

# Alaris SMS Platform

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## Release notes

version 3.6.0

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


# 1 Enhancements

## General

- The logic of hotkeys has been implemented, which can be used to quickly navigate through the interface:
  - a. The Ctrl+Alt+T key combination restores the previously closed tabs of the System.
  - b. The Ctrl+Alt+` combination works similarly to Ctrl+Alt (in Windows): it opens a window containing lists of open interfaces for quick navigation.
  - c. Ctrl+Alt+Q: opens a quick menu in the lower panel of the System with the possibility to enter or manually select an interface to open. A corresponding keyboard shortcut is added next to the *Start* menu. For interfaces that have the same name in Alaris inVoice and Alaris SMS Platform (for example, *Limitation rules*), a color tip has been added on the right side, corresponding to the colors of the interfaces (blue for Alaris inVoice, green for Alaris SMS Platform).
  - d. If the cursor is placed in a field on the *Add/Edit* panel, the *Delete*, *Clone*, *Reset*, *Submit* buttons can be invoked using hotkeys when Ctrl+Alt is pressed. The list of keys is also available when Ctrl+Alt is pressed: D for Delete, C for Clone, R for Reset, S for Submit.
  - e. When Ctrl+Alt is pressed, the icons/names of open interfaces are changed to sequential numbers - pressing the required number (e.g. 2) while Ctrl+Alt is pressed switches to the specified interface.
  - f. The hotkeys Ctrl+Alt+Page Up are used to open the first tab and Ctrl+Alt+Page Down to open the last tab. Additionally, you can use arrows (also in combination with Ctrl+Alt) to move between open and second-level interfaces and subtabs (for example, in the *Carriers* interface).

You can additionally check System shortcuts (Keyboard shortcuts), as well as add custom shortcuts in the list called by Ctrl+Alt+Fn+F1 or Ctrl+Alt+F1, or the *User shortcuts* menu. It should be noted that custom settings are saved at the browser level - you cannot assign a combination that is already used by the System. The changes take effect after restarting the web interface of the System.

- Two-factor authentication has been redesigned: user settings (*Settings/User settings* interface) now contain a separate *Two-factor authentication (2FA)* block with brief instructions on how to enable 2FA. If the user does not have the *Security policy control* role, they will not be able to edit this block - a pop-up window will appear when hovering over the uneditable section. In the new version, the user must additionally have the *User administration* permission to be able to configure 2FA for other users. If 2FA has been enabled by another user, the user cannot disable 2FA.
  - Verification has been added that the parameters of the created task (for example, in the *EDR export tool* interface) do not coincide with previously created tasks. If they do, an error will be displayed if the verification interval is not passed (default: 1 minute). Additionally, a verification is performed to make sure that a task with the same parameters is not among the unfinished tasks (interval between task creation: 6 hours). To change the intervals, contact the Alaris technical support team and report the code BZ71656. Note that the verification does not apply to the *Simulation* interface.
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- The new System parameter *Forbidden character sequences* (possible values are 0 and 1) has been added to enable improved password creation policy for the main web interface. The default value is 1 (logic enabled). When logic is enabled and a password is changed or assigned, the following verifications will be performed:
    - 1) the password does not contain the user's login name
    - 2) the password is not included in the black list, which is set by default and contains the most compromised passwords (for example, qwerty). The list can be supplemented through the technical support service by providing the code BZ49367Otherwise, an error message is shown.
  - The *Unique field* flag has been added for the *Number* and *Text field* types. Parameters containing the flag must have unique values when creating or editing the corresponding entity. For example, if this entry is specified for the parameter named *Super email* which was created for the *Account* entity, then the *Super email* field for each of the accounts must have a unique value, otherwise the error "The parameter must be unique" appears.
  - The authorization form for the main (admin) System interface has been enhanced. A video background has been added, which can be disabled either at the System level (by contacting Technical support team and specifying the code BZ71894) or at the user level. Enabling and disabling at the user level is possible if the background is enabled at the System level. It is enabled/disabled by the *Animated login background* flag in the *User settings* interface.
  - Operations with presets have been modified - particularly, in the *EDR export* and *Rate export* interfaces. Buttons for working with presets (*Load*, *Save*, *Delete*) have been changed to icons (*Save/Rename* , *Delete*  and *Reset selected preset* ). If no preset is selected, only the *Save/Rename*  button is available. When selecting a preset and changing any filters for the loaded preset, the icon is displayed with a blue dot. When you click *Save/Rename*  for the modified preset, a window appears with a choice: update the current preset or save the changes as a new preset.
  - The new System parameter *Inactivity logout timeout, min* has been added that allows setting values from 1 to 60 (in minutes) for the automatic logout timeout in case of user inactivity (the default value is 15). User activity is defined by the cursor movement on System tabs. The timeout counting starts as soon as the user switches to another tab or minimizes the browser window. Note that the setting does not affect users with the enabled new permission *Ignore inactivity logout timeout*. The new permission is automatically granted to users having the *No restrictions* role.
  - It has been allowed to specify negative values as tax (from -100 to 100) in the parameters of the *Contract companies* interface:
    - *Default tax percent for client*
    - *Default tax percent for vendor*and agreement parameters:
    - *In tax rate*
    - *Out tax rate*
    - *In default tax rate, %*
    - *Out default tax rate, %*
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- The new source for fetching exchange rates has been added - MAS ([Monetary Authority of Singapore](#)). The corresponding value should be set in the System parameter *Currency update source* (1 - BNR, 2 - ECB, 3 - CBR, 4 - ECBf, 5 - NBU, 6 - LCB, 7 - NBRB, 8 - MAS, null - disabled). Also, the following System parameter has been added: *Key ID for MAS* (*Monetary Authority of Singapore*) to specify the token to access MAS.
- The following tooltip has been added to the MCCMNC column, available when opening the MCCMNC list filter (it is available, in particular, in the *EDR export tool* or *Simulation* interfaces): "Enter one or several MCCMNCs separated by commas". Accordingly, it has been made possible to enter a multiple value in the field. Additionally, the *Net name* filter of the same control has been changed to a drop-down list.
- Warnings issued when deleting entities (for example, SMS channels) have been redesigned and made more descriptive, as the deletion of some entities affects data collected for billing and statistics.
- The *Log level* field is now hidden from the *Carriers/SMS channels* tab as it has no effect on the System operation.
- The *Bank accounts* permission has been added for access to the *Bank accounts* interface. After update to the new version, the permission will be automatically granted to all users having the *Payments* permission.
- The name of the System parameter *Calculate charge detail amount as volume \* rate* (0 - no, 1 - yes) has been changed to *Calculate charge detail as the multiplication of volume and rate* (0 - no, 1 - yes).
- Multiple choice fields (e.g. *EDR fields to export*) are now marked as mandatory. Previously, even if a field was mandatory for selection, it was not marked with a red asterisk.
- Previously, modules responsible for generating XLS/XLSX documents (docprocessor), sending emails and processing SMS test tasks recorded internal logs in GMT timezone. Starting from the new version, the time zone of a server will be used.
- Upon entering an incorrect login or password to access the web interface, the password field is automatically cleared.
- The outdated *Report schedule* permission was removed.
- The descriptions of System jobs have been refined.
- Dial codes uploading has been optimized.
- Invoices and rates will not be sent to partner users' emails if the user is inactive (even if the *Send invoices* and *send to partner emails* checkboxes are enabled, respectively).
- Possibility has been added for *Outgoing email accounts* to send emails using OAuth. New fields *OAuth Token*, *Client ID* and *Client Secret* have been added. If the *OAuth Token* field is not filled in, OAuth is not used for sending. The enhancement applies only to Google mail servers.

The following steps will be required to obtain the accesses (token, ID, secret):

1. Create a project or use an existing one:  
<https://console.cloud.google.com/projectsselector2/apis/dashboard?supportedpurview=project>
  2. Go to *Enable APIs & services* and enable 'Gmail API' with ENABLE APIS AND SERVICES
  3. On the *OAuth consent screen* tab create an entry (*Create button*).
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4. On the *Credentials* tab select CREATE CREDENTIALS -> OAuth client ID and specify *Application type* as 'Desktop app', save *Client ID* and *Client secret*.
5. Follow the link: [https://accounts.google.com/o/oauth2/v2/auth?scope=https://mail.google.com/&access\\_type=offline&include\\_granted\\_scopes=true&response\\_type=code&state=state\\_parameter\\_passthrough\\_value&redirect\\_uri=http://localhost&client\\_id=CLIENT\\_ID](https://accounts.google.com/o/oauth2/v2/auth?scope=https://mail.google.com/&access_type=offline&include_granted_scopes=true&response_type=code&state=state_parameter_passthrough_value&redirect_uri=http://localhost&client_id=CLIENT_ID)

where CLIENT\_ID should be replaced by a specific Client ID value. In response, a link will be received from which the value of the code field should be taken.

6. To get offline\_refresh token, send a POST request to: [https://oauth2.googleapis.com/token?code=CODE&client\\_id=ID&client\\_secret=SECRET&redirect\\_uri=http://localhost&grant\\_type=authorization\\_code](https://oauth2.googleapis.com/token?code=CODE&client_id=ID&client_secret=SECRET&redirect_uri=http://localhost&grant_type=authorization_code)

where CODE must be replaced with the code value from the previous step

ID - Client ID

SECRET - Client secret

The refresh\_token value should be saved from the response.

7. *Refresh (offline) token*, *Client ID*, *Client secret* values should be specified for the mail server in the System. The password should be left blank.

The following articles also describe the process of obtaining a token:

<https://support.google.com/cloud/answer/6158849>

<https://learn.microsoft.com/en-us/power-platform/admin/connect-gmail-oauth2>

If you have any questions, create a Helpdesk ticket with the code BZ66851.

- The *Disputed letter* template has been added to inform partners about dispute initiation. Emails are sent if the new System parameter *Send disputed letter* is enabled (by default - disabled) and the invoice has the status *Disputed* or *Disputed (manual)*. Emails are sent for vendor invoices if the invoice was registered with the *Disputed* property or if the invoice was already in the disputed status and was confirmed using the *Confirm without sending* button.

The following new markers have been added to use the template:

[PresentedAmount] - the presented amount

[DisputedAmount] - the amount of the dispute

Additionally, the following markers can be used: [ChargeAmount], [CompanyRegisteredName], [InvoiceRefNumber], [InvoicePeriod], [InvoiceRegDate], [InvoiceTimezone].

## Analytics

- Column names in the EDR export results from the *Analytics* interface are now the same as when exporting EDRs from the *EDR export tool* interface: for example, the *Billable (S)* column in EDRs exported through *Analytics* has been changed to *Billable (vendor)*. The updated list of columns is as follows:
    - *Source number (client)*
    - *Source number (vendor)*
    - *Destination number (client)*
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- *Destination number (vendor)*
- *Is successful (client)*
- *Is successful (vendor)*
- *Segment amount (client)*
- *Segment amount (vendor)*
- *Billable (client)*
- *Billable (vendor)*
- *Data coding (client)*
- *Data coding (vendor)*
- The *Attempts* column in the *Analytics* interface has been split into two ones, namely *Client attempts* and *Vendor attempts*, in order to keep separate counters, as there may be several sending attempts to vendors per one client attempt (e.g. when resending by delivery status).
- Separate columns have been added to the *sms\_cdr* table, duplicating information from *cdr\_tech\_details* (*Technical details*). These columns (*hlrcached*, *statefulprocessing*, *sapartnumber*, *hlrported*, *hlrsourcename*, *hlrSourceType*) are used to calculate analytical cubes in order to speed up the calculation (if the cube is counted by EDRs, for example, minute or hourly). Note that the new cube calculation method is only used for data that was uploaded after the date set in the hidden System parameter (the value is set on the day following the System update day). For earlier cubes the data will be taken from *cdr\_tech\_details*.
- The *Vendor product notes* layer has been added.
- The *Billable (vendor)* column was present in the EDR upload from *Analytics* even if the user did not have the *View all vendor data* permission. Starting with the new version, the column will not be available for users without the specified role.
- The EDR export file now has a more appropriate name: *edr\_export* instead of *cdr\_export*.
- Previously, if the rate value was greater than 99, it was displayed as ##### in the *Analytics* interface. This logic has been refined — starting with the new version, rates with three digits before the decimal point are displayed correctly.
- Possibility to enable the new *Message status* layer has been added. This analytical layer displays the breakdown of traffic by internal message status. To activate the feature contact the Alaris technical support team and communicate the code BZ27880.


## Billing logic

- Possibility of reverse billing of carriers for MO messages has been added. For this purpose the *Set MO reverse charge* button has been introduced on the SMS products level. It is possible to set a list of MCCMNCs for which the new logic will be supported, and enable the *Allow negative margin* checkbox.
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When the new logic is enabled, the balance change is reversed (for the selected MCCMNCs the search is performed by longest match): it is increased for the client when receiving an MO SMS, and decreased for the vendor. Note that the checkbox can be enabled for one of the legs and disabled for the other leg. Accordingly, the modified logic of balance calculation will be applied only to one party (for example, when receiving a message, the balances of the client and vendor will both increase). Also, the cost will be written to EDRs with the original rather than the opposite sign, but will be taken into account when searching for routes, calculating balances and generating analytics. Financial documents will be created with the opposite direction.

When searching routes for MO messages, margin calculation has been added calculated as the client rate minus the vendor rate. When enabling the *Set MO reverse charge* checkbox, the corresponding rate is multiplied by -1. If the *Allow negative margin* checkbox is disabled for at least one of the products (client or vendor), it is additionally verified whether the margin received is negative - in this case the message is rejected with the REVERSE CHARGE NEGATIVE MARGIN internal EDR status. To apply the reverse logic to already processed traffic, you will need to recalculate the period (to update the financial data) and request recalculation of analytical cubes from the Alaris technical support team.

## Carriers

- The *Show SMS Channels/SMS POI tabs* permission has been added to hide the corresponding tabs. The permission also affects the availability of the *Set POI routing priorities* and *Change POI routing priorities* buttons for *SMS type* products. The permission will be issued to all users with the *Carriers* permission.
- The  *Network Diagnostics* button has been added to the *Carriers/SMS channels* tab. The button can be used for checking the availability of a partner at the network level. The functionality is only available to users with the new *Network Diagnostics* permission enabled. When you click on the button, a screen is displayed where you need to fill in the parameters:
  - *Network commands*: the command that will be performed - *Ping* to check if remote hosts are reachable or *Netcat* to check if a port is reachable).
  - *Carrier*: the name of the partner; an optional informative field.
  - *IP/Hostname*: an IP address (IPv4 format) or domain name of the partner. If the *Carrier* field is filled in, the list will include IP addresses from the partner's channels. You can also specify the values manually.
  - *Local address*: the IP address of the SMS switch from which the checking should be performed, in case there are several SMS switches on different servers. If the connection to the partner is established through VPN, the VPN IP address is required (usually it is an encryption domain).
  - *Port*: partner port for the connection validation. It is an optional field, since the port is not checked at this level.

Please note that if a channel entry was previously selected, the function call will automatically fill in the fields. After filling in the data and clicking the *Run* button, the result of the command will appear in the *Output* window. The result can be copied using the *Copy to buffer* button or downloaded to a file using the *Download log* button. When the *Network Diagnostics* screen is closed, the commands that were in progress will be canceled, and the result of the commands will not be saved.

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- Previously the *SSL type* field in SMS channels was intended for reference only. Starting from the new version the value of the field will affect the type of secure connection established between the System owner and vendors. After the System update, the field value will be set to *Non secure* to avoid setting unplanned secure connections. Please note that the change will not affect secure connections with vendors previously created in the internal configuration. Also the following field values have been added:
    - *SSLv23 / TLSv1.3* - to set up connections with TLS1.2; TLS1.3 is supported only on Systems with Oracle Linux 8. To set up connections with TLS1.3 on Oracle Linux 6 contact the Alaris technical support service and provide the code BZ58974
    - *TLSv1* - to set up connections with TLS1.0
  - The *Priority* column with assigned priorities for POIs has been added to the *POI routing priorities* window of the *Products* interface. If no priority is assigned, the value random is displayed.
  - The *Bind type* field available when viewing channel statuses, has been renamed to *Bind direction*, as it displays the direction rather than the type. Additionally, the *Bind type* column has been added to display the connection type (TX, RX, TR).
  - The new *Login* column has been added for the *Carriers/SMS channels* interface with the possibility to sort and filter by it.
  - After creating an SMS POI, the SMS channel list will contain filtered values according to the product direction selected in the *Product* list.
  - Spelling of the optional fields names in *Carriers/SMS channels* was fixed:
    - *Receipted message id* > *Receipted message ID*
    - *Optional mcc* > *Optional MCC*
    - *Optional mnc* > *Optional MNC*
    - *Optional mccmnc* > *Optional MCCMNC*
  - Values for the *In time zone/Out time zone* parameters will be automatically substituted from the *Contract companies/Agreement defaults* when creating an Agreement in the main web interface. If the value is missing, the System time zone will be used.
  - Empty default values are now allowed for the following parameters of the *Agreement defaults* tab (*Legal entities/Contract companies* interface): *Default credit limit for client*, *Default credit limit for vendor*, *Default DID credit limit for client* and *Default DID credit limit for vendor*. Previously the default value was 0.
  - The *Save without priorities* button has been changed to *Reset priorities* in the *POI routing priorities* window for vendor products. In addition, the button location has been swapped with the *Cancel* button.
  - It is now possible to automatically fill the *Account alert emails* field with the email address of a partner who has registered on Campaign or Wholesale Portal. This feature can be useful for notifying partners about maintenance work resulting in portal unavailability using service notifications. To enable the functionality, please contact the Alaris technical support and provide the code BZ62874.
  - In rare cases (e.g. in cases of unstable Internet connection), the opened interface may not be loaded correctly. In such cases, the following warning message appears: 'Correct work of interface is not guaranteed. Do you want to continue?'
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- Test carriers (those with the [TEST] prefix) are now displayed at the end of the carriers list. Also, the *Show only [TEST]* checkbox has been added to show test carriers only.
- The *Highlight balance* checkbox (enabled by default) has been added to the *Accounts* page to highlight the values in the *Balance* column depending on the balance thresholds (configured at the *Accounts* or *System* level). The following highlight colors are available:
  - green: the balance value does not exceed the first threshold
  - light green: the balance value is between the first and the second threshold (excluding the second threshold value)
  - yellow: the balance value is between the second and third thresholds (excluding the third threshold value)
  - orange: the balance value is between the third and fourth thresholds (excluding the fourth threshold value)
  - light red: the balance value is between the fourth and fifth thresholds (excluding the fifth threshold value)
  - red: the balance value exceeds the fifth threshold (or is equal to the exact value of the fifth threshold)

Note that the highlighting only applies to accounts for which a client agreement is available.

