer A		1	USA	A	0.0001 USD	2020-07-01 00:00:00+0000	2021-08-17 00:00:00	@	0	1	1	all time	
ORIG RT - Customer A		1	USA	R	0.0005 USD	2020-03-23 00:00:00+0000	2021-08-17 00:00:00	@	0	1	1	all time	
ORIG RT - Customer A		1143	USA	R	0.0005 USD	2020-03-23 00:00:00+0000	2021-08-17 00:00:00	@	0	1	1	all time	
ORIG RT - Customer A		1204	CANADA MANITOBA PROPER	R	0.0005 USD	2020-03-23 00:00:00+0000	2021-08-17 00:00:00	@	0	1	1	all time	
ORIG RT - Customer A		1226	CANADA ONTARIO PROPER	R	0.0005 USD	2020-03-23 00:00:00+0000	2021-08-17 00:00:00	@	0	1	1	all time	
ORIG RT - Customer A		1242	BARHAMAS	R	0.1741 USD	2020-03-23 00:00:00+0000	2021-08-17 00:00:00	@	0	1	1	all time	
ORIG RT - Customer A		1246	BARBADOS	R	0.2184 USD	2020-03-23 00:00:00+0000	2021-08-17 00:00:00	@	0	1	1	all time	
ORIG RT - Customer A		1250	CANADA BRITISH COLUMBIA PROPER	R	0.0005 USD	2020-03-23 00:00:00+0000	2021-08-17 00:00:00	@	0	1	1	all time	
ORIG RT - Customer A		1264	ANGULLA	R	0.1754 USD	2020-03-23 00:00:00+0000	2021-08-17 00:00:00	@	0	1	1	all time	
ORIG RT - Customer A		1268	ANTIGUA AND BARBUADA	R	0.2184 USD	2020-03-23 00:00:00+0000	2021-08-17 00:00:00	@	0	1	1	all time	
ORIG RT - Customer A		1284	VIRGIN ISLANDS UK	R	0.2118 USD	2020-03-23 00:00:00+0000	2021-08-17 00:00:00	@	0	1	1	all time	
ORIG RT - Customer A		1289	CANADA ONTARIO PROPER	R	0.0005 USD	2020-03-23 00:00:00+0000	2021-08-17 00:00:00	@	0	1	1	all time	
ORIG RT - Customer A		1306	CANADA SASKATCHEWAN PROPER	R	0.0005 USD	2020-03-23 00:00:00+0000	2021-08-17 00:00:00	@	0	1	1	all time	
ORIG RT - Customer A		1340	VIRGIN ISLANDS US	R	0.0179 USD	2020-03-23 00:00:00+0000	2021-08-17 00:00:00	@	0	1	1	all time	
ORIG RT - Customer A		1343	USA	R	0.0005 USD	2020-03-23 00:00:00+0000	2021-08-17 00:00:00	@	0	1	1	all time	
ORIG RT - Customer A		1345	CAYMAN ISLANDS	R	0.1561 USD	2020-03-23 00:00:00+0000	2021-08-17 00:00:00	@	0	1	1	all time	
ORIG RT - Customer A		1403	CANADA ALBERTA PROPER	R	0.0005 USD	2020-03-23 00:00:00+0000	2021-08-17 00:00:00	@	0	1	1	all time	
ORIG RT - Customer A		1416	CANADA TORONTO PROPER	R	0.0005 USD	2020-03-23 00:00:00+0000	2021-08-17 00:00:00	@	0	1	1	all time	
ORIG RT - Customer A		1418	CANADA QUEBEC PROPER	R	0.0005 USD	2020-03-23 00:00:00+0000	2021-08-17 00:00:00	@	0	1	1	all time	
ORIG RT - Customer A		1438	CANADA MONTREAL PROPER	R	0.0005 USD	2020-03-23 00:00:00+0000	2021-08-17 00:00:00	@	0	1	1	all time	



Column Name	Description
<b>Rate Table</b>	Rate table of a rate
<b>Src Code</b>	Source code of a rate
<b>Code</b>	Destination code of a rate
<b>Code Name</b>	Destination code name of a rate
<b>Policy</b>	Policy of a rate (A for <b>additive</b> , R for <b>regular</b> )
<b>Rate</b>	Price per unit of service
<b>Effective Date</b>	Date when a rate becomes active
<b>End Date</b>	Date when a rate expires
<b>Tag</b>	Tag of a rate
<b>Notes</b>	Additional information about a rate
<b>SF</b>	Setup fee of a rate
<b>Min</b>	Minimal billed volume
<b>Int</b>	Billed interval
<b>Time Profile</b>	Time profile of a rate