## EDR management

- It is now possible to select inactive carriers for the *EDR export tool* interface.
  - The *Transaction ID* filter has been added to the *EDR export tool* interface. Multiple values must be separated by commas.
  - The checkbox *compare only billed EDRs* has been added to the *EDR reconciliation* interface compare only those EDRs that are considered to be billable from the System's point of view (columns *Billable (client)* and *Billable (vendor)* in the *EDR export tool* interface).
  - Previously, the activation code receipt time overwrote the data in the *Delivery time* column of the *EDR export tool* interface. To avoid this situation and to be able to analyze the actual delivery delay values, a separate *Activation time* column has been added.
  - The *Reference book net* column of the *EDR export tool* interface now displays only the net name (previously the country name was displayed as well).
  - The *Exclusive text pattern* field has been added to the *EDR export tool* interface to allow searching for messages the text of which text does not include the regular expression specified in the field. The former *Text pattern* field has been renamed to *Inclusive text pattern*.
  - The *Delivery Delay in Seconds* column has been removed from the *EDR export tool* interface as it duplicated the *Delivery delay (client)* column.
  - Since receiving the code activation status (ACTIVATED) overwrites the EDR or DLV status (e.g., SENT or UNDELIV), the previous status is stored in the *cdr\_extra* field of the *invoice.sms\_cdr* database table. Additionally, the value is available when exporting EDRs in *Message status before activation* column.
  - In previous System versions, when setting the *Country list* filter in the *EDR export tool* interface, some relevant EDRs could not match the filter because there was an additional verification for the country code from the e.212/e.164 reference book. The verification has been removed.
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- Filtering has been added for the *MCCMNC list* column of the *EDR rerating* interface. It is possible to specify masks (using the % symbol). Also, if several MCCMNCs are specified, the filter will show tasks that contain at least one MCCMNC from the list.
- Two columns have been added to the EDR reconciliation results in the *EDR reconciliation* interface: *Partner message status* and *Owner message status*.
- Letters containing EDR Recalculating results (manual or automatic) in the *EDR rerating* interface will be sent to the mail addresses specified in the new System parameter *Rerating alert recipients* (not filled in by default) provided that the number of recalculated records is greater than 0. The text of the letter is defined by the new template *EDR Recalculating results letter*. Supported markers for the template are:
  - [SystemOwnerName] - the name from the System parameter *System owner name*
  - [CurrentDate] - the current time in the System timezone
  - [EDRRerated] - total number of EDRs that fall into the rerated period
  - [BreakoutsAffected] - the number of rerated records
  - [PeriodRerated] - the rerated period
  - [TimeElapsed] - the time spent on recalculation (the difference between the current time and the task start time)
- Support for *masks* (\* or %) has been added for the *List of dest. numbers* field of the *EDR masking* interface. You can also specify only one symbol (\* or %) to make the rule applicable to all numbers.
- The algorithm for storing HLR reselling-related EDRs has been improved. For Systems with Oracle Standard Edition, a table for storing archived HLR EDRs has been added. For Oracle Enterprise Edition, data older than N days is deleted. N is determined by the sum of the number of days from the System parameters *Active EDR day count* and *Archive EDR day count*.

### Enterprise API

- The methods *add\_charge\_detail* and *update\_charge\_det* were combined into a single *update\_charge\_detail* method. If *det\_id* is transferred as an empty value, the logic is similar to *add\_charge\_detail*. If *det\_id* is not empty, the logic is similar to *update\_charge\_det*. Also the method description has been improved, and processing of input parameters has been enhanced.
- In the new version, the 2FA verification set for a user will be ignored for Enterprise API (EAPI) and REST API requests from that user.
- For methods of the *update\_%* type the update logic has been refined: starting with the new version it is not necessary to pass all parameters, but only those that should be updated.
- Operation of *get\_sms\_edr* method has been optimized.

### Financial module

- The value for the System settings *Global minimum client invoice amount* and *Global minimum vendor invoice amount* can now be set to 0. In this case, it is possible to generate traffic charges with a zero amount (for example, in case of zero rates). Also, the *Confirm invoice* checkbox has been removed from the recurring fee creation form.
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- In the *Product types* interface, you can now enable the *Use volume for charges* checkbox for custom product types. If enabled, the [ChargeVolume] marker used in financial templates (for example, *Invoice* and *Invoice details*) will be replaced by the *Service count* value, which is filled in when creating a manual charge for this custom product type.
  - The prioritization when calculating financial cubes (data on which invoices are based) has been slightly changed: when old cubes are set for recalculation (for example, when EDRs are recalculated retroactively), they will have higher priority than current cubes. This will speed up recalculation of financial data and invoicing.
  - Starting with the new version, System parameters *Charge detail rounding digits* and *Charge detail rounding function* now affect the amounts of invoices (parameters *Estimated amount*, *Due amount*, *Tax amount*). Note that in the invoice PDF document (when using the corresponding markers) the values are rounded according to the System parameter *Default format: numeric (monetary)* (default: 2 decimal places).
  - Verification for the first line is now performed when uploading a file for balance synchronization. If it is a header (that is, it does not contain any date), it will automatically be discarded for further processing of the file.
  - If the System parameter *Invoice due date based on (0 - issue date, 1 - registration date)* is set to 1, then when sending or resending an invoice for a payment, the registration date is not reset to the current date, but remains as the date specified by the System owner.
  - The *Recurring fees* interface has been improved: possibility to specify the history of volumes and rates has been added (that is, different validity dates within one charge). When upgrading to the new version, all existing charges will be converted to the new format without affecting the calculations. The ability to perform backdate changes of volumes and/or rates has been supported. Changes are applied after saving when the FIN\_HOURLY\_ROUTINES System task is started. If the charge end date is changed, rates active after the end date will be deleted. The charging logic has not changed: if the rate start date is in the middle of the billing period, the fee will be charged for the number of days remaining. Also, several rates may be valid within one billing period: the amount will be calculated with account of their validity dates.
  - When editing an invoice, it is now possible to fill in the new field *Correction to invoice ref code* to indicate the invoice number to which this correction (credit note) has been made. The corresponding column has been added to the main table with invoices. The [CorrSourceRefCode] marker has also been added for use in invoice files.
  - Invoices that belong to a closed period (according to the System parameter *The date after which the billing period is considered closed* or a similar parameter at a contract company level) are grayed out.
  - Since all previously made mappings were cleared before mapping of payments and invoices, the process took a long time to complete. With the new System version, the flag *Clear existing mapping* has been added to the *Make auto mapping* window (default: *off*), which allows you to skip this step and optimize the mapping process. Please note that when confirming invoices with the *Make auto mapping* flag or when creating/editing a payment with the same setting, the previous mappings are not cleared.
  - When generating invoices, the [ChargeDetColumn2] marker will be replaced with a blank space for recurring fees details. Previously the marker was replaced with the value *Recurring fee:<FEE\_ID>*.
  - The [ProductNotes] marker has been added for *Invoice*, *Invoice details*, and *Invoice letter* templates. The marker is replaced by a list of product notes (separated by commas). The maximum allowed size for marker replacement is 100 records or 4000 characters.
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- The [ChargeDetailsDescr] marker has been added for financial templates, to display the [ChargeProductDescr] data (product name) and the details of the *Details* field of the recurring fee.
- It is now possible not to process payments from PayPal payment system received with the protection\_eligibility=Ineligible attribute. When receiving such payment the 200OK response will be returned, and the payment will not be registered. To enable the logic, contact the Alaris technical support team and report the code BZ43430.
- If a *Fee* is set for the *Stripe* payment system, then the amount before *Fee* will be entered in the payment parameter *Bank statement amount*, and the amount after *Fee* will be entered in the *Amount debited* parameter.
- When exporting payments, two new columns will be added to the file: *Bank account* and *Contract company*.
- It is now possible to sort by the *ID* column in the *Charges* interface.
- Previously, corresponding charges were not deleted when using the *Delete this recurring fee and all existing charges* button. This behavior has been fixed. Additionally, the button has been made available only to users with the *No restriction* permission.
- The new System parameter *Calculate invoice amount as sum of rounded charges (0 - no, 1 - yes)* has been added (default value 0), which defines the sequence of actions to calculate the invoice amount. If the value is 0 (previous behavior), the values of the charges are first added up and then rounded. For example, suppose the invoice contains the following cost values by country:
  - 74.77739
  - 10.29628
  - 191.39846
  - 78.60825

Then the total invoice amount (355.08038) will be rounded up to 355.08.

If the parameter is set to 1, the values are first rounded to two digits (e.g. 74.77739 is rounded to 74.78 and 78.60825 is rounded to 78.61) and then the values are added up. Hence, the invoice amount will be 355.09.

- The new System parameter *Excluded product names for non-DID markers* has been added, which serves to specify a list of product name masks (comma-separated, no space, for example, %2way%,Wholesale). The parameter is case-sensitive. Products whose names match the mask will be excluded from data calculation in the following new markers:  
*NoDIDChargeDetNo*, *NoDIDChargeDetColumn1*, *NoDIDChargeDetColumn2*,  
*NoDIDChargeDetColumn3*, *NoDIDChargeDetColumn4*, *NoDIDChargeDetColumn5*,  
*NoDIDChargeDetColumn6*, *NoDIDChargeDetColumn7*, *NoDIDChargeDetVolume*,  
*NoDIDChargeDetRate*, *NoDIDChargeDetEvent*, *NoDIDChargeDetAmount*,  
*NoDIDChargeDetAmountRaw*, *NoDIDChargeDetVolumeRevSign*, *NoDIDChargeDetEventRevSign*,  
*NoDIDChargeDetAmountRevSign*, *NoDIDChargeDetMCCMNC*, *NoDIDChargeDetProductDescr*,  
*NoDIDChargeDetTaxRate*, *NoDIDChargeDetMonth*. The new markers are similar to the existing markers without the NoDID prefix and are only applicable to non-DID/TFN fee types when the *Excluded product names for non-DID markers* parameter is populated. The feature is useful in cases when a single invoice includes SMS products traffic and MO traffic which is bound to a separate product and it is required to separate the information on these two types of traffic. The new System parameter can be added to the name of a separate product (for MO traffic) and NoDID markers can be added to the template. In this case they will be replaced by values used for SMS products.
-

- The following markers have been added for use in invoice related templates (that is, *Invoice details*):

[SmsPackName] - SMS pack name

[SmsPackDescription] - SMS pack description

[SmsPackCostGross] - cost of SMS package including tax

[SmsPackCostNet] - cost of SMS package without tax included

[SmsPackTax] - SMS package tax

[SmsPackTaxRate] - SMS package tax rate (in per cent)

[SmsPackCount] - number of purchased SMS packs included into the invoice

[SmsPackAmountGross] - the sum of purchases (SMS package price multiplied by the number of purchased packages, plus tax multiplied by the number of purchases) for the SMS package including tax

[SmsPackAmountNet] - the sum of purchases for SMS package without taking tax included

[SmsPackTaxAmount] - sum of taxes on SMS package purchases

Additionally, summarizing values can be used (for all SMS packages):

[SmsSumPackAmountNet] - total cost of SMS packs without tax included

[SmsSumPackAmountGross] - total cost of SMS packages with tax included


[SmsSumPackTaxAmount] - total amount of taxes

Note that data will be substituted only for invoices generated based on charges with *SMS pack* product type (assigned when subscribing to an SMS or IM pack).

### HLR analytics


- The *Net layer* previously displayed *All networks* if the name of the network could not be defined by HLR MCCMNC. In the new version, such entries will be included in the *Unknown networks* category.
- It is now possible to export HLR EDRs from *HLR Analytics*. The option is available for users with the *Export EDRs* permission (*HLR reselling* section).

### Limitation rules

- The new value *single period* has been added for the *Period type* field. If this value is selected, the *Period length* and *Block length* fields disappear. When the threshold is reached, traffic restriction will be active from the date specified in *Active from* till the date specified in *Active to*. The statistics for the rule are also collected by the specified dates.
- The *Stats calculation delay, min.* field has been added (not filled in by default) to specify the number of the last minutes for which the collected statistics will not be taken into account. The functionality can be useful when the period for data collection has just started (e.g. for the period *hour* - at the beginning of the hour) and not all statistics (e.g. DLR) have been calculated.
- The icon  has been added to the *SMS/Routing/Limitation rules* interface to display the date the rule was created and the date the rule was last edited.

### Number management

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- The *Export to CSV*  icon has been added for exporting the *Number management* interface data (*Numbers* tab sheet).
- The message that appears when editing or deleting a scheme that is currently being used has been corrected: "The scheme that uses the existing code is not edited" has been changed to "Billing scheme that is used by active numbers can not be deleted".
- An additional check is now performed when deleting a billing scheme. If the scheme is bound to a number belonging to the client Carrier (or was bound earlier), it will not be possible to delete such a scheme. Previously, a similar restriction was added for the vendor side.
- The checkbox *Issue NRC charges immediately* to bill NRC charges with a one-day (current) period has been added to billing schemes. If the checkbox is not selected, the invoice will be generated according to the billing period selected in the agreement.

### Rate compilation

- Possibility has been added to specify an exclusive list in the *MCCMNC exclusive list* field.
- When applying compilation results, the *Increase dates* field will be filled in automatically according to the *In increase notification, days* period configured in the Agreement.

### Rate editor

- Previously, the *Price (in system currency)* column was available only in the *Rates* tab of the *Rate editor* interface. Starting with the new version, the column has been added to the *Rate groups* tab as well.

### Rate export

- The *Include parent rates* checkbox now becomes enabled automatically if the product list contains a product for which a parent is assigned.

### Rate import

- The following import issues: *Past period rate added*, *Past period rate increased*, and *Past period rate decreased* have been categorized as follows:
  - *Past period rate added (less than 1 day ago)*
  - *Past period rate added (more than 1 day ago)*
  - *Past period rate increase (less than 1 day ago)*
  - *Past period rate increase (more than 1 day ago)*
  - *Past period rate decrease (less than 1 day ago)*
  - *Past period rate decrease (more than 1 day ago)*

Issues of the less than 1 day ago type track changes between the previous day and the current day (00:00 hours), while issues of the more than 1 day ago type track a period older than the previous day. The separation is introduced to be able to track situations when there is no date overrun, but the issue occurs due to time zone shifts. After the System update, existing issues (if they are included in any error group for automatic import) will be transformed into the corresponding issues of the less than 1 day ago type.

- The checkbox *Do not close zero rates* has been added. When deselected, zero rates will be locked.
-

- It is now not allowed to simultaneously specify both *Country dial code* and *Sender ID* columns for products with *Use sender MCCMNC based rates* setting disabled.
  - The values in the *Old rate* column will be italicized if the comparison between the newly uploaded (new) and current rate is taken from the corresponding MCC. For example, if a new rate for 234003 is loaded and at the same time the product has a rate for 234, the price comparison can be done based on the shorter MCC.
  - The blocked status will now be displayed for blocked rates at the analysis stage.
  - The *Analysis* mode has been improved: starting with the new version, the *Preview of rates* window will also display information on closed rates if the *Close non-matching dial codes* or *Full country closing* option was used.
  - Support for hyphen-separated MCCMNCs (for example, "636-01") has been added for the *e.212* column when importing files.
  - The new System parameter *Closed networks markers (comma separated)* has been added with default value *Delete,Deleted,Close,Closed*. If during Rate import the keyword (marker) is encountered in the *Net status* (prioritized column) or *Rate note* column, the rate will be closed with the rate note CLOSED. If the parameter value is empty (null), the values *Delete,Deleted,Close,Closed* will be used for closing. Additionally the new System parameter *Price values to be considered as closed (default value: -)* has been added. If a value from this parameter is encountered in the *Rate* column, the rate will be closed. Also note that the System parameter *Blocked networks markers* was renamed to *Blocked networks markers (comma separated)*. If the parameter value is empty, the value *No,False,Blocked,0,Block* will be used. It is important to note that *closed* has priority over *blocked*.
  - The following System parameters have been added: *Rate country names to ignore for import (comma separated)* and *Rate network names to ignore for import (comma separated)*. They serve to specify country and network names (case sensitive) whose rates must not be loaded during automatic and manual import. New critical errors *Country blacklist* and *Network blacklist* (disabled by default) have been added to stop automatic import if such countries or networks are available.
  - The default value of the *Close type* field has been changed to *Close non-matching dial codes*.
  - When importing rates with the missing *Rate note* column, the corresponding value will not be changed in the existing rate (previously the *Rate note* value was reset).
  - The default value for the *Individual effective dates - Closed rates* field is set to *From calendar* and is now calculated by automatically adding to the current date the number of days from the partner agreement as defined in the *In/Out close rate notification, days* parameter for the client and vendor sides respectively.
  - The *Rate import* interface can now parse dates in the following format: 25.05.23 at 10:45 in GMT time zone: 0. The correct *Date format* for this example is: 'DD.MM.YY' at 'HH24:MI' in GMT time zone: 0'.
  - If the "plus" symbol "+" is specified at the beginning of the code when parsing the *Country dial code* column, it will be deleted.
  - It is now possible to import multiple MCCMNCs with the | delimiter from e212 columns (if multiple e212 columns are specified).
  - The new System parameter *Rate change limit, percentage* has been added (50 by default). It serves to define the threshold for displaying the "Rate increased by more than" error during automatic and manual rate import.
-

- The *Do not close empty rates* checkbox is now unavailable when *Full country* close type is selected, as not closing empty rates is not the intention when selecting a close type.
- The following templates have been added for sending full and short reports to the System owner and carrier, respectively, during auto rate import. Previously such reports were defined by the System code and could not be configured by the user:
  - *SMS auto rate import owner notification (full report)*
  - *SMS auto rate import owner notification (short report)*
  - *SMS auto rate import carrier notification (full report)*
  - *SMS auto rate import carrier notification (short report)*

Short reports contain a summary of new, closed and extended rates. Full reports additionally contain attachments (xlsx files with a list of errors and rate preview). The following markers can be used in the templates:

- [CompanyName] - contract company name
  - [OwnerName] - System owner name
  - [AutoRateImportStatus] - import status (0 - not imported; 1 - imported)
  - [RateImportStartDate] - import start date and time in the format YYYY-MM-DD HH24:MI:SS
  - [RateImportEndDate] - import end date and time in the format YYYY-MM-DD HH24:MI:SS
  - [Product] - product ID
  - [ClosedRatesNum] - number of closed rates. It is replaced with 0 if AutoRateImportStatus=0
  - [ValidRatesNum] - number of valid rates. It is replaced with 0 if AutoRateImportStatus=0
  - [NewRatesNum] - the number of new rates. It is replaced with 0 if AutoRateImportStatus=0
  - [ExistRatesExpndOrClosedNum] - the number of closed or expanded existing rates. It is replaced with 0 if AutoRateImportStatus=0
  - [DeletedRatesNum] - the number of removed rates
  - [CriticalErrors] - list of errors (error group names) detected during import, and their count. The maximum number of displayed errors is 3
  - [PleaseSeeAttached] - the marker is replaced by the entry "Please find the full list of warnings attached." if an attachment is present; otherwise it returns an empty result
  - [RateImportPresetName] - name of preset used for rate import
  - [AutoRateImportRuleID] - auto rate import rule used for rate import
  - [EffectiveFrom] - rate effective from date and time
  - [EffectiveTill] - rate effective till date and time
  - [CloseType] - rate close type
  - [Link] - link to a file with new rates
- The *libreoffice* value has been removed from the *Parser list* options when loading rates.
-


## RCS

- The *RCS bots* tab has been renamed to *Bots* and moved to the *RCS* menu. A separate *Manage Bots* permission has been added to access the interface.

## Reference books

- The *Regular expressions* interface has been improved as follows:
  - Possibility has been added to create groups with different names and patterns. Groups can be specified when editing SMS routing and translation rules in the new fields *Sender ID pattern group*, *Content pattern group*, *Dest. number pattern group*. The fields are available for filling only if the corresponding pattern field is not filled - for example, *Dest. number pattern group* can be filled if the *Dest. number pattern field* is not filled (and vice versa). Up to 100 groups can be specified. Also for SMS routing rules the fields with patterns became text fields even if the checkbox *Use the RegExp ref. books for routing interfaces* is enabled in user settings.
  - A separate *Mass edit* tab has been added to the *Edit* panel for mass editing of regular expressions. The tab becomes active when several groups are selected in left section of the interface. The standard *Edit* tab becomes inactive in this case.

These enhancements are intended to improve work with regular expressions - for example, enabling automatic pulling of data into rules when a regular expression is updated in the interface.

- It is now possible to track the time of the last manual modification of the e.212/e.164 reference book editor's upper and lower grids using the standard *created/modified* icon . Note that changes applied by file import will not be displayed.
  - Uploading of the e.212/e.164 reference book has been optimized.
  - Now the *Payment systems* tab (*Reference books/Contract companies*) will display only those systems that are set up for the user's contract company, according to the user's permissions.
  - The new *Datetime patterns* reference book has been added to enable the creation of custom date and time patterns and their subsequent use in interfaces - for example, in the *Rate import* interface.
  - A syntax check has been added when a regular expression is specified. If the check is not passed (for example, if the number of brackets in the regular expression does not match) and the user attempts to save the rule, an error will be generated.
  - It is now possible to specify different sources for automatic fetching of different currencies. When creating a currency in the *Currency exchange rates* interface (*Existing currencies*), it is necessary to fill in the *Currency rate source* field with the required source:
    - *System default* - the value will be taken from the System parameter *Currency update source* (1 - BNR, 2 - ECB, 3 - CBR, 4 - ECBf, 5 - NBU, 6 - LCB, 7 - NBRB, 8 - MAS, null - disabled).
    - *Manual* - the currency rate will not be updated automatically.
    - Other value (for example, ECB) - the exchange rate will be updated from the specified bank.
-

The corresponding (uneditable) *Source* column has been added to the exchange rates table to display the bank selected for the currency. If the *Currency update source* is changed for the currency, the previously loaded exchange rates remain with the source specified for them previously. When adding the exchange rate manually (*Add* button), the value will be set to *Manual*. Note that the System parameter *Currency update source* (possible values - *ECB, LCB, BNR, NBU, NBRB, CBR, null - disabled*) has been renamed to *Currency update source* (1 - *BNR*, 2 - *ECB*, 3 - *CBR*, 4 - *ECBf*, 5 - *NBU*, 6 - *LCB*, 7 - *NBRB*, 8 - *MAS*, *null - disabled*). The previously set value will be changed to the corresponding new one.

- It is no longer allowed to edit the values of the *Date* column for existing exchange rates.

## Reports

- It is now possible to select inactive carriers for the *Reports* interface.
  - The *User creation log (Change logs)* report has been added, which displays information about new users.
  - In the new version, forced resetting of modified roles to the default role (*Reports*) has been removed for System reports.
  - *User logon history (Administration)* report has been modified: previously the report included records only if a regular logout from the System was performed. Starting from the new System version there will be no dependence on the way of logging out. Please note that in case of a non-nominal logout from the System (for example, closing the browser), the session end time will be recorded with a slight delay, which will affect the session duration displayed in the report.
  - The *Statement of account with start/end balance* report has been modified to take into account unconfirmed invoices for which the *Presented amount* value was different from the *Estimated amount* and the *Amount source* was set as *Amount presented by partner*. Now, the balance displayed by the report is brought closer to the account balance.
  - The tooltip for report schedules has been improved: if the schedule is not explicitly set, the tooltip previously reported that the report would be run every minute. Since the reports are not actually run, the situation has been fixed.
  - The *Rate changes effect (SMS)* report was removed as obsolete.
  - A new report has been added, named *HLR Analytical cube status (Administration)*. This report can be used by System owners to track HLR cube recalculation if HLR analytics is enabled.
  - The *Traffic increase (SMS Alert)* report has been redesigned as follows:
    - The *Avg past number of attempts* column has been renamed to *Past number of attempts*
    - The *Last hour DLR(T)* column was removed
    - The *Increase threshold* filter has been renamed to *Percent Increase threshold*
    - The *Traffic change, %* column has been added, displaying the traffic change according to the *Percent Increase threshold* filter
    - The following filters have been added to display report results only at a certain traffic threshold:
      - *Previous amount threshold*
      - *Current amount threshold*
-

- Rate sorting order has been changed for the *LCR analysis (SMS)* report: previously the report results displayed rates in descending order, starting from the new version rates will be displayed in ascending order.
- The *Routing status code descr* column has been added to *EDR Export (SMS)*, *EDR Export (Advanced) (SMS)* reports. The column displays the description of routing code (starting with 2000xxx). For a successfully sent message (code 1000001) the description *No issues during routing stage* is displayed.
- The new *SMS e212/e164 book changes (Reference)* report has been added to track changes of the reference book update.
- The following reports have been added: *User change log (Change logs)* and *User roles change log (Change logs)*, replacing the former *Permission change log (Change logs)*, to track changes applied to users and user roles, respectively.
- Possibility to select a category has been added to the *Reports* interface - the *Category* field is available when adding or editing a report. The category will be automatically added to the report name (in brackets).
- Country and network data for the *Rates (SMS)* System report is now taken directly from the rates instead of from the e.212/e.164 reference book. Additionally, combobox filters of drop-down list type have been changed to advance multiselect.
- The *Margin detail (SMS)* report has been updated. Previously the report did not take into account messages with internal status NO ROUTES, and also the *Total row* could be other than the last row.
- The bottom grid with report execution tasks can now be extended so that more tasks can be seen on the web page.

## REST API

- The PUT:param method has been removed from REST API.
- Now the *ip* parameter for the REST API method *GET:auth* can be transferred as case insensitive (for example *IP* or *Ip*).
- The following methods for working with the MO routing editor interface have been hidden:

'GET:sms\_tw\_ref'.

'GET:sms\_tw\_ref/{id}'

'DELETE:sms\_tw\_ref/{id}'


'PUT:sms\_tw\_ref/{id}'

Additionally, for methods 'DELETE:sms\_tw\_ref/{id}', 'POST:sms\_tw\_ref' and 'PUT:sms\_tw\_ref/{id}' a verification was added that the user calling them is registered under the System owner carrier (carrier ID 1). Security policies were imposed on methods 'GET:sms\_tw\_ref' and 'GET:sms\_tw\_ref/{id}'. Now, the user calling them will be able to view only data related to the carrier under which the user is registered (except for System owner users).

- The REST API method PUT:invoice has been hidden from the interface.

## Routing

- Vendor rate values (in routing rule choices, if the MCCMNC inclusive list for the rule is specified) are now also available in the account currency.
-

- Values of the *Choice list* column have been added to the export of the main interface table to file.
- *Country* and *Network* columns have been added as filters for the *SMS/Routing/Routing rules* page.
- Logging of routing statistics changes has been added, as well as the *Routing statistics log (Administration)* report. Routing statistics log data is available for the past 24 hours. Logs are cleared at the start of the System task PRV\_CLEANUP\_SCHEME.
- A simulation option has been added to the *Add/Edit* panel of the *Traffic priority rules* interface in order to display matching rules according to the specified *Sender ID*, *DNIS prefix* and *Text pattern*. The fields can be left blank, which equates to “any value”.
- Possibility to specify a number containing letters for the *Dest. number mask* field has been added to the *MO routing editor* interface. Note that the maximum number of bytes for the field is 21. A similar permission has been added when importing a file through the *MO routing import* interface. When trying to specify a number longer than the allowed limit, the following message will appear: "Destination number too long. Expected value up to 21 symbols".
- In the *Traffic priority rules* interface, inactive channels will be marked grey and will be moved to the bottom of the list in the *Client channel list* field. When the cursor is hovering over the channel name, the reason of its inactivity will be shown (e.g. "Channel disabled" or "No active SMS POI found for this channel").
- When parsing a file it is now possible to upload routing features into different products by specifying the *Product ID* column.
- The tabs of the *Routing features* interface have been renamed:  
*Classifier > Feature values*  
*Features > Feature list*  
Related buttons and errors have also been changed accordingly. For example, the *Add classifier* button in the *Carriers/Products* interface has been renamed to *Add feature values*.
- Inactive buffering rules are now grayed out.
- The icon  showing the time of rule creation and last editing has been added to the rules from the *Loop detection* interface.

## Simulation

- The *Multi* mode now supports running simulations for MCCMNC from the *MCCMNC list* if the active rate in the product contains MCC only.
- The numeration of the routing steps listed in the *Simulation log* has been improved.

## SMS router

- The memory consumption of routing modules has been optimized when loading routing rule and tag changes. To enable the feature, create a request to the Technical support team with the code STS-20.
- Starting with the new version, the calculation of the *RuleDivCNT*, *RuleSucCNT*, and *RuleAttCNT* routing metrics will be performed in near real time by default.

## SMS switch

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- Telegram Verification API support has been added. If you have a corresponding account on the Telegram side, you will need to create a vendor with an HTTP SMS channel in the System. In the *HTTP headers* field specify *Authorization: Bearer key*, where the key is the token received in the Telegram account. In the *URL template* field specify [https://gatewayapi.telegram.org/sendVerificationMessage?phone\\_number=\\$dnis\\$&code=\\$text\\$&callback\\_url=CALLBACK\\_URL](https://gatewayapi.telegram.org/sendVerificationMessage?phone_number=$dnis$&code=$text$&callback_url=CALLBACK_URL), where *CALLBACK\_URL* is the address of the system where requests for delivery reports from the vendor should be received. To configure receiving delivery reports, contact the Alaris technical support team and specify the code STS-581.
- The following markers were added for sending delivery reports over HTTP to the client:
  - *\$done\_date\_unix\$* - done\_date in UNIX format (in UTC time zone)
  - *\$deliver\_time\_unix\$* - time of receipt of SMS delivery report by the switch in UNIX format (in UTC time zone).
- Buffer overflow values for client SMS channels will be displayed only if the channel limit (*Client capacity (sms/sec)*) is set and the current number of messages in the buffer exceeds the channel limit by 3 times.
- The buffered messages processing logic in cases when the corresponding SMS channel was disabled or deleted has been improved. If the vendor channel has been disabled/deleted, the message will be sent to the next route (if available), otherwise it will be discarded and a *delivered\_sm* command with the REJECTED status will be sent to the client. If the client channel has been disabled/deleted, the message will be sent to the route found when the message was received.
- The logic of sending TLV field 0x0423 to the client has been refined (provided this field is enabled in the *Use optional field for receipt* setting of the *SMS channels* interface). Previously the field was sent only if it was received from the vendor Carrier. Since the field consists of *Error code* and *Network type*, in case the field is not received from the client side, *Network type* is filled with value 7, and *Error code* is filled with the error code from the delivery report sent to the client side. Note that only correct values (three-digit Error codes) can be sent, otherwise the TLV field will not be transmitted.
- The internal logic related to deleting SMS channels from the SMS switch memory has been improved. Previously, if there were two channels with the same IP address, login and password, but with different ports, when one of the channels was deleted or turned off the other channel was also deleted from the SMS switch memory and was considered inactive. This behavior has been corrected, and now the channel that has not been turned off will not be deactivated.
- The number of buffered messages for offline channels will now be recorded. This is useful for tracking buffer utilization for Campaign Portal clients' channels.
- The *\$mccmnc\$* marker will be changed to the HLR MCCMNC when sent to the HTTP vendor in cases when the HLR value is received. Previously, the value was only changed to the MCCMNC from the Reference book.

### Swap deals

- The *Swap deals* and *Swap deals 2.0* interfaces have been moved to *Finance* from the root menu.
- The TRD\_SWAP\_UPDATE\_JOB System task is now run every hour instead of once a day to make the statistics for active swap deals more up-to-date.

### Swap deals 2.0

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- It is now possible to enable sending notifications on exceeded thresholds when creating or editing a deal with the help of the checkbox *Send threshold alerts to manager*.

## Tags

- The *Treat dial codes as masks* checkbox in the *Tags import* interface has been renamed to *Treat numeric tag values as masks*.

## Template manager

- It is now possible to specify the direction for the *Balance alert letter* and *Credit alert letter* templates.
- The new [AgrCode] marker has been added to the *SMS Rate export* template. It displays information about the agreement code active at the time of the rate export task (i.e. current date and time). Note that the logic for the [CompanyRegisteredName] marker has been slightly revised: the data is now also searched for the current date and time (instead of the date and time selected in the *Start date* parameter).

- The *SMS rate update letter* and *SMS rate export* templates now support the following markers:

[BillingManager]

[BillingManagerEmail]

[BillingManagerMobilePhone]

[BillingManagerOfficePhone]

This is needed to display information on the billing manager that is active for the account at the time of rate export. For the *SMS rate update letter* template, the [BillingManagerSignature] marker has been added.

## Test system

- When sending a request to the iTest system, the *prefix* field will now contain a leading plus (+) symbol (%2B in encoded form): for example, *prefix=%2B2271%2B* instead of *prefix=2271%2B*
- The 100 symbol limitation has been removed from the *Message text* field for the TestMySMS test platform.
- Due to the change of authorization logic on the Testelium side, the *Testelium login* and *Testelium password* System settings have been removed and the new *Testelium token* setting has been added to specify the token used for authorization.

## Translation rules

- The logic of selecting a value for translation has been reworked. A new *Translation type* field with the options *To regexp* and *Replace list* has been added to the *SMS/Routing/Translation rules* page. The field is available for rules that have the *Entity=Sender ID, Destination number, Message text*.

If *To regexp* is selected, the regular expression can be specified in the *Translation* field as previously. If *Replace list* is selected, the name of the regular expression list is specified in the *Select list* field; additionally, it is possible to enable the *Randomize translations* flag to randomly select values from the list (otherwise, the values are selected in order). A new list can be loaded using the *Manage replacing lists* button (bottom line of the interface) - clicking on the button opens a table where it is possible to upload a new list (by clicking the *Upload* button) and view previously loaded lists (the file name is displayed in the left part of the panel, regular expressions from the file are on the right).

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Suppose that a list titled *Code* containing the following regular expressions has been loaded into the text translation rule:

Your SMS code is \g<1>

Access Key is \g<1>

Please copy \g<1>

\g<1>

The text filter for the rule is specified as


```
^Your code is (.*)$
```

When receiving a message with the text 'Your code is 12345' and selecting a rule, the text is translated. If the *Randomize translations* flag is off, the resulting text value will be 'Your SMS code is 12345'. If similar text is received a second time (for example, 'Your code is 7524'), the resulting text will be 'Access Key is 7524'.

If the *Randomize translations* flag is enabled, the pattern for the translated text will be randomized. For example: '12345' (i.e., selecting the regular expression \g<1>).