**Functional buttons and icons**, presented in the section, are as follows:

Button/Icon	Description
	Allows adding a new rate to the system
	<p>Allows editing a rate</p> <div>  <b>Attention</b>  Please note that a rate cannot be edited if it was created along with a special rate. For editing such a rate, go to the <b>Special Rates</b> section and edit a respective special rate. </div>
	Allows deleting a rate from the system

## Adding New Rate

To create a new rate for a target code, you need to click **Add Rate**, and the following fields will appear:

Field	Description
<b>Rate Table</b>	Indicate a rate table for a new rate
<b>Code</b>	<p>Indicate a destination code for a new rate</p> <div>  The field accepts multiple values, delimited by a comma, or ranges. </div>
<b>Code Name</b>	Name of a destination code group
<b>Src Code</b>	<p>Specify a source code for a new rate</p> <div>  <b>Attention</b>  Please note that <b>rates with Src Codes are not used</b> when termination tariffs are chosen for Dynamic Routing. This functionality is going to be reworked in the upcoming releases. </div>
<b>Src Code Name</b>	Indicate a source code name
<b>Rate</b>	Price per unit of a service
<b>Interval</b>	Tariffication interval. This parameter is used when <b>Min Volume</b> expires. For instance, if call time is <b>26</b> seconds, <b>Min Volume</b> is <b>25</b> , and <b>Interval</b> is <b>8</b> , the client will pay for <b>33</b> seconds
<b>Min Volume</b>	Minimal time of the call that will be tariffed. For example, if the total call time was <b>20</b> seconds and the <b>Min Volume</b> is <b>30</b> , the client will pay for <b>30</b> seconds of the call.
<b>Grace Volume</b>	Time interval that will not be tariffed (free time). For instance, if you specified 5 sec as <b>Grace Volume</b> , all calls with duration up to 5 seconds (including calls with a session time of 5 seconds) will be free of charge.
<b>Setup Fee</b>	Setup fee (charged when event duration is <b>longer than 0 seconds</b> )
<b>Effective Date</b>	Rate start date (newest available rate for a particular destination)
<b>End Date</b>	After a specified date, the target rate will not be used
<b>Services</b>	Select a service for a current rate (calls, SMSs, data)

<b>Policy</b>	<p>This option allows selecting a rate type for a code: regular rate or an additive (extra) rate:</p> <ul style="list-style-type: none"> <li>◦ <b>regular rate</b> - this policy signifies a usual rate definition for the event;</li> <li>◦ <b>additive (extra) rate</b> - this policy signifies that this rate will be added to a regular rate for the event.</li> </ul> <p>During billing, the system takes one regular rate and all additive (extra) rates that are appropriate for the call. Please note, a regular /additive rate table will be determined by accessible dynamic and static tags used for the call.</p> <div style="background-color: #ffffcc; padding: 10px; border: 1px solid #ccc;"> <p><b>⚠ Attention</b></p> <p>Please note that the system uses <b>only the 'Rate' parameter from the additive rates' settings</b> when billing.</p> </div>
<b>Time Profile</b>	Time profile that will be used for a current rate. For example, <b>business time, non-business time, weekends</b> , etc.
<b>Tag</b>	Specify a tag for the respective rates. If it's not applicable, assign a <b>(@) tag</b> as default
<b>Notes</b>	Additional information about the current rate
<b>Stash Future Rates</b>	<p>Select what the system should do to the future rates for the same destinations existing in the system:</p> <ul style="list-style-type: none"> <li>• <b>preserve</b>;</li> <li>• <b>stash</b>.</li> </ul>
<b>Force Notification</b>	<p>Select the system behavior regarding the notification process for the newly created rate:</p> <ul style="list-style-type: none"> <li>• <b>hold</b>;</li> <li>• <b>force</b>.</li> </ul>
<b>Number Length</b>	<p>Specify a minimum and maximum length of the destination number.</p> <p>For example, if you have a rate of <b>3 USD</b> for <b>123 Dst Code</b> with indicated number length from <b>6 to 9</b>, and another rate of <b>5 USD</b> for the same <b>123 Dst Code</b> without specified number length, all calls with a <b>Dst Number</b> between <b>6</b> and <b>9</b> digits will be billed by <b>3 USD</b>, otherwise, by <b>5 USD</b>.</p>