- It is now impossible to set a value for the *Sender ID tag(s)* field for the following entities: *Sender TON*, *Sender NPI*, *Destination TON* and *Destination NPI*.
- A uniqueness check has been added when creating or editing translation rules for error codes and statuses. When saving a rule that violates uniqueness, an error will be displayed: "Translation type, Source code, MCCMNC and channel in combination should be unique".
- If traffic is blocked according to the Loop detection rules and *Send positive submit\_sm\_resp* option enabled for this traffic, the client side first receives *submit\_sm\_resp* with a successful code and then receives *deliver\_sm* with code 001. Starting the new version, it is possible to override this code (001) using a code translation rule with the type *System delivery ERR code to client SMPP ERR code* or *System delivery ERR code to client HTTP ERR code*. The new code *900 - SMS Loop detected* should be specified as *Source code*, and the new value to be sent to the client side should be specified in the *Resulting code* field. Along with the code *900 - SMS Loop detected*, the System (edit-protected) code *001 - NO ROUTE* has been added.
- Case insensitive replacement of Unicode text has been added for the *Treat as substitution* feature. For this, the (?ui) flag must be specified. For example, to replace "代码" with "Code " select the *Treat as substitution* checkbox and specify the following in the *Translation* field:

```
(?ui)代码|Code
```

- The icon  that displays the date the rule was created and the date the rule was last edited has been added to the *Translation rules* interface.
- The Translation type *SMPP vendor delivery status:err\_code to system status* was changed to *SMPP vendor delivery status:error code to system status*.
- The order of fields for the *Optional field (TLV)* entity translation has been changed. Previously, the order was as follows:

TLV field tag

TLV value

TLV value type

---

The new order is:

TLV field tag

TLV value type

TLV value

Additionally, a verification has been added for values entered in the *TLV value* field, depending on the selected *TLV value type* option:

1. String: any string. All spaces greater than one are replaced by one space.
2. Integer (1 byte): a number up to 1 byte inclusive.
3. Integer (2 bytes): a number containing up to 2 bytes inclusive.
4. Integer (4 bytes): a number up to 4 bytes inclusive.

### Volume-based deals 2.0

- If a volume-based deal includes only a general MCC without a specific MCCMNC for the same country, then such a deal will only cover the traffic that was charged at general MCC. In case the corresponding product has rates for specific MCCMNCs for the same country, the traffic charged at these rates will not be included in the deal. For example, if a deal is created for MCC 260 and the product has a rate for MCCMNC 260001, then traffic charged at MCCMNC 260001 will not be included in the deal, while traffic for MCCMNC 260002 will be included, as it will be charged at MCC 260.

### Alaris Campaign Portal

- The new System parameter *List of cut prefixes, separated by a comma* has been added. It serves to specify a list of characters separated by a comma that will be cut from the recipient number when sending single Campaign Portal messages or campaigns. For example, if the list is specified as

00,+

then the number 0012036007000 will be shortened to 12036007000 to search for rates and then send the message.

By default, no list is set.

- Romanian localization has been added to Alaris Campaign Portal.
  - The number of allowed characters has been increased for the following fields when importing a contact file: *First Name (256 bytes)*, *Last Name (256 bytes)*, *Comment (1024 bytes)*.
  - Previously, the *Dip HLR* flag for Campaign Portal client products was enabled by default. With the new System version, the flag will depend on the System setting *Set 'Dip HLR' as enabled by default (0 - no, 1 - yes)*.
  - It is now possible to customize the message ID format at the SMS channel level for Campaign Portal users. Previously, if a message was rejected by the Campaign Portal module (before it was received by the SMS switch), the message was assigned a default ID (format: alss-xxxx-xxxxxx-xxxx-xxxx), even if a separate message ID format was configured in the SMS switch configuration. With the new version, this format can be overridden. To configure the new feature, please contact the Alaris technical support team and provide the code BZ58771.
  - New System parameters have been added for configuring the storage time of Campaign Portal related entities:
-



1) *Number of days to store EDR in Campaign Portal by client list, days* (default 365 days, matches the default value for the System parameter *Retail EDR storage, days*)

2) *List of clients to clear EDR, ID list separated by a comma* - a list of IDs of personal accounts (the option is disabled by default, default value is *null*).

If the value of *Number of days to store EDR in Campaign Portal by client list, days* setting is less than the value of *Retail EDR storage, days* then Campaign Portal EDRs and campaigns are deleted for the specified period for the list of clients specified in *List of clients to clear EDR, ID list separated by a comma*.

- Forced captcha input has been added to Alaris Campaign Portal when the user enters incorrect logon credentials three times in a row.
- If the user entered a password in the registration form and such passport did not comply with security policies configured in System settings, no error message was shown. Starting from this version, such verification will be performed at the registration stage.
- The ability has been added to delete tokens entered on the *API connections/Tokens* tab.
- The operation of the REST API method GET:sms\_pack has been optimized. The improvement also affects the speed of loading the list of SMS packs in Campaign Portal (the *Purchase* tab).
- Starting with the new version, verification of the sender's name is performed when sending single messages from the Campaign portal — all the entered characters must be ASCII encoded.

### Wholesale Portal

- The payment icon  has been replaced with the 'money'  icon as it could be perceived as 'payment in USD'.
  - The *DLR(T)* column has been added to the *SMS stats* tab.
  - The *Client rate* and *Vendor rate* fields will be hidden for EDR export if the user does not have the *Show rates tab* permission.
-

## 2 Fixed issues

### General

- Previously, if there were several sessions of the same user and the password for this user was changed, the parallel open sessions were not terminated.
- If a mail server has been removed from the *Outgoing email accounts* interface, and the internal queue has unsent messages (for example, due to failed authorization), the following error will appear: "A mail server with the queued emails to be sent cannot be deleted".
- If the password for connection to the email server of the *Outgoing email accounts* interface contained the ' symbol, an error occurred when verifying connection with the server. The issue has been fixed.
- A restriction on extensions of imported files has been introduced in the interfaces *e.212/e.164 reference book import*, *MO routing import*, and *Routing features import*: now only files with extensions xls, xlsx, csv are allowed to be imported. In the *EDR reconciliation* interface it is now possible to upload only csv files.
- In rare cases, source and destination numbers were displayed as blank because of incorrect symbols in the *Sender ID* (for example, \x11 instead of blank space). The situation has been corrected by escaping some EDR fields.
- The *SMS rate export* permission was required for exporting the table of *Rate editor* interface to Excel. The restriction has been removed and only the *Export to CSV/Excel from interfaces* permission is required for export now.
- Sorting by the *Product* column in the *Rate import* interface has been fixed, as well as on the *Files* tab of the *Email processing rules* interface.
- Due to the failure of the SNMP protocol to collect metrics for the start page, the corresponding script and the *Enable SNMP metrics gathering (0 - disable, 1 - enable)* System setting have been removed.

### Analytics

- Previously, if a message was rejected according to a loop detection rule, the corresponding detection rule ID was written to the column with the routing rule, which resulted in incorrect data display in the *Analytics* interface. Now, the ID of the loop detection rule will be written to a separate *Extra field* column.
  - Previously, *No routes* records were included in *Restricted partner* records. In the new version, *No routes* will be displayed as a separate line, provided that the client for which no routes were found is allowed for viewing by the user.
  - Earlier, when it was not possible to define the network by reference book, it was determined as undefined. When it was selected, *Analytics* data was reset. This issue has been fixed.
  - Since the *Client sender ID* and *Vendor sender ID* layers were added in the previous versions, starting with the new version the *Dial code* section has been removed. Additionally, the logic of displaying the *Global Region* and *Global Region Manager* layers has been refined: previously, if a rate containing a Dial code was used, the global region was defined incorrectly. The situation has been fixed.
-

- The logic of counting the number of successful HLR queries for the *HLR successful* column has been refined: since only one dipping request is made for all the parts of a concatenated message that were collected in stateful processing mode, the counter for this column will be incremented by one successful response from the HLR service and not by the number of segments.
- When exporting EDRs for the *Client product notes* layer, the limitation on the number of exported rows did not work.
- A blank space at the beginning or end of a country or network name causes 'clearing' of the *Analytics* table when selecting the row with the country or network. Forced trimming of spaces at the beginning and end of country and network names has been added to fix the situation.
- In some cases (for example, if the sender ID contained a quote mark) a `JsonSyntaxException` error occurred when unloading EDR from *Analytics*. The situation has been corrected.
- When setting a fractional time zone (for example, GMT+3.30) on the user device, an incorrect time shift was observed for the days on which daylight saving time change occurs.
- When exporting a large amount of data using *Export from grid* button, the error 'Allowed memory size of ... bytes exhausted' may occur, saying that the allocated amount of memory is exceeded. Previously, the error was visible only in the browser console. The behavior has been fixed and the error now appears in the web interface. To increase the memory size, contact Alaris technical support team.

### Buffering rules

- Verification for regular expressions is now performed for the following fields: *Sender ID pattern*, *Inclusive text pattern*, *Exclusive text pattern*. An error will be generated if an invalid expression is specified (for example, if the number of brackets does not match). An additional check is implemented by the routing module: checked rules with invalid expressions would be disabled; if simulation for such a rule is run, the corresponding entries 'rule is disabled by no valid regex pattern for ...' will be displayed in the simulation log.

### Carriers

- The mechanism for obtaining channel statuses has been improved to avoid errors like "error in executing ODCIEXTTABLEFETCH callout" or "data cartridge error". To enable the functionality, contact the Alaris technical support service and communicate the code BZ64237. Please note that the *Window buffer* column was removed from the *SMS channels* tab and the table with channel statuses. Also the System parameter *Channel expiry period, minutes* (10 minutes by default) has been added. It defines the period after which the channel status update details are deleted.
  - Verification for the presence of a space or line break character has been added for SMS channel fields *System type* and *URL template*. If these fields contain any of the prohibited characters and an attempt is made to save changes, the following errors appear: "Spaces or line breaks are not allowed for input" and "Wrong URL format will be displayed for each of the fields" respectively.
  - When deleting a product, the error "result of string concatenation is too long" could occur caused by the product being present in a large number of rules. This situation has been resolved.
  - If a product is used in a large number of rules, upon removing the product from all routing rules with the help of the *Delete this product from all routing rules* button, the following error could occur: "Maximum number of filtering parameters exceeded. Please reduce the number of parameters to filter". Starting with the new version, the situation has been fixed.
-

- Previously, if there were several inactive and active products with the same name, the product name in the filter could be colored either grey (inactive) or black (active) depending on the internal sorting of the web interface. To standardize the behavior, now all product names (including inactive ones) in the filter are colored black.

## EDR management

- Previously, when a parent product's rate was changed retroactively in the *EDR rerating* interface, the auto rerating task was launched only for the parent product. Starting with the new version, child products will also be included in the auto rerating tasks.
- A retroactive change in DID data will now be taken into account when manually recalculating EDR in the *EDR rerating* interface.

## EDR export

- Filtering in the *Comments* column operated incorrectly if capital letters were used in the field when creating a task.
- The restoration logic of *Export settings* (when restarting an EDR export task) has been refined — previously if *Mess. ID pattern*, *Sender ID pattern* and *Dest. number pattern* fields contained a comma as a value separator, such values were not restored.
- The logic for displaying the number in the *Client Sender ID* column has been refined: the column now displays the originally received sender number. The new *Sender ID* column displays the value obtained after applying translation rules with the Pre-routing stage type. Note that in the saved EDR templates for export, the column name will be changed (from 'Client Sender ID' to 'Sender ID') to preserve the already existing logic (i.e. uploading the sender name after applying the translation).

## Enterprise API

- Verification for mandatory input parameters for the `start_packet_simulation_wfr` method has been added. Also, documentation has been updated.
- A mandatory input parameter `mccmnc_list` or `product_list` has been added for `get_raw_sms_rate_list` method.

## Financial module

- Previously, when creating an NRC charge, the *Billing scheme* name column was not filled in. The issue has been fixed.
  - If there were two agreements of the same carrier with different time zones, the traffic amount for the overlapping period was duplicated. The issue has been corrected: the start date of the charge will not be earlier than the end date of the previous charge.
  - When creating a subscription in the *Finance\Recurring fees* interface, the availability of an active agreement for the subscription period will be verified. In case it is not available, the following message will be displayed: "No actual agreement found for the account id: %ID%; period: %period%/" "No actual agreement found for the account id: %ID%; period: %period%".
  - When exporting the payment table to Excel, the *Covered amount* and *Amount debited* columns are now available in the file. Additionally, the *Reference number* filter now allows search by mask.
  - An internal error could occur when uploading a file to compare charges using the *Compare* button. The issue has been resolved.
-

- When changing the billing period from daily to weekly, and then recalculating the invoice period for recurring fees, incorrect rows (additional charges) were added to the recalculated invoices. The issue has been fixed.

## Number management

- When removing a partner and its child entities that were specified in the *Number management interface*, the Deassign operation was performed; however this fact was not registered in the history of operations.

## Rate editor

- When selecting a rate group and then changing the number of rows per page (for example from 200 to 500), the Export to Excel feature exported the previous number of rows (200). The issue has been fixed: now all rows are exported.
- When attempting to add a period (*Add period* button) for a rate that was previously included in a volume-based deal with the rate start date equal to the deal end date, an error occurred informing of the overlapping of periods.
- The performance of the Rate editor interface has been enhanced.

## Rate import

- Previously, if the , symbol was specified at the end of the list of the System parameter *Blocked networks markers*, the System set the *Rate note* to *Blocked* for all rates during rate import. The issue has been fixed and extra commas in the System parameter are now ignored.
- If a rate notification is received where the first sheet in the file was empty (it could be hidden), further file parsing with *Processor:Internal library* showed an empty page and could not be performed.
- Limitation on extensions of imported files has been introduced in rate import interfaces: now only files with extensions xls, xlsx, csv are allowed to be imported.
- Previously, when processing emails for automatic import, the following tags could be detected in the corresponding .eml files, which disrupted the operation of the *Email processing rules* and *Rate import* interfaces:

```
<meta name="color-scheme" ...>
```

```
<meta name="supported-color-schemes"...>
```

This issue has been fixed.

- Previously, the System could not correctly define a mail processing rule if keywords specified in the Mail text mask field were separated by a line break in the source mail. The situation has been fixed.
  - Previously, the simulation result for mail processing rules could be different from the actual result, as when specifying multiple emails in the *To* field during simulation, the rule's field *Mail to/CC/BCC mask* was treated as a mask even if exact match was required. The logic was synchronised.
-

- Previously, getting auto import emails the *To*, *CC* and *BCC* fields of which exceed 4000 bytes (in total) caused the following error upon opening the *Email processing rules* and *Rate import* interfaces: "Please provide your database administrator with this error. ORA-01489: result of string concatenation is too long". The situation has been fixed: now if the length of the fields exceeds the allowed value, the check is performed only for the *To* and *CC* fields, otherwise — only for the *To* field.

**Reference books**

- Entries on the *Payment systems* tab will be grayed out if the values for the payment system are completely inherited from the *Default* contract company. If at least one value of the payment system has been overridden for a particular contract company, the entries will be in the usual (black) color.
- When a contract company is removed, payment system settings for the contract company are now also removed from the respective tab.
- The loading of the *e.212/e.164 reference book* from a file has been optimized for the cases when prefix ranges are specified.
- When attempting to edit a record in the *Reference Books/Bank accounts* interface, if the required permissions are lacking, an editing error appears. Previously, the record was not edited, but no error was generated.

**Reports**

- Incorrect data display for filters of the *Advanced multiselect* and *multiselect* types has been fixed, if the filter depended on another filter of the *Advanced multiselect* type.
- An error occurred when transmitting a large number of values in the incoming parameters (filters). The situation has been corrected.
- The pagination panel displayed an incorrect number of available rows in certain cases. The issue has been fixed.
- The output of the *Generation delay passed* column of the *Invoice generation delay (Finance/SMS)* reports has been adjusted, as previously the column could display incorrect data.

**REST API**

- Correct sending of *im\_message*, *button\_action\_url*, *button\_caption*, and *image\_url* parameters has been improved in REST API methods *schedule\_sms\_sending\_from\_file* and *bulk\_send\_sms*. Previously only the last values were applied for all campaign messages.
- Previously, a deactivated user could send requests to REST API. Starting with the new version, the situation has been fixed.

**Routing**

- Due to the specifics of information storage by tag, incorrect update of tag values was observed in the routing module if several identical values were available under one tag (with different periods). Starting with the new version, the routing module will use the tag ID to avoid the described situation.
  - Previously, when filtering rules by the *Yes* value in the *Is active* column, rules that were filtered had the *Is active* checkbox enabled, but they could be considered inactive due to their effective dates. In the new version, a rule will be considered eligible for filtering (as active) if the checkbox is enabled and the rule is active based on its effective dates.
-

- Correct display of the *Vendor products* field has been enhanced when changing the rule type from *Block* to *Regular routing*.
- Previously, in rare cases, when simultaneous changes were applied to routing rules, they might not reach the SMS router. To avoid such situations, the logic has been refined: the routing module will check retrospective changes according to an internal System parameter (default value is looking into the last 5 minutes).

## Simulation

- Previously if the user had the upper-level permission SMS simulation interface but had no enclosed permissions, the user could open the *SMS -> Routing -> Simulation* page. Now at least one enclosed permission must be granted.
- If the SMS POI was changed (for example, turned off), the change was unavailable to the *Simulation* interface until the user logged back into the System.
- The old value for the *Optional field (TLV)* field was not displayed in the *Applied translations* section. Starting with the new version, the situation has been fixed.

## SMS router

- The following issue has been fixed: the second/third/etc. vendor in a static choice was not selected if their share was 1%.

## SMS switch

- Previously, optional (TLV) fields were transferred from the client to the vendor, even if the client channel was not entered in the internal parameter for transferring TLV fields. In the new version, the fields will not be transferred (except for channels that are specified in the internal parameter).
- A full MPS buffer could be shown for client channels, even though the number of messages was not exceeded. It happened because the column additionally took into account the number of messages sent from the channel, for which no response from the vendor was received.
- Error code translation with the asterisk symbol \* as the source code was applied even if translation with a specific code from the source report was available. The issue has been corrected - the more specific setting will take precedence over a more general setting.
- Previously, if a client channel had *Stateful concatenated messages processing* enabled, possibility of rerouting based on the status in the deliver\_sm packet was automatically disabled if at least one of the messages had an unsuccessful sent status (provided that the segments were concatenated).

In the new version, re-routing by delivery status has been added for this scenario (based on vendor channel settings) - re-routing will be performed for segments either independently (that is, as soon as a delivery report for a particular segment has been received) or when delivery reports for all segments have been received. The behavior depends on the internal configuration noSegmentDeliver.

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Note that when the System setting *Allow decreasing number of segments after text translation* (0 - no, 1 - yes) is enabled, the behavior is automatically enabled to wait for delivery reports for all segments. In this case, the need for re-routing (if not all segments received the DELIVRD status) is determined by the first unsuccessful delivery report that has been received (the one having a status other than DELIVRD) . If during the waiting period (set by the System setting *Concatenated messages: Delivery waiting period for stateful processing, sec.*) all delivery reports have not been received and the EXPIRED status is marked for re-routing in the vendor channel, the message is sent to the next-in-line vendor. If EXPIRED is not marked as a status for re-routing, delivery\_sm packets with EXPIRED status are sent to the client.

- Previously, if there were several IP addresses in the *Host name* parameter of a client SMS channel, the first IP address from the list was recorded in the EDR, even if the MO message was sent to another address. The issue has been fixed.
- Previously, if a client had both IM and SMS products and a message was sent via the IM product, the SMS product ID and corresponding POI ID were recorded in EDR. The issue has been fixed.
- The logic of resending an IM message has been fixed. Previously the message was resent to the next IM route if the validity (TTL) of the message had expired.
- Previously, an erroneous algorithm was observed for the calculation of message count in the buffer: their count was multiplied by the number of SMS channel connections (the issue only affected the data display). Starting with the new version the situation has been fixed.
- Previously, when receiving an HTTP message when client limit buffer was exceeded, 'no description' response was sent to the client. Starting with the new version, correct internal EDR status is sent in such cases: SMS IN BUF OVL.
- Previously, if the MO message encoding was changed after text translation had been applied (for example, when *Hello* is translated into こんにちは), the client side was sent the original data coding (data\_coding=0 instead of data\_coding=8). The situation has been resolved.
- Previously, an error was observed upon deleting a vendor's only POI and then creating a new one: the new POI could not be activated by the SMS switch. Starting with the new version, the situation has been fixed.
- Previously, unbind\_sm packet was not sent in cases when the SMS switch module responsible for vendor connections was stopped or restarted. This situation has been fixed.
- Previously, the SMS switch could send connection requests even if the SMS POI start date was in the future. The issue has been fixed.
- In rare cases, when the vendor channel was included in the internal configuration for sending concatenated messages with a single submit\_sm signal, and when the client sent message duplicates in nearly one and the same time (for example, the message consisted of two parts and the client sent duplicates for each part), no EDR was written for one of the concatenations.
- In rare cases, the module responsible for detecting loops could fail to receive configuration updates, so loop blocking would not occur. To avoid this, a check of internal configuration integrity was added, as well as data reloading in case of its violation.
- Previously, when receiving a submit\_sm with the same SMS Sequence #, the new generation SMS switch did not record the EDR for the rejected attempt. The situation has been corrected: now the EDR will be recorded.

- Previously the list of vendors may not have been fully displayed in the *Carrier* multi picker window. This has now been corrected.
- When sending test messages from the *Test system* interface, some characters (e.g. <, >, =, &, ') were incorrectly transmitted to third-party test systems. The situation has been fixed.
- Incorrect filtering by the network name was observed if multiple names were been configured for one and the same MCCMNC.
- Internal logging has been fixed when executing TelQ test task in split mode for a long message. Previously, redundant errors were displayed.
- Scheduled tests were sent as per preset settings that were used at the first start of the schedule, even if they were changed and saved since.

## Tags

- Previously, import of tags with the types *Merge* and *Close all existing records* closed the tags only if there was a full match (thus, the tags and their values in the file had to match the names and values that were already present in the System). In the new version, closing will be done by matching tag name.
- The incorrect application of the *Delete tag and its content* function has been fixed. Note that a tag is not deleted (a corresponding warning is displayed) in case it is used in the routing rules or in the translation rules.
- Tag import for the types *Merge* or *Close all existing records* closes tags only in case of exact match (thus, tags and their values in the file must fully match names and values existing in the System).
- When importing tags with the *Delete matching records* or *Close matching records* import types and specifying only the *Tag values* column, the records of the existing tag are deleted/closed as intended.

## Translation rules

- For translation rules with the *Optional field (TLV)* type, a check for the *TLV field tag* parameter value has been added. The following tag values cannot be specified, as they are used for deliver\_sm packets:

0x1508 (lmt\_report\_type)

0x001e (Received message id)

0x0423 (Network error code)

0x0424 (Message payload)

0x0427 (Message state)

Otherwise the following error will be displayed:

“The following TLV fields are in an exception list and cannot be used 0x1508, 0x001e, 0x0423, 0x0424, 0x0427”

Additional processing of translations with incorrect TLV field value is added from the SMS switch side.

## Volume-based deals 2.0

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- Previously, when applying configured thresholds and rates to a large number of periods (60+) the following error appeared: "Maximum number of filtering parameters exceeded".
- The web interface froze when renaming a Volume-based deal with the interval *Single deal*.
- When deleting a product, its usage in Volume-based deals will be additionally checked. To avoid the error "You cannot delete the product with existing SMS VBD", you can use cascade delete of the product and all the related entities (*Delete this product and all child components*).
- Previously, when reducing the period of a volume-based deal or removing the deal, respective rates were not deleted from the product if the deal timezone coincided with the System timezone. The issue has been fixed.

### Alaris Campaign Portal

- Earlier, if the user had the parent *Campaign Portal* permission and no child permissions *SMS packs management* and *Edit user subscriptions*, the *Campaign Portal* item was displayed in the *Start* menu. In the new version, it is required to grant at least one child permission for the menu item to be available.
- An SMS campaign or single Campaign Portal message could not be successfully processed if the text contained escaping (through \) a non-special character (for example, the text contains \v). The situation has been corrected.
- Additional data verification has been implemented when sending campaigns. If a product is considered as not belonging to Alaris Campaign Portal, additional data synchronization occurs. Previously, lack of verification and synchronization could result in messages being rejected.
- Rates for which a specific dial code was set were not taken into account when sending messages from Alaris Campaign Portal.
- If the number of rejected messages is exceeded, emails are sent according to the template: *SMS campaign fail threshold letter* as they are supposed to.
- When creating an additional custom field with the *Date* type in Campaign Portal and then manually editing contacts, the *Invalid date format* error occurred.
- Incorrect operation was observed for the System parameter *Message limit for Campaign Portal campaigns*. The issue has been fixed.
- Previously, if a user sent messages from a file containing multiple rows with empty values, the System generated a multitude of incorrect EDRs. The System has been enhanced to ignore such rows.

### Wholesale Portal

- Previously, if a portal user had a large list of permissions (e.g. *No restrictions*), some menu items (e.g. EDRs) were unavailable for the user. The situation has been fixed, now only the permissions associated with the portal will be available for portal users to avoid the situation described above.
-

## 3 Known issues

### General

- When the user logs out of the System by clicking the *Log out* button and then logs in again, the previously opened tabs are not restored.
- When selecting a region in a carrier filter, some carriers may be available that have a region with an ID that partly matches the region in question (for example, region ID=1 partly matches region ID=11). The issue is observed in multipickers, for example in *EDR export tool*.
- A user with the *Invoicing* permission but with no *Generate client invoice/Register vendor invoice* permissions can recalculate period for an account available to the user if *Direction: All* is selected. The situation is incorrect.

### Analytics

- When the *Telescopic* mode is enabled for the *Analytics* interface, and a year period is opened, the bottom table may show values greater than those in the top table. The situation is incorrect.
- When exporting a file from the bottom table of the *Analytics* interface for partners with the *Self signed-up* checkbox selected, the file cannot be opened correctly.

### Buffering rules

- IM traffic is not buffered according to the rules.

### EDR management

- When getting a long message over HTTP with *longMessageMode=split*, message parts are assigned identical transaction IDs. For this reason, when viewing the parts in the *EDR Export (SMS)* report or the *EDR export tool* interface, the *SMS text* column will contain the full message text (all parts). However, the *Translated text* column will contain the text of a specific part only (which is correct behavior).

### Limitation rules

- If a rate from a parent product is selected for traffic that should be blocked according to the rule, the blocking may not work due to the specifics of the validation steps.

### Rate import

- Previously when assigning the *e.212* column, resetting it and re-assigning it, the following error could occur when attempting import: The following columns must be specified: *e.212* or *MCC* and *MNC*. Also, in this situation *MCC* and *MNC* columns could not be assigned. The issue has been partly fixed, but is still observed when restarting an import task.
- If an email has an empty field (for example, email subject or body), it will be considered matching an auto import rule even if the rule for the field contains a specific mask (for example, %test%).

### Routing module

- When receiving a message from the client over HTTP, text translation according to the rules and further sending it to the SMPP vendor, the vendor correctly receives the transliterated text, but the source text is written to EDR to the translated text field.
- Text translation is not applied if the number is assigned in the *Number management* interface.

### Simulation

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- If the applied translation rule contains the "~" symbol in any template or the translation itself, the simulation task is completed with the following error: "The element counts do not coincide."

### SMS switch

- In rare cases, when transcoding from encoding 8 and translating the text, the text is sent to the vendor incorrectly segmented. For example, the initial message fits into the limits of encoding 8 (68 characters). Then text translation takes place and the length of the text is 71 characters, after re-encoding (for example, in encoding 3) this limit fits into one segment. However, due to the fact that for the original encoding this exceeds the limits, the vendor receives two submit\_sm signals with separated text, which is incorrect.
- When transcoding concatenated messages from encoding 0 to another encoding (for example, 3), the original encoding is written to the EDR (for example, 0 instead of 3) while the text is transcoded correctly.
- If no response is received from the HTTP vendor within the response timeout (30 seconds by default), the internal EDR status is recorded as ROUTE FAILED instead of SUBMIT\_RESP TIMEOUT. Please note that the code from EDR can be used to trace the real reason for the rejection (1000019 for non-response within the waiting time).
- When the generic\_nack signal is received as a response to an MO message from the client, the corresponding EDR is not recorded.
- The EDR for a message sent from the *Test system* contains the value Vendor IP=N/A. Also, the TON and NPI values are specified as -/-/, even though correct values are sent to the vendor.
- If the new generation SMS switch is employed, the current buffer occupancy can be verified both by the new generation and previous generation switches, as currently both switches operate together.
- In rare cases (for example, if the network connection is unstable) the SMS switch may send packets intended for the old connection to the new connection before it receives a bind packet.
- The following behavior is observed for the SMS switch. If several switches are installed on different servers, values of the following vendor SMS channel parameters will be multiplied by the number of available switches:
  - *Vendor capacity (sms/sec)*
  - *Vendor window size*

For example, if the parameter *Vendor capacity (sms/sec)* is set to 200, and two separate new-generation switches are installed in the System and the connection is established from both of them, the allowed channel capacity is 400. If the connection is established from one switch only, the allowed capacity will be 200.

- The new generation SMS switch records statuses of disabled channels.
-



Database structure changes

## 4 Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
ACA_SANSAY_CALLS_TMP	-- Table --	created in 3.6.0				Temporary table for Sansay active calls
BAS_ACCOUNT	ACC_ALLOW_INCOMING	created in 3.6.0	NUMBER	22	N	Inbound traffic allowed
BAS_ACCOUNT	ACC_ALLOW_OUTGOING	created in 3.6.0	NUMBER	22	N	Outbound traffic allowed
BAS_AGREEMENT	AGR_IN_RAW_DURATION_SEC	created in 3.6.0	NUMBER	22	Y	In raw duration for 1 sec of increment (0 - no, 1 - yes)
BAS_AGREEMENT	AGR_OUT_RAW_DURATION_SEC	created in 3.6.0	NUMBER	22	Y	Out raw duration for 1 sec part of increment (0 - no, 1 - yes)
BAS_AREA	-- Table --	created in 3.6.0				Dictionary of dial code zones
BAS_AREA	AREA_ID	created in 3.6.0	NUMBER	22	N	Area id



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_AREA	AREA_NAME	created in 3.6.0	VARCHAR2	256	Y	Area name
BAS_AVAILABLE_PRODUCT_TMP	-- Table --	created in 3.6.0				Temporary list of products
BAS_AVAILABLE_PRODUCT_TMP	DIRECTION	created in 3.6.0	NUMBER	22	Y	Direction
BAS_AVAILABLE_PRODUCT_TMP	PRODUCT_ID	created in 3.6.0	NUMBER	22	Y	Product ID
BAS_BALANCE_CHANGE	AMOUNT_WITH_TAX	created in 3.6.0	NUMBER	22	Y	Usage amount with taxes
BAS_CARRIER	CAR_INBOUND_ALLOWED	changed in 3.6.0	NUMBER	22	Y	Inbound traffic allowed (1 - allowed, 0 - not allowed)
BAS_CARRIER	CAR_OUTBOUND_ALLOWED	changed in 3.6.0	NUMBER	22	Y	Outbound traffic allowed (1 - allowed, 0 - not allowed)
BAS_CAR_WATCHLIST	-- Table --	created in 3.6.0				Carriers watchlist
BAS_CAR_WATCHLIST	CAR_ID	created in 3.6.0	NUMBER	22	N	Carrier ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_CAR_WATCHLIST	ID	created in 3.6.0	NUMBER	22	N	ID
BAS_CAR_WATCHLIST	USER_ID	created in 3.6.0	NUMBER	22	N	User ID
BAS_CONTRACT_COMPANY	CC_IM_CHANNELS	created in 3.6.0	VARCHAR2	4000	Y	List of allowed channels for message termination - sms + list from product note
BAS_COUNTRY_DETAILS	-- Table --	created in 3.6.0				Country details
BAS_COUNTRY_DETAILS	COUNTRY_COUNTRY_ID	created in 3.6.0	NUMBER	22	N	Country id
BAS_COUNTRY_DETAILS	COUNTRY_REGION_ID	created in 3.6.0	NUMBER	22	Y	Country region id
BAS_COUNTRY_LOAD	-- Table --	created in 3.6.0				Table for loading countries
BAS_COUNTRY_LOAD	COUNTRY_ID	created in 3.6.0	NUMBER	22	N	Country ID
BAS_COUNTRY_LOAD	COUNTRY_NAME	created in 3.6.0	VARCHAR2	256	N	Country name
BAS_COUNTRY_TAX	-- Table --	created in 3.6.0				Country taxes



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_COUNTRY_TAX	COUNTRY_ID	created in 3.6.0	NUMBER	22	N	Country ID
BAS_COUNTRY_TAX	COUNTRY_TAX_ID	created in 3.6.0	NUMBER	22	N	Country tax id
BAS_COUNTRY_TAX	COUNTRY_TAX_RATE	created in 3.6.0	NUMBER	22	Y	Country tax rate
BAS_COUNTRY_TAX	END_DATE	created in 3.6.0	DATE	7	N	Effective till
BAS_COUNTRY_TAX	START_DATE	created in 3.6.0	DATE	7	N	Effective from
BAS_CURRENCY	CURRENCY_ISO_ID	created in 3.6.0	NUMBER	22	Y	ID of currency name according to standard
BAS_CURRENCY	CURRENCY_UPDATE_SOURCE	created in 3.6.0	NUMBER	22	Y	Currency update source
BAS_CURRENCY_ISO	-- Table --	created in 3.6.0				Currency iso codes
BAS_CURRENCY_ISO	CURRENCY_ISO_CODE	created in 3.6.0	VARCHAR2	3	N	Currency iso code
BAS_CURRENCY_ISO	CURRENCY_ISO_ID	created in 3.6.0	NUMBER	22	N	id of the currency name according to standard



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_CURRENCY_RATE	CURRENCY_RATE_UPD_SRC	created in 3.6.0	NUMBER	22	Y	Currency rate update source
BAS_CURRENCY_SOURCE	-- Table --	created in 3.6.0				List of currency update sources
BAS_CURRENCY_SOURCE	SOURCE_ID	created in 3.6.0	NUMBER	22	Y	Currency update source ID
BAS_CURRENCY_SOURCE	SOURCE_NAME	created in 3.6.0	VARCHAR2	16	Y	Currency update source name
BAS_DATETIME_FMT	ID	created in 3.6.0	NUMBER	22	Y	id
BAS_DIAL_CODE_LOAD	-- Table --	created in 3.6.0				Table for loading dial codes
BAS_DIAL_CODE_LOAD	DIAL_CODE	created in 3.6.0	VARCHAR2	16	N	Dial code
BAS_DIAL_CODE_LOAD	DIAL_CODE_COUNTRY	created in 3.6.0	VARCHAR2	256	N	Country dial code
BAS_DIAL_CODE_LOAD	DIAL_CODE_IS_HIDDEN	created in 3.6.0	NUMBER	22	Y	Is hidden flag



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_DIAL_CODE_LOAD	DIAL_CODE_REGION	created in 3.6.0	VARCHAR2	256	Y	Dial code region
BAS_DIAL_CODE_LOAD	DIAL_CODE_TYPE	created in 3.6.0	VARCHAR2	256	N	Dial code type
BAS_DIAL_CODE_MATCHER	-- Table --	deleted in 3.6.0				Dial code matching table used for rate analysis and rate compilation
BAS_DIAL_CODE_MATCHER	DIFF	deleted in 3.6.0	NUMBER	22	Y	Length difference
BAS_DIAL_CODE_MATCHER	DST_DIAL_CODE	deleted in 3.6.0	VARCHAR2	16	Y	Destination code
BAS_DIAL_CODE_MATCHER	MATCH_CODE	deleted in 3.6.0	NUMBER	22	Y	Matching code
BAS_DIAL_CODE_MATCHER	PM2	deleted in 3.6.0	NUMBER	22	Y	Matching index
BAS_DIAL_CODE_MATCHER	PM3	deleted in 3.6.0	NUMBER	22	Y	Matching index