Screenshot: Adding a New Rate

Rates

#### GENERAL SETTINGS

Rate Table:

Src Code:

Src Code Name:

Code:

Code Name:

#### LIMITATIONS

Effective Date:

End Date:

Services:

Policy:

Time Profile:

#### RATING SETTINGS

Rate:  USD

Interval:  sec

Min Volume:  sec

Grace Volume:  sec

Setup Fee:  USD

#### EXTRA

Tag:

Notes:

Stash Future Rates:

Force Notification:

Number Length:  —


After you finish filling in all the fields, click .

## Editing Rate

Starting from the v.3.18, there is a possibility of inline rates editing. For this, click on a respective rate line once. You will be able to correct the **Src** and **Dst Code**, **Rate**, **Effective Date**, **Notes**, **SF**, **Min**, **Int**, and **Time Profile** columns:

Screenshot: *Inline editing a Rate*

Rate Table	Src Code	Src Code Name	Code	Code Name	Rate	Effective Date	Notes	SF	Min	Int	Policy	Time Profile		
RT 0 ORIG			1	USA	2 USD	2018-12-15 10:20:41		2	1	1	Regular	non-business	✓	✖

When you are done, click the  icon to confirm the change without page reload.

### ⚠ Attention

After a rate was updated, it is still present in the list of filtered rates (if enabled) regardless of the set values. You need to **update the page** to see the filtered list without the changed rate (if the changes do not align with the filter).


## Mass Rate Edit

It's possible to make a mass update of the rates filtered by the rate table by clicking on Mass Edit. The drop-down menu will appear, where you need to fill in the fields according to your needs. There are six general parameters that can be applied to a field:

- **preserve** - the default configuration that saves the rate not edited. Leave this parameter unchanged if required;
- **set to** - it allows to edit rates, for example, specify the same effective date for all rates at once, regardless of previous configurations;
- **inc for** - here you can indicate how the original value increased;
- **dec for** - here you can indicate how the original value decreased;
- **absolute** - take the entered value as an absolute one;
- **relative** - take the entered value as a relative one.

The list of mass edit fields is as follows:

Screenshot: *Mass Edit button*

 **Mass Edit**

Status:

Rate:

SF:

Tag:

Min Volume:

Interval:

Grace Volume:

Effective Date:



End Date:

Time Profile:

Notes:

Number Length min:

Number Length max:

Field	Description
<b>Status</b>	Change rates statuses. Available options: <b>preserve, set to</b>
<b>Rate</b>	<p>Change rates values. Available options: <b>preserve, set to, inc for, dec for, absolute, relative</b>. You can increase or decrease the value either by fixed number or percent. To increase or decrease by percent, enter % sign after the desired number.</p> <div>  <b>Warning</b>  Do not enter non-numeric symbols. </div>
<b>SF</b>	<p>Change setup fee values. Available options: <b>preserve, set to, inc for, dec for, absolute, relative</b>. You can increase or decrease the value either by fixed number or percent. To increase or decrease by percent, enter % sign after the desired number.</p> <div>  <b>Warning</b>  Do not enter non-numeric symbols. </div>
<b>Tag</b>	Change rates tags. Available options: <b>preserve, set to</b>
<b>Min. Volume</b>	Change minimal volume values. Available options: <b>preserve, set to</b>
<b>Interval</b>	Change tariffication interval values. Available options: <b>preserve, set to</b>
<b>Grace Volume</b>	Change grace volume values. Available options: <b>preserve, set to</b>
<b>Effective Date</b>	Change rates start date values. Available options: <b>preserve, set to</b>
<b>End Date</b>	Change rates end date values. Available options: <b>preserve, set to</b>
<b>Time Profile</b>	Change rates profiles. Available options: <b>preserve, set to</b>
<b>Notes</b>	Change rates notes. Available options: <b>preserve, set to</b>
<b>Number Length Min</b>	Change the minimum length of destination numbers. Available options: <b>preserve, set to</b>
<b>Number Length Max</b>	Change the maximum length of destination numbers. Available options: <b>preserve, set to</b>

After indicating the necessary fields, click the **Preview** button. You will see a new rate table with edited details, where you can choose one of the following options:

- By clicking **Insert As New**, the edited rates will be added as new ones that will replace existent under specified conditions (for example, change of rate and effective date);
- By clicking **Update Current**, the edited rates will have their values updated with the new ones;

To delete all displayed rates, click **Delete All** in a Mass Edit menu.