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_DIAL_CODE_MATCHER	RIDC1	deleted in 3.6.0	ROWID	10	Y	Matching index
BAS_DIAL_CODE_MATCHER	RIDC2	deleted in 3.6.0	ROWID	10	Y	Matching index
BAS_DIAL_CODE_MATCHER	SRC_DIAL_CODE	deleted in 3.6.0	VARCHAR2	16	Y	Source code
BAS_DIAL_CODE_MATCHER_STAGE	-- Table --	deleted in 3.6.0				Intermediate table used to store data generated for bas_dial_code_matcher
BAS_DIAL_CODE_MATCHER_STAGE	DIAL_CODE	deleted in 3.6.0	VARCHAR2	16	Y	Staging code
BAS_DIAL_CODE_MATCHER_STAGE	DIAL_CODE1	deleted in 3.6.0	VARCHAR2	16	Y	Staging code
BAS_DIAL_CODE_MATCHER_STAGE	DIAL_CODE10	deleted in 3.6.0	VARCHAR2	16	Y	Staging code
BAS_DIAL_CODE_MATCHER_STAGE	DIAL_CODE11	deleted in 3.6.0	VARCHAR2	16	Y	Staging code



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_DIAL_CODE_MATCHER_STAGE	DIAL_CODE12	deleted in 3.6.0	VARCHAR2	16	Y	Staging code
BAS_DIAL_CODE_MATCHER_STAGE	DIAL_CODE13	deleted in 3.6.0	VARCHAR2	16	Y	Staging code
BAS_DIAL_CODE_MATCHER_STAGE	DIAL_CODE14	deleted in 3.6.0	VARCHAR2	16	Y	Staging code
BAS_DIAL_CODE_MATCHER_STAGE	DIAL_CODE15	deleted in 3.6.0	VARCHAR2	16	Y	Staging code
BAS_DIAL_CODE_MATCHER_STAGE	DIAL_CODE2	deleted in 3.6.0	VARCHAR2	16	Y	Staging code
BAS_DIAL_CODE_MATCHER_STAGE	DIAL_CODE3	deleted in 3.6.0	VARCHAR2	16	Y	Staging code
BAS_DIAL_CODE_MATCHER_STAGE	DIAL_CODE4	deleted in 3.6.0	VARCHAR2	16	Y	Staging code
BAS_DIAL_CODE_MATCHER_STAGE	DIAL_CODE5	deleted in 3.6.0	VARCHAR2	16	Y	Staging code



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_DIAL_CODE_MATCHER_STAGE	DIAL_CODE6	deleted in 3.6.0	VARCHAR2	16	Y	Staging code
BAS_DIAL_CODE_MATCHER_STAGE	DIAL_CODE7	deleted in 3.6.0	VARCHAR2	16	Y	Staging code
BAS_DIAL_CODE_MATCHER_STAGE	DIAL_CODE8	deleted in 3.6.0	VARCHAR2	16	Y	Staging code
BAS_DIAL_CODE_MATCHER_STAGE	DIAL_CODE9	deleted in 3.6.0	VARCHAR2	16	Y	Staging code
BAS_DIAL_CODE_MATCHER_STAGE	DIAL_CODE_COUNTRY	deleted in 3.6.0	VARCHAR2	256	Y	Staging code country
BAS_DIAL_CODE_MATCHER_STAGE	DIAL_CODE_DESTINATION	deleted in 3.6.0	VARCHAR2	772	Y	Staging code destination
BAS_DIAL_CODE_MATCHER_STAGE	DIAL_CODE_REGION	deleted in 3.6.0	VARCHAR2	256	Y	Staging code region
BAS_DIAL_CODE_MATCHER_STAGE	DIAL_CODE_TYPE	deleted in 3.6.0	VARCHAR2	256	Y	Staging code type



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_DIAL_CODE_MATCHER_STAGE	RID	deleted in 3.6.0	ROWID	10	Y	Index
BAS_DID_BILL_SCHEME	CHARGE_FULL_MRC	created in 3.6.0	NUMBER	22	Y	Charge full MRC (0 or null - no / 1 - yes)
BAS_DID_BILL_SCHEME	CHARGE_NRC_IMMEDIATELY	created in 3.6.0	NUMBER	22	Y	Issue NRC charges immediately (0 or null - no / 1 - yes)
BAS_DID_DIAL_CODE	ADDED	created in 3.6.0	DATE	7	Y	Date added
BAS_DID_DIAL_CODE	CLI_ACCOUNT_ID	created in 3.6.0	NUMBER	22	Y	SMS client account id
BAS_DID_DIAL_CODE	FWD_ANI	created in 3.6.0	NUMBER	22	Y	Forward ANI
BAS_DID_DIAL_CODE	FWD_DNIS	created in 3.6.0	NUMBER	22	Y	Forward POI, numbers only
BAS_DID_DIAL_CODE	FWD_POI_ID	created in 3.6.0	NUMBER	22	Y	POIs belonging to the selected product, required when selecting Forward product.



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_DID_DIAL_CODE	FWD_PROD_ID	created in 3.6.0	NUMBER	22	Y	Only DID loop vendor products can be selected.
BAS_DID_DIAL_CODE	ROUTING_MODE	created in 3.6.0	NUMBER	22	Y	The routing mode of a specific number. (Standard/Forward/Failover)
BAS_INCOMING_MAIL	BODY	created in 3.6.0	CLOB	4000	Y	Mail body
BAS_MANAGER_ACC	-- Table --	created in 3.6.0				Managers
BAS_MANAGER_ACC	ACC_ID	created in 3.6.0	NUMBER	22	N	Account ID account id
BAS_MANAGER_ACC	MANAGER_NAME	created in 3.6.0	VARCHAR2	1000	Y	Manager name
BAS_MANAGER_ACC	MAN_ACC_ID	created in 3.6.0	NUMBER	22	N	Manager acc id
BAS_MANAGER_ACC	START_DATE	created in 3.6.0	DATE	7	N	Effective from
BAS_MENU	MENU_ITEM_ROLE_CODE	changed in 3.6.0	VARCHAR2	30	Y	Role code required to access this menu item



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_PASSWORD_LIST	-- Table --	created in 3.6.0				Password list
BAS_PASSWORD_LIST	PASSWORD	created in 3.6.0	VARCHAR2	256	N	password
BAS_PAYSYSTEM_WEBHOOK	-- Table --	created in 3.6.0				Paysystem webhooks
BAS_PAYSYSTEM_WEBHOOK	CC_ID	created in 3.6.0	NUMBER	22	N	CC ID
BAS_PAYSYSTEM_WEBHOOK	PAYSYSTEM_NAME	created in 3.6.0	VARCHAR2	100	N	Paysystem name
BAS_PAYSYSTEM_WEBHOOK	WEBHOOK_ID	created in 3.6.0	VARCHAR2	100	N	Webhook ID
BAS_PAYSYSTEM_WEBHOOK	WEBHOOK_KEY	created in 3.6.0	VARCHAR2	250	Y	Webhook key
BAS_PAYSYSTEM_WEBHOOK	WEBHOOK_URL	created in 3.6.0	VARCHAR2	1000	Y	Webhook URL



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_PAY_POST_PROC_FIELD	-- Table --	created in 3.6.0				Fiscal data operator list
BAS_PAY_POST_PROC_FIELD	POST_PROC_FIELD_NAME	created in 3.6.0	VARCHAR2	4000	N	Fiscal data operator parameter name
BAS_PAY_POST_PROC_FIELD	POST_PROC_NAME	created in 3.6.0	VARCHAR2	100	Y	Fiscal data operator name
BAS_PAY_POST_PROC_FIELD_VAL	-- Table --	created in 3.6.0				Fiscal data operator parameters values
BAS_PAY_POST_PROC_FIELD_VAL	CC_ID	created in 3.6.0	NUMBER	22	Y	Contract company ID
BAS_PAY_POST_PROC_FIELD_VAL	PAYSYSTEM_NAME	created in 3.6.0	VARCHAR2	100	Y	Paysystem name
BAS_PAY_POST_PROC_FIELD_VAL	POST_PROC_FIELD_NAME	created in 3.6.0	VARCHAR2	4000	Y	Fiscal data operator parameter name
BAS_PAY_POST_PROC_FIELD_VAL	POST_PROC_FIELD_VALUE	created in 3.6.0	VARCHAR2	4000	Y	Fiscal data operator parameter value



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_PRODUCT	DELIVERY_REROUTING_TIMEOUT	created in 3.6.0	NUMBER	22	Y	Maximum shift for rewriting, minutes. Only for client sms products.
BAS_PRODUCT	FORCE_ORIGIN_INCR	created in 3.6.0	NUMBER	22	Y	Force using origin-based increments (null - no, 1 - yes)
BAS_PRODUCT	IM_CHANNEL_ID	created in 3.6.0	NUMBER	22	Y	ID im-channel
BAS_PRODUCT	RETAIL_PRODUCT	created in 3.6.0	NUMBER	22	Y	Use the product in the Campaign portal (0 - do not use, 1 - use)



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_PRODUCT	SEND_IMPORT_RESULT	created in 3.6.0	NUMBER	22	Y	Indicates whether to launch rate export to the managers email account for this product after a successful rate import. Only for International, US domestic, DID and SMS product types. Flag: 1 - start exporting, everything else - do not start.
BAS_PRODUCT	USE_ANI_BILLING	changed in 3.6.0	NUMBER	22	Y	Check ANI fields in rates
BAS_PRODUCT	USE_SENDER_MCCMNC_RATES	created in 3.6.0	NUMBER	22	Y	Billing mode based on A number
BAS_PRODUCT	USE_VERIFY_SMS	deleted in 3.6.0	NUMBER	22	Y	Google VerifySMS usage flag (1 - active, 0 or null - inactive)
BAS_PRODUCT_TYPE	FINANCE_ONLY	changed in 3.6.0	NUMBER	22	Y	Can create products of this type (1 - yes, 2 - no)



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_PRODUCT_TYPE	USE_VOLUME_FOR_CHARGES	created in 3.6.0	NUMBER	22	Y	Use volume for charges in invoice (1 - yes, 0 - no)
BAS_REGEX	GROUP_ID	created in 3.6.0	NUMBER	22	N	Group id
BAS_REGION	REGION_MANAGER_USER_ID	created in 3.6.0	NUMBER	22	Y	Region manager id
BAS_REGION_MANAGER	-- Table --	created in 3.6.0				Region managers
BAS_REGION_MANAGER	REGION_ID	created in 3.6.0	NUMBER	22	N	Region ID (primary key)
BAS_REGION_MANAGER	REGION_MANAGER_USER_ID	created in 3.6.0	NUMBER	22	Y	Region manager id
BAS_RESET_PWD	RESET_ATTEMPT	created in 3.6.0	NUMBER	22	Y	Increasing delay between password reset attempts
BAS_SIMULATION	ANI_DIAL_CODE	created in 3.6.0	VARCHAR2	256	Y	ANI Dial code
BAS_SIMULATION	HLR_RATE	created in 3.6.0	NUMBER	22	Y	HLR rate



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_TEMPLATE_TYPE	TEMPLATE_TYPE_HIDDEN	created in 3.6.0	NUMBER	22	Y	Whether to hide the template type in the web: 1 - hide, null - do not hide
BAS_USER	IS_SYSTEM	created in 3.6.0	NUMBER	22	Y	System user
BAS_USER	MANAGER_ANALYTICS_VIEW	created in 3.6.0	NUMBER	22	Y	The attribute is responsible for displaying sales analytics
BAS_USER_ACCESS	-- Table --	created in 3.6.0				Access list
BAS_USER_ACCESS	ACCESS_CODE	created in 3.6.0	VARCHAR2	256	N	Access code
BAS_USER_ACCESS	ACCESS_EXPLICIT	created in 3.6.0	NUMBER	22	N	Explicit flag
BAS_USER_ACCESS	ACCESS_OUT_OF_SCOPE	created in 3.6.0	NUMBER	22	N	Out of scope flag
BAS_USER_ACCESS	ACCESS_USER_ID	created in 3.6.0	NUMBER	22	Y	User ID
BAS_USER_ACCESS	ACC_ID	created in 3.6.0	NUMBER	22	Y	Account ID account id



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_USER_ACCESS	CAR_ID	created in 3.6.0	NUMBER	22	Y	Carrier ID Alert group carrier
BAS_USER_ACCESS	PRODUCT_ID	created in 3.6.0	NUMBER	22	Y	Product ID
BAS_USER_CC	-- Table --	changed in 3.6.0				User's contract companies
BAS_VOIP_POI	VOIP_POI_RTP_TYPE	created in 3.6.0	NUMBER	22	N	RTP type: 0 - default (off), 1 - open rtp type, 2 - close rtp type
CLP_CDR_EXPORT_TMP	-- Table --	created in 3.6.0				Temporary table for cdr export
CLP_EDR_EXPORT_TMP	-- Table --	created in 3.6.0				Temporary table for edr export
CLP_PAYMENT_METHOD	-- Table --	created in 3.6.0				Campaign portal payment methods
CLP_PAYMENT_METHOD	CARDHOLDER	created in 3.6.0	VARCHAR2	100	N	Cardholder
CLP_PAYMENT_METHOD	CARD_NUMBER	created in 3.6.0	VARCHAR2	20	N	Card number



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
CLP_PAYMENT_METHOD	CVV	created in 3.6.0	VARCHAR2	3	Y	CVV
CLP_PAYMENT_METHOD	EXP_MONTH	created in 3.6.0	VARCHAR2	2	N	Expiration month
CLP_PAYMENT_METHOD	EXP_YEAR	created in 3.6.0	VARCHAR2	4	N	Expiration year
CLP_PAYMENT_METHOD	IS_DEFAULT	created in 3.6.0	NUMBER	22	N	Is default
CLP_PAYMENT_METHOD	METHOD_ID	created in 3.6.0	NUMBER	22	N	Method id
CLP_PAYMENT_METHOD	USER_ID	created in 3.6.0	NUMBER	22	N	User numeric ID (primary key) Manager User-creator
CLP_REPLY_TEMPL	-- Table --	created in 3.6.0				Campaign portal reply templates
CLP_REPLY_TEMPL	CAR_ID	created in 3.6.0	NUMBER	22	Y	Carrier ID Alert group carrier
CLP_REPLY_TEMPL	REPLY_TEMPL_ID	created in 3.6.0	NUMBER	22	N	Reply template
CLP_REPLY_TEMPL	REPLY_TEMPL_NAME	created in 3.6.0	VARCHAR2	256	N	Reply template name



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
CLP_REPLY_TEMPL_OPTION	-- Table --	created in 3.6.0				Campaign portal reply template options
CLP_REPLY_TEMPL_OPTION	ID	created in 3.6.0	NUMBER	22	N	ID
CLP_REPLY_TEMPL_OPTION	KEY_WORD	created in 3.6.0	VARCHAR2	4000	N	Keyword
CLP_REPLY_TEMPL_OPTION	KEY_WORD_TYPE	created in 3.6.0	VARCHAR2	10	Y	Keyword type
CLP_REPLY_TEMPL_OPTION	PRIORITY	created in 3.6.0	NUMBER	22	Y	Priority
CLP_REPLY_TEMPL_OPTION	REPLY_TEMPL_ID	created in 3.6.0	NUMBER	22	N	Reply template
CLP_REPLY_TEMPL_OPTION	REPLY_TEXT	created in 3.6.0	VARCHAR2	4000	Y	Reply text
CLP_TAG	IS_DEFAULT	created in 3.6.0	NUMBER	22	N	Is default



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
CLP_TAG	TYPE	created in 3.6.0	NUMBER	22	N	type
CLP_VOX_EXPORT_TMP	-- Table --	created in 3.6.0				Temporary table for export voip cdr
DOC_CONFIRMATION	-- Table --	created in 3.6.0				Document confirmation
DOC_CONFIRMATION	CNFRM_COMMENT	created in 3.6.0	VARCHAR2	4000	Y	Confirmation comment
DOC_CONFIRMATION	CNFRM_DATE	created in 3.6.0	DATE	7	Y	Confirmation date
DOC_CONFIRMATION	CNFRM_HASH	created in 3.6.0	VARCHAR2	64	N	Confirmation hash
DOC_CONFIRMATION	CNFRM_STATUS	created in 3.6.0	VARCHAR2	16	Y	Confirmation status
DOC_CONFIRMATION	DOC_ID	created in 3.6.0	NUMBER	22	Y	Document ID (primary key)
DOC_CONFIRMATION	TASK_NAME	created in 3.6.0	VARCHAR2	256	Y	Task name
DOC_MAIL	MAIL_ATTACHMENT_DOC_ID	created in 3.6.0	NUMBER	22	Y	ID of attached document



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
DOC_MAIL	MAIL_SERVER_TYPE_ID	changed in 3.6.0	NUMBER	22	Y	Mail server type ID
DOC_MAIL	MAIL_SIGNATURE	created in 3.6.0	CLOB	4000	Y	Mail signature (image in base64)
E164_IMP_SRC	-- Table --	created in 3.6.0				Temporary table for import e.164 records
E164_IMP_SRC	COUNTRY_DIAL_CODE	created in 3.6.0	VARCHAR2	4000	Y	Country prefix dial code
E164_IMP_SRC	COUNTRY_NAME	created in 3.6.0	VARCHAR2	4000	Y	Country name
E164_IMP_SRC	DSC	created in 3.6.0	VARCHAR2	4000	Y	Description description
E164_IMP_SRC	E164_1	created in 3.6.0	VARCHAR2	4000	Y	E164 first part
E164_IMP_SRC	E164_2	created in 3.6.0	VARCHAR2	4000	Y	E164 second part
E164_IMP_SRC	E164_3	created in 3.6.0	VARCHAR2	4000	Y	E164 third part
E164_IMP_SRC	E164_END	created in 3.6.0	VARCHAR2	4000	Y	E164 end



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
E164_IMP_SRC	E164_START	created in 3.6.0	VARCHAR2	4000	Y	E164 start
E164_IMP_SRC	E212	created in 3.6.0	VARCHAR2	4000	Y	MCCMNC
E164_IMP_SRC	END_DATE	created in 3.6.0	VARCHAR2	4000	Y	Effective till
E164_IMP_SRC	LINE	created in 3.6.0	NUMBER	22	N	Import line
E164_IMP_SRC	LOT	created in 3.6.0	VARCHAR2	4000	Y	LOT Level of trust (from 0 to 100) trust: from 100
E164_IMP_SRC	MCC	created in 3.6.0	VARCHAR2	4000	Y	Mcc
E164_IMP_SRC	MNC	created in 3.6.0	VARCHAR2	4000	Y	Mnc
E164_IMP_SRC	NET_NAME	created in 3.6.0	VARCHAR2	4000	Y	Network name
E164_IMP_SRC	START_DATE	created in 3.6.0	VARCHAR2	4000	Y	Effective from
EDR_MASKING_RULES	-- Table --	created in 3.6.0				EDR masking rules
EDR_MASKING_RULES	CDR_CALLED_LIST	created in 3.6.0	VARCHAR2	4000	Y	Cdr called list



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
EDR_MASKING_RULES	CREATED	created in 3.6.0	DATE	7	Y	Creation date Alert group create time Created Create
EDR_MASKING_RULES	CREATED_BY	created in 3.6.0	VARCHAR2	256	Y	Created by User who created the object
EDR_MASKING_RULES	END_DATE	created in 3.6.0	DATE	7	Y	Effective till
EDR_MASKING_RULES	LAST_EXEC_DATE	created in 3.6.0	DATE	7	Y	Last execution date Previous
EDR_MASKING_RULES	LAST_UPDATED	created in 3.6.0	DATE	7	Y	Last updated date update
EDR_MASKING_RULES	LAST_UPDATED_BY	created in 3.6.0	VARCHAR2	256	Y	Last updated by update date
EDR_MASKING_RULES	NEXT_EXEC_DATE	created in 3.6.0	DATE	7	Y	Next execution date
EDR_MASKING_RULES	PERIOD_TYPE	created in 3.6.0	NUMBER	22	Y	Period: 1 - hour, 2 day, 3 week, 4 month



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
EDR_MASKING_RULES	RULE_CLIENT_PRODUCT_LIST	created in 3.6.0	VARCHAR2	4000	Y	List of client product IDs separated by comma Rule list
EDR_MASKING_RULES	RULE_CLIENT_PRODUCT_SCOPE	created in 3.6.0	NUMBER	22	N	Client product scope: 1 - inclusive, -1 exclusive, 0 - all
EDR_MASKING_RULES	RULE_ID	created in 3.6.0	NUMBER	22	N	Routing rule ID Rule (primary key) rule_id id
EDR_MASKING_RULES	RULE_NAME	created in 3.6.0	VARCHAR2	256	Y	Rule name (description)
EDR_MASKING_RULES	SCHEDULE	created in 3.6.0	VARCHAR2	256	Y	Preset schedule Schedule in the flesh
EDR_MASKING_RULES	START_DATE	created in 3.6.0	DATE	7	Y	Effective from
FIN_CHARGE	CHARGE_ISSUE_DATE	created in 3.6.0	DATE	7	Y	Charge issue date
FIN_CHARGE_BACKUP	-- Table --	created in 3.6.0				Charges backup



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
FIN_CHARGE_BACKUP	CHARGE_ACC_ID	created in 3.6.0	NUMBER	22	N	Link to account ID (link to BAS_ACCOUNT table)
FIN_CHARGE_BACKUP	CHARGE_AMOUNT	created in 3.6.0	NUMBER	22	N	Charge amount
FIN_CHARGE_BACKUP	CHARGE_CURRENCY_CODE	created in 3.6.0	VARCHAR2	16	N	Currency_code
FIN_CHARGE_BACKUP	CHARGE_DIRECTION	created in 3.6.0	NUMBER	22	N	Direction: 0 - to partner, 1 - from partner
FIN_CHARGE_BACKUP	CHARGE_END_DATE	created in 3.6.0	DATE	7	N	Charge end date
FIN_CHARGE_BACKUP	CHARGE_ID	created in 3.6.0	NUMBER	22	N	Charge ID
FIN_CHARGE_BACKUP	CHARGE_INV_ID	created in 3.6.0	NUMBER	22	Y	Invoice ID (link to FIN_INVOICE table)
FIN_CHARGE_BACKUP	CHARGE_LAST_UPDATE_DATE	created in 3.6.0	DATE	7	N	Charge last update date
FIN_CHARGE_BACKUP	CHARGE_RATES_BASED_ON	created in 3.6.0	NUMBER	22	Y	Rate based on option



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
FIN_CHARGE_BACKUP	CHARGE_SERVICE_CNT	created in 3.6.0	NUMBER	22	Y	Service count
FIN_CHARGE_BACKUP	CHARGE_START_DATE	created in 3.6.0	DATE	7	N	Charge start date
FIN_CHARGE_BACKUP	CHARGE_SYS_END_DATE	created in 3.6.0	DATE	7	N	Charge system end date
FIN_CHARGE_BACKUP	CHARGE_SYS_START_DATE	created in 3.6.0	DATE	7	N	Charge system start date
FIN_CHARGE_BACKUP	CHARGE_TRN_ID	created in 3.6.0	NUMBER	22	Y	Transaction ID
FIN_CHARGE_BACKUP	CHARGE_TYPE_ID	created in 3.6.0	NUMBER	22	N	Charge type
FIN_CHARGE_BACKUP	CHARGE_VOLUME	created in 3.6.0	NUMBER	22	Y	Volume
FIN_CHARGE_DETAIL	DET_AMOUNT_WITH_TAX	created in 3.6.0	NUMBER	22	Y	Amount with tax
FIN_CHARGE_DETAIL	DET_COLUMNS5	changed in 3.6.0	VARCHAR2	4000	Y	SMS dial code
FIN_CHARGE_DETAIL	DET_TAX_RATE	created in 3.6.0	NUMBER	22	Y	Tax rate



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
FIN_CHARGE_DETAIL_BA CKUP	-- Table --	created in 3.6.0				Charge details backup
FIN_CHARGE_DETAIL_BA CKUP	DET_CHARGE_ID	created in 3.6.0	NUMBER	22	N	Record ID
FIN_CHARGE_DETAIL_BA CKUP	DET_COLUMN1	created in 3.6.0	VARCHAR2	4000	N	Details column 1
FIN_CHARGE_DETAIL_BA CKUP	DET_COLUMN2	created in 3.6.0	VARCHAR2	4000	Y	Details column 2
FIN_CHARGE_DETAIL_BA CKUP	DET_PRODUCT_ID	created in 3.6.0	NUMBER	22	Y	Product ID
FIN_CHARGE_DETAIL_BA CKUP	DET_SERVICE_AMOUN T	created in 3.6.0	NUMBER	22	N	Amount
FIN_CHARGE_DETAIL_BA CKUP	DET_SERVICE_CNT	created in 3.6.0	NUMBER	22	N	Service count
FIN_CHARGE_DETAIL_BA CKUP	DET_SERVICE_RATE	created in 3.6.0	NUMBER	22	N	Rate



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
FIN_CHARGE_DETAIL_BACKUP	DET_SERVICE_RATE_ID	created in 3.6.0	NUMBER	22	Y	Rate ID
FIN_INVOICE	CORRECTION_INV_REF_CODE	created in 3.6.0	VARCHAR2	4000	Y	Correction to invoice ref code
FIN_INVOICE	INV_PREV_BALANCE_WOEXPIRED	created in 3.6.0	NUMBER	22	Y	Previous Balance without expired
FIN_INVOICE_BACKUP	-- Table --	created in 3.6.0				Invoice backup
FIN_INVOICE_BACKUP	INV_ACC_ID	created in 3.6.0	NUMBER	22	N	Invoice account ID (link to BAS_ACCOUNT table)
FIN_INVOICE_BACKUP	INV_AUTO_GENERATED_ATTACH	created in 3.6.0	NUMBER	22	N	Auto generated attachment: 1 - auto, 0 - manual
FIN_INVOICE_BACKUP	INV_CAPTION	created in 3.6.0	VARCHAR2	481	Y	Invoice caption
FIN_INVOICE_BACKUP	INV_DETAILS_FILENAME	created in 3.6.0	VARCHAR2	256	Y	Invoice details filename



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
FIN_INVOICE_BACKUP	INV_DIRECTION	created in 3.6.0	NUMBER	22	N	Invoice direction (0 - due to partner, 1 - due to system owner)
FIN_INVOICE_BACKUP	INV_DISPUTED_AMOUNT	created in 3.6.0	NUMBER	22	Y	Difference between internal and partner data
FIN_INVOICE_BACKUP	INV_DOC_ID	created in 3.6.0	NUMBER	22	Y	Invoice file link
FIN_INVOICE_BACKUP	INV_DUE_DATE	created in 3.6.0	DATE	7	Y	Invoice due date
FIN_INVOICE_BACKUP	INV_END_DATE	created in 3.6.0	DATE	7	Y	Invoice period end date (in partner timezone)
FIN_INVOICE_BACKUP	INV_ESTIMATED_AMOUNT	created in 3.6.0	NUMBER	22	N	Invoice total amount
FIN_INVOICE_BACKUP	INV_ID	created in 3.6.0	NUMBER	22	N	Invoice ID
FIN_INVOICE_BACKUP	INV_ISSUE_DATE	created in 3.6.0	DATE	7	Y	Invoice issue date
FIN_INVOICE_BACKUP	INV_LAST_UPDATED	created in 3.6.0	DATE	7	Y	Date of last invoice recalculation



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
FIN_INVOICE_BACKUP	INV_NOTES	created in 3.6.0	VARCHAR2	256	Y	Invoice notes
FIN_INVOICE_BACKUP	INV_OUTDATED	created in 3.6.0	NUMBER	22	N	Invoice outdated
FIN_INVOICE_BACKUP	INV_PAID_AMOUNT	created in 3.6.0	NUMBER	22	N	Amount paid towards this invoice. Invoice is fully paid if estimation amount = disputed amount + paid amount
FIN_INVOICE_BACKUP	INV_PAY_STATUS_ID	created in 3.6.0	NUMBER	22	N	Invoice payment status ID
FIN_INVOICE_BACKUP	INV_PRESENTED_AMOUNT	created in 3.6.0	NUMBER	22	Y	For client invoice: presented always = estimated - disputed. For vendor inv: amount calculated from traffic
FIN_INVOICE_BACKUP	INV_PREV_BALANCE	created in 3.6.0	NUMBER	22	N	Account balance prior to invoice generation
FIN_INVOICE_BACKUP	INV_REF_CODE	created in 3.6.0	VARCHAR2	256	Y	Invoice reference number



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
FIN_INVOICE_BACKUP	INV_START_DATE	created in 3.6.0	DATE	7	Y	Invoice period from date (in partner timezone)
FIN_INVOICE_BACKUP	INV_STATUS_ID	created in 3.6.0	NUMBER	22	N	Invoice status ID
FIN_INVOICE_BACKUP	INV_SYS_END_DATE	created in 3.6.0	DATE	7	Y	Invoice period end date (in system timezone)
FIN_INVOICE_BACKUP	INV_SYS_START_DATE	created in 3.6.0	DATE	7	Y	Invoice period start date (in system timezone)
FIN_INVOICE_BACKUP	INV_TYPE_ID	created in 3.6.0	NUMBER	22	N	Invoice type ID
FIN_SUBSCR	NEED_RECALC	created in 3.6.0	VARCHAR2	1	Y	Flag for fee recalculation
FIN_SUBSCR	SUBSCR_CONFIRM_CHARGE	changed in 3.6.0	NUMBER	22	N	Confirm invoice
FIN_SUBSCR	SUBSCR_MODE	changed in 3.6.0	NUMBER	22	N	Generation type (at the beginning/end of billing period)
FIN_SUBSCR	SUBSCR_RATE	deleted in 3.6.0	NUMBER	22	N	Rate



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
FIN_SUBSCR	SUBSCR_VOLUME	deleted in 3.6.0	NUMBER	22	N	Volume
FIN_SUBSCR_DETAIL	DCHECK	changed in 3.6.0	DATE	7	Y	date of charging
FIN_SUBSCR_DETAIL	SUBSCR_SUPPRESSED	created in 3.6.0	NUMBER	22	Y	Suppressed flag (1 - yes, null - no)
FIN_SUBSCR_DETAIL	USAGE_ID	created in 3.6.0	NUMBER	22	Y	usage id
FIN_SUBSCR_PERIOD	-- Table --	created in 3.6.0				Subscriptions/recurring fee periods
FIN_SUBSCR_PERIOD	END_DATE	created in 3.6.0	DATE	7	Y	Period end date
FIN_SUBSCR_PERIOD	RATE	created in 3.6.0	NUMBER	22	Y	Rate
FIN_SUBSCR_PERIOD	START_DATE	created in 3.6.0	DATE	7	N	Period start date
FIN_SUBSCR_PERIOD	SUBSCR_ID	created in 3.6.0	NUMBER	22	N	Fee ID
FIN_SUBSCR_PERIOD	VOLUME	created in 3.6.0	NUMBER	22	Y	Volume



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
FIN_SUBSCR_PERIOD_TMP	-- Table --	created in 3.6.0				Temporary table for recurring fee
FIN_USAGE	USAGE_DIRECTION	changed in 3.6.0	NUMBER	22	N	Usage direction: 0 - client, 1 - vendor)
IM_CHANNEL_CARRIER_SETTING	-- Table --	created in 3.6.0				IM channel carrier settings
IM_CHANNEL_CARRIER_SETTING	CAR_ID	created in 3.6.0	NUMBER	22	N	Carrier ID Alert group carrier
IM_CHANNEL_CARRIER_SETTING	IM_CHANNEL_ID	created in 3.6.0	NUMBER	22	N	ID im-channel of IM-channel
IM_CHANNEL_CARRIER_SETTING	IM_TTL	created in 3.6.0	NUMBER	22	Y	Current TTL is seconds
LOG_BAS_BALANCE	-- Table --	created in 3.6.0				Partner balances
LOG_BAS_BALANCE	ACC_BALANCE	created in 3.6.0	NUMBER	22	N	Current balance



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
LOG_BAS_BALANCE	ACC_BALANCE_UPDATED	created in 3.6.0	DATE	7	Y	Last updated date
LOG_BAS_BALANCE	ACC_ID	created in 3.6.0	NUMBER	22	N	Account ID
LOG_BAS_BALANCE	EXEC_ID	created in 3.6.0	NUMBER	22	Y	exec id
LOG_BAS_BALANCE	LOG_ACTION	created in 3.6.0	VARCHAR2	4	N	Log action
LOG_BAS_BALANCE	LOG_ID	created in 3.6.0	NUMBER	22	Y	log id
LOG_BAS_BALANCE	LOG_TIME	created in 3.6.0	DATE	7	N	Log time
LOG_BAS_BALANCE	SESSION_ID	created in 3.6.0	NUMBER	22	Y	session id
LOG_BAS_BALANCE	SUBMIT_ID	created in 3.6.0	NUMBER	22	Y	submit id (for retrospection)
LOG_SMS_EMA_ASR	-- Table --	created in 3.6.0				SMS EMA statistics (send rate) log



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
LOG_SMS_EMA_DLR	-- Table --	created in 3.6.0				SMS EMA statistics (delivery rate) log
PRV_ABSTRACT_TABLE	-- Table --	created in 3.6.0				Internal temporary table
PRV_API_METHOD	API_MSG_CODE	created in 3.6.0	VARCHAR2	264	Y	Message code for method description
PRV_API_RESOURCE	IS_HIDDEN	created in 3.6.0	NUMBER	22	Y	1 - hidden, 0 - not hidden
PRV_CUBE_STAGE_TAB	-- Table --	created in 3.6.0				Staging table list for analytical cubes
PRV_CUBE_STAGE_TAB	CREATE_DATE	created in 3.6.0	DATE	7	Y	Staging table creation date
PRV_CUBE_STAGE_TAB	SRC_TAB_DATE	created in 3.6.0	DATE	7	Y	Source cube table partition date
PRV_CUBE_STAGE_TAB	SRC_TAB_NAME	created in 3.6.0	VARCHAR2	256	Y	Source cube table name
PRV_CUBE_STAGE_TAB	STG_TAB_NAME	created in 3.6.0	VARCHAR2	256	N	Staging table name



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
PRV_DB_COMMENTS_HISTORY	-- Table --	created in 3.6.0				Table comments history
PRV_DB_COMMENTS_HISTORY	COLUMN_NAME	created in 3.6.0	VARCHAR2	32	N	Column name
PRV_DB_COMMENTS_HISTORY	COMMENTS	created in 3.6.0	VARCHAR2	1024	Y	Comment
PRV_DB_COMMENTS_HISTORY	DATA_LENGTH	created in 3.6.0	NUMBER	22	Y	Data length
PRV_DB_COMMENTS_HISTORY	DATA_TYPE	created in 3.6.0	VARCHAR2	32	Y	Data type
PRV_DB_COMMENTS_HISTORY	NULLABLE	created in 3.6.0	VARCHAR2	1	Y	Flag: 1 - field can be null, 0 null means undefined
PRV_DB_COMMENTS_HISTORY	PN	created in 3.6.0	VARCHAR2	256	N	Patch number
PRV_DB_COMMENTS_HISTORY	TABLE_NAME	created in 3.6.0	VARCHAR2	64	N	Table name Analytic cube table