## Advanced Search

Use the **Advanced Search** drop-down menu (see screenshot) by clicking on a blue downward arrow icon in the top right corner of the tab. To open additional settings, click the **Advanced** button.

*Screenshot: Rates tab search settings*

⬆

Rate Table:

current/future ▼

2020-06-17 09:16:03

sent/not sent ▼

Code:

Time Profile:

Prev Diff Status:

Code Name:

Tag: @

Next Diff Status:

Advanced
Query

Field	Description
<b>Rate Table</b>	Filter rates by a selected <b>rate table</b>
<b>State</b>	<p>Search by <b>the period of a rate</b> during which the rate is active, expired, etc., as compared to the date specified in the next field. The following states are available to choose from a drop-down list:</p> <ul style="list-style-type: none"> <li>• <b>current/future</b> - includes current and future rates</li> <li>• <b>current on</b> - the search includes rates that are active for a specified date</li> <li>• <b>future for</b> - the future rates compared with a specified date</li> <li>• <b>past for</b> - the search rates that are expired for a specified date</li> <li>• <b>all</b> - includes all rates</li> </ul>
<b>Time Profile</b>	Search by the <b>time profile</b> of the rate
<b>Tag</b>	Search by an <b>assigned tag</b>
<b>Notification status</b>	<p>Search by the <b>date of rate notifications</b> to the clients:</p> <ul style="list-style-type: none"> <li>• <b>sent/not sent</b></li> <li>• <b>sent</b></li> <li>• <b>not sent</b></li> </ul> <p>The field will be autocompleted with a date of the last notification of the filtered rates.</p>
<b>Prev Diff Status</b>	<p>Search by <b>the cost changes of the current rate from previous</b>. The following types are available to choose from a drop-down list:</p> <ul style="list-style-type: none"> <li>• <b>Decreased</b></li> <li>• <b>Increased</b></li> <li>• <b>Not changed</b></li> <li>• <b>New</b></li> </ul>
<b>Next Diff Status</b>	<p>Search by <b>the cost changes of the next rate from the current</b>. The following types are available to choose from a drop-down list:</p> <ul style="list-style-type: none"> <li>• <b>Decreased</b></li> <li>• <b>Increased</b></li> <li>• <b>Not changed</b></li> <li>• <b>New</b></li> </ul>

When you have a filtered output and want to add a new rate, it will inherit filtered settings (a.k.a. will have them autocompleted in the adding form). These settings are **Rate Table**, **Policy**, **Time Profile**, **Service**, **Tag**.

#### Attention

When you filter rates by the state (for example, **current/future**, **future for**, **current on**), the **stashed** (not-confirmed) rates will not show up in the search results. To include these rates, choose **all** from the drop-down list.

## Stashed rates

If you see the rate rows colored in yellow, it means these rates are in pending state and you need to confirm them all (click the **Confirm Filtered Rates** button). Unconfirmed rates appear during the import process.

Screenshot: Rates tab settings

Src Code	Src Code Name	Dst Code	Dst Code Name	Rate	Effective Date	Min	Int	Extra	
902	Canada	1210	United States	— 0.9900	2018-12-12 00:00:00+00	1	1	TP: all time	Stashed
782	Canada	1212	United States	3.0000 ▾ 2.0000	2018-12-12 00:00:00+00	1	1	TP: all time	Stashed
778	Canada	1205	United States	— 0.8700	2018-12-12 00:00:00+00	1	1	TP: all time	Stashed
709	Canada	1209	United States	1.4000 ▲ 2.0000	2018-12-12 00:00:00+00	1	1	TP: all time	Stashed
604	Canada	1203	United States	— 0.8700	2018-12-12 00:00:00+00	1	1	TP: all time	Stashed
506	Canada	1207	United States	— 0.9900	2018-12-12 00:00:00+00	1	1	TP: all time	Stashed
431	Canada	1201	United States	1.0000 1.0000	2018-12-12 00:00:00+00	1	1	TP: all time	Stashed
250	Canada	1202	United States	— 0.9900	2018-12-12 00:00:00+00	1	1	TP: all time	Stashed
236	Canada	1206	United States	— 0.8700	2018-12-12 00:00:00+00	1	1	TP: all time	Stashed

Confirm Filtered Rates

OKCancelApply