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
PRV_DEBUG	BACKTRACE	created in 3.6.0	VARCHAR2	4000	Y	Call stack
PRV_DML_MSG	-- Table --	deleted in 3.6.0				Advanced queue DML messages
PRV_EXP_MARK_TMP	-- Table --	created in 3.6.0				Temporary table for markers
PRV_JOB_THREAD	THREAD_JOB	created in 3.6.0	VARCHAR2	128	Y	Thread job
PRV_LAST_FAILED_QUERY	ID	created in 3.6.0	NUMBER	22	Y	ID
PRV_LAST_FAILED_QUERY	NAME	created in 3.6.0	VARCHAR2	4000	Y	Method name
PRV_LAST_FAILED_QUERY	TS	created in 3.6.0	TIMESTAMP(6)	11	Y	Date
PRV_LOCK_HIST	-- Table --	created in 3.6.0				RESTMAN locks history
PRV_LOCK_HIST	ADD_DATE	created in 3.6.0	TIMESTAMP(6)	11	N	From date



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
PRV_LOCK_HIST	COST	created in 3.6.0	NUMBER	22	Y	Vendor average cost Cost
PRV_LOCK_HIST	ID	created in 3.6.0	NUMBER	22	N	ID
PRV_LOCK_HIST	IM_CHANNEL	created in 3.6.0	VARCHAR2	1000	N	IM channel
PRV_LOCK_HIST	LAST_UNLOCK_DATE	created in 3.6.0	DATE	7	Y	Last unlock date
PRV_LOCK_HIST	MESSAGE_ID	created in 3.6.0	VARCHAR2	65	N	Client message ID SMS Message text
PRV_LOCK_HIST	PACK_ID	created in 3.6.0	NUMBER	22	Y	Pack ID ORA error type
PRV_LOCK_HIST	PRODUCT_ID	created in 3.6.0	NUMBER	22	Y	Product ID
PRV_LOCK_HIST	RATE_ID	created in 3.6.0	NUMBER	22	Y	rate_id Rate ID (primary key) Client POI SMS rate
PRV_LOCK_HIST	RELEASE_DATE	created in 3.6.0	TIMESTAMP(6)	11	Y	Release date
PRV_LOCK_HIST	RELEASE_REASON	created in 3.6.0	VARCHAR2	200	Y	Release reason



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
PRV_LOCK_HIST	SUBSCR_ID	created in 3.6.0	NUMBER	22	Y	Fee ID Subscription
PRV_LOCK_HIST	TILL_DATE	created in 3.6.0	TIMESTAMP(6)	11	Y	Till date
PRV_LOG_BOOKMARK	-- Table --	deleted in 3.6.0				Last IDs used for log generation
PRV_LOG_BOOKMARK	DCHECK	deleted in 3.6.0	DATE	7	Y	Last check date
PRV_LOG_BOOKMARK	LOG_ID	deleted in 3.6.0	NUMBER	22	Y	Log ID
PRV_LOG_BOOKMARK	SCN	deleted in 3.6.0	NUMBER	22	Y	SCN
PRV_LOG_BOOKMARK	TABLE_NAME	deleted in 3.6.0	VARCHAR2	30	Y	Table name
PRV_MAIL_QUEUE	SIGNATURE	created in 3.6.0	CLOB	4000	Y	Mail signature (image in base64)
PRV_MAIL_SERVER	CLIENT_ID	created in 3.6.0	VARCHAR2	256	Y	Tocken client ID
PRV_MAIL_SERVER	CLIENT_SECRET	created in 3.6.0	VARCHAR2	256	Y	Tocken client_secret



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
PRV_MAIL_SERVER	MAIL_CC_ID	changed in 3.6.0	NUMBER	22	Y	Contract company ID
PRV_MAIL_SERVER	OAUTH2TOKEN	created in 3.6.0	VARCHAR2	2048	Y	Token oauth
PRV_MANUAL_QUEUE	-- Table --	created in 3.6.0				Events queue
PRV_MANUAL_QUEUE	ENQ_TIME	created in 3.6.0	TIMESTAMP(6)	11	Y	Queue messages column enq_time
PRV_MANUAL_QUEUE	EVENT_TYPE	created in 3.6.0	VARCHAR2	256	Y	Event type
PRV_MANUAL_QUEUE	PAYLOAD	created in 3.6.0	VARCHAR2	4000	Y	Payload
PRV_MANUAL_QUEUE	SYS_TYPE	created in 3.6.0	VARCHAR2	256	Y	Event system type
PRV_RESULT_TMP	-- Table --	created in 3.6.0				Temporary table for standby server
PRV_SE_SEQUENCE_SNA PSHOT	-- Table --	created in 3.6.0				Recovery sequence snapshot



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
PRV_SE_SEQUENCE_SNA PSHOT	LAST_NUMBER	created in 3.6.0	NUMBER	22	Y	Last number
PRV_SE_SEQUENCE_SNA PSHOT	SEQUENCE_NAME	created in 3.6.0	VARCHAR2	128	N	Sequence name
PRV_STATE	-- Table --	created in 3.6.0				System state
PRV_STATE	PARAM_CODE	created in 3.6.0	VARCHAR2	256	N	Parameter name (primary key)
PRV_STATE	PARAM_IS_HIDDEN	created in 3.6.0	NUMBER	22	N	Flag: 1 - hidden, 0 - not hidden
PRV_STATE	PARAM_LAST_UPDATE D	created in 3.6.0	DATE	7	Y	Last change date
PRV_STATE	PARAM_VALIDATION_J SON	created in 3.6.0	VARCHAR2	4000	N	Validation JSON
PRV_STATE	PARAM_VALUE	created in 3.6.0	VARCHAR2	2048	N	Parameter value
PRV_TASK	TASK_RESULT_TRNSL	created in 3.6.0	VARCHAR2	4000	Y	Translation codes



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
PRV_TASK_PARAM	-- Table --	created in 3.6.0				System background task parameters
PRV_TASK_PARAM	PARAM_NAME	created in 3.6.0	VARCHAR2	4000	N	Parameter name
PRV_TASK_PARAM	PARAM_VALUE	created in 3.6.0	VARCHAR2	4000	Y	Parameter value
PRV_TASK_PARAM	TASK_JOB_NAME	created in 3.6.0	VARCHAR2	128	N	Task job name (prv_task)
PRV_TASK_STATUS	-- Table --	created in 3.6.0				System background task statuses
PRV_TASK_STATUS	DESCRIPTION	created in 3.6.0	VARCHAR2	4000	Y	Constant description Description
PRV_TASK_STATUS	ID	created in 3.6.0	NUMBER	22	N	ID
PRV_TASK_STATUS	NAME	created in 3.6.0	VARCHAR2	256	Y	Name
PRV_TASK_TYPE	VERSION_BITMAP	deleted in 3.6.0	NUMBER	22	N	SMS/Voice/Retail task availability



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_AUTO_IMP_RULE	CAR_REPORT_MODE	changed in 3.6.0	VARCHAR2	10	Y	Notification type: 'full' - Full report, 'short' - Short report
RAT_AUTO_IMP_RULE	CREATED	created in 3.6.0	DATE	7	Y	Created date
RAT_AUTO_IMP_RULE	CREATED_BY	created in 3.6.0	VARCHAR2	256	Y	Created by
RAT_AUTO_IMP_RULE	FULL_REPORT_RECIPIENTS	changed in 3.6.0	VARCHAR2	4000	Y	Full recipients list (separate ',')
RAT_AUTO_IMP_RULE	LAST_UPDATED	created in 3.6.0	DATE	7	Y	Last updated date
RAT_AUTO_IMP_RULE	LAST_UPDATED_BY	created in 3.6.0	VARCHAR2	256	Y	Last updated by
RAT_AUTO_IMP_RULE	OWNER_REPORT_MODE	changed in 3.6.0	VARCHAR2	10	Y	Notification type: 'full' - Full report, 'short' - Short report
RAT_AUTO_IMP_RULE	SHORT_REPORT_RECIPIENTS	changed in 3.6.0	VARCHAR2	4000	Y	Short recipients list (separate ',')



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_BILL_INC_COUNTRY	COUNTRY_DIAL_CODE	changed in 3.6.0	VARCHAR2	16	N	Country dial code
RAT_BILL_INC_COUNTRY	END_DATE	created in 3.6.0	DATE	7	N	End date
RAT_BILL_INC_COUNTRY	ID	created in 3.6.0	NUMBER	22	N	ID
RAT_BILL_INC_COUNTRY	INC_TYPE	created in 3.6.0	NUMBER	22	Y	Deprecated since 3.5.29
RAT_BILL_INC_COUNTRY	ORIGIN_PREFIX	created in 3.6.0	VARCHAR2	16	Y	Origin prefix
RAT_BILL_INC_COUNTRY	START_DATE	created in 3.6.0	DATE	7	N	Start date
RAT_CA_RATE_STATUS	ANI_DIAL_CODE	created in 3.6.0	VARCHAR2	16	Y	Origin dial code
RAT_DEPEND_RATE_TMP	RATE_ANI_CSCD	deleted in 3.6.0	VARCHAR2	4000	Y	Carrier-specific origin destination
RAT_DEPEND_RATE_TMP	RATE_ANI_DIAL_CODE	deleted in 3.6.0	VARCHAR2	16	Y	Origin dial code
RAT_EXP_DEFERRED_TASK	-- Table --	created in 3.6.0				Deferred rate export task list



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_EXP_DEFERRED_TASK	MAIL_BODY	created in 3.6.0	CLOB	4000	Y	Mail body
RAT_EXP_DEFERRED_TASK	MAIL_SUBJECT	created in 3.6.0	VARCHAR2	1024	Y	Mail subject
RAT_EXP_DEFERRED_TASK	TASK_JOB_NAME	created in 3.6.0	VARCHAR2	256	N	Task job name (prv_task)
RAT_EXP_DEFERRED_TASK	TASK_PARAM_JSON	created in 3.6.0	VARCHAR2	4000	Y	Task parameters in simple JSON format
RAT_EXP_PRESET	PRESET_COLUMN_LIST	changed in 3.6.0	VARCHAR2	4000	N	Internal column names list
RAT_EXP_TAG_CHILD_TEMP	-- Table --	created in 3.6.0				Temporary table for child records for tag based rate export
RAT_EXP_TAG_MERGE_TEMP	-- Table --	created in 3.6.0				Temporary table for merging child and parent records for tag based rate export



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_EXP_TAG_PARENT_T MP	-- Table --	created in 3.6.0				Temporary table for parent records for tag based rate export
RAT_GEN_COMPILATION	CLIENT_CSCD	changed in 3.6.0	VARCHAR2	256	Y	CSCD destination
RAT_GEN_COMPILATION	CLIENT_DIAL_CODE	changed in 3.6.0	VARCHAR2	16	N	Client dial code
RAT_GEN_COMPILATION	CLIENT_VOLUME	changed in 3.6.0	NUMBER	22	Y	Client volume
RAT_GEN_COMPILATION	CLIENT_VOLUME_LAST _X_DAYS	changed in 3.6.0	NUMBER	22	Y	Client volume last X days (X - defined in compilation settings)
RAT_GEN_COMPILATION	DEF_VENDORS_USED	changed in 3.6.0	NUMBER	22	Y	Flag: 1 - default vendor used, 0 - not default vendor used
RAT_GEN_COMPILATION	RATE_CHANGE_TYPE	changed in 3.6.0	NUMBER	22	Y	Rate change type code: 0 - equal, 1 - decrease, 2 - increase, 3 - mess, 4 - undefied



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_GEN_COMPILATION	RATE_ID	changed in 3.6.0	NUMBER	22	Y	Client rate ID from RAT_RATE table
RAT_GEN_COMPILATION	RULE_ID	changed in 3.6.0	NUMBER	22	Y	Used rule ID
RAT_GEN_COMPILATION	SYS_DESTINATION	changed in 3.6.0	VARCHAR2	256	Y	System destination
RAT_GEN_COMPILATION	TASK_NAME	changed in 3.6.0	VARCHAR2	256	N	Compilation ID
RAT_GEN_COMPILATION	VENDOR_COUNT	changed in 3.6.0	NUMBER	22	Y	Analyzed vendor count
RAT_GEN_COMPILATION	VENDOR_LIST	changed in 3.6.0	VARCHAR2	4000	Y	Analyzed vendor breakouts
RAT_GEN_COMPILATION	VENDOR_TOTAL_VOLUME	changed in 3.6.0	NUMBER	22	Y	Vendor total volume
RAT_GEN_COMPILATION	WARNINGS	changed in 3.6.0	VARCHAR2	256	Y	Warnings
RAT_GROUPS_GTT	-- Table --	created in 3.6.0				Temporary table for rate editor



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_IMP_CHECKPOINT_TMP	-- Table --	created in 3.6.0				Temporary table for voice rate import
RAT_IMP_ERR_LOG	RATE_ANI_CSCD	changed in 3.6.0	VARCHAR2	4000	Y	Carrier-specific origin destination
RAT_IMP_LOAD_ORIGIN_CODE	ANI_CSCD	changed in 3.6.0	VARCHAR2	4000	Y	Carrier-specific origin destination
RAT_IMP_LOAD_RATE	RATE_ANI_CSCD	changed in 3.6.0	VARCHAR2	4000	Y	Carrier-specific origin destination
RAT_IMP_LOG	COUNTRY_SET_JSON	changed in 3.6.0	CLOB	4000	Y	List of new country
RAT_IMP_ORIGIN_TMP	-- Table --	created in 3.6.0				Temporary table for voice rate import
RAT_IMP_RATE_ORIGIN_STATUS	ANI_CODE_STATUS	created in 3.6.0	NUMBER	22	Y	ANI code status (1 - new, 2 - close)
RAT_IMP_RATE_ORIGIN_STATUS	ANI_CSCD	changed in 3.6.0	VARCHAR2	4000	N	Carrier-specific origin destination



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_IMP_RATE_ORIGIN_STATUS	ANI_DIAL_CODE	changed in 3.6.0	VARCHAR2	16	N	Origin dial code
RAT_IMP_RATE_ORIGIN_STATUS	TASK_JOB_NAME	changed in 3.6.0	VARCHAR2	128	N	Task job name (prv_task)
RAT_IMP_RATE_STATUS	ANI_CSCD	created in 3.6.0	VARCHAR2	256	Y	Carrier-specific origin destination
RAT_IMP_RATE_STATUS	ANI_DIAL_CODE	created in 3.6.0	VARCHAR2	16	Y	Origin dial code
RAT_IMP_RATE_STATUS	FILE_SRC_ADDR	created in 3.6.0	VARCHAR2	2048	Y	File sheet name and row number
RAT_IMP_SETTING	CHK_ANI	created in 3.6.0	NUMBER	22	Y	Check ANI
RAT_IMP_SETTING	SAME_FIELD	created in 3.6.0	VARCHAR2	30	Y	Same not-ANI field
RAT_MATCHING_DIAL_CODES_TMP	-- Table --	created in 3.6.0				Table for temporary usage of rate generator
RAT_MATCHING_DIAL_CODES_TMP	DST_DIAL_CODE	created in 3.6.0	VARCHAR2	16	Y	Dial code



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_MATCHING_DIAL_CODES_TMP	RATE_ID	created in 3.6.0	NUMBER	22	Y	Rate id
RAT_RATE	RATE_ANI_CSCD	deleted in 3.6.0	VARCHAR2	4000	Y	Carrier-specific origin destination
RAT_RATES_GTT	-- Table --	created in 3.6.0				Temporary table for rate editor
RAT_RATE_ARCHIVE	RATE_ANI_GRP_ID	created in 3.6.0	NUMBER	22	Y	Origin dial codes group ID
RAT_RATE_ERROR_LOG	-- Table --	deleted in 3.6.0				Error log table for RAT_RATE
RAT_RATE_ERROR_LOG	CONN_FEE	deleted in 3.6.0	VARCHAR2	4000	Y	Connection fee
RAT_RATE_ERROR_LOG	ORA_ERR_MESG\$	deleted in 3.6.0	VARCHAR2	2000	Y	Error message
RAT_RATE_ERROR_LOG	ORA_ERR_NUMBER\$	deleted in 3.6.0	NUMBER	22	Y	Error ORA number
RAT_RATE_ERROR_LOG	ORA_ERR_OPTYP\$	deleted in 3.6.0	VARCHAR2	2	Y	Error ORA type



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RATE_ERROR_LOG	ORA_ERR_ROWID\$	deleted in 3.6.0	UROWID	4000	Y	Error ROWID
RAT_RATE_ERROR_LOG	ORA_ERR_TAG\$	deleted in 3.6.0	VARCHAR2	2000	Y	Error tag
RAT_RATE_ERROR_LOG	RATE1	deleted in 3.6.0	VARCHAR2	4000	Y	Rate 1
RAT_RATE_ERROR_LOG	RATE2	deleted in 3.6.0	VARCHAR2	4000	Y	Rate 2
RAT_RATE_ERROR_LOG	RATE3	deleted in 3.6.0	VARCHAR2	4000	Y	Rate 3
RAT_RATE_ERROR_LOG	RATE4	deleted in 3.6.0	VARCHAR2	4000	Y	Rate 4
RAT_RATE_ERROR_LOG	RATE5	deleted in 3.6.0	VARCHAR2	4000	Y	Rate 5
RAT_RATE_ERROR_LOG	RATE6	deleted in 3.6.0	VARCHAR2	4000	Y	Rate 6
RAT_RATE_ERROR_LOG	RATE_BILL_INC_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Billing increment ID
RAT_RATE_ERROR_LOG	RATE_CSCD	deleted in 3.6.0	VARCHAR2	4000	Y	Carrier-specific destination
RAT_RATE_ERROR_LOG	RATE_DIAL_CODE	deleted in 3.6.0	VARCHAR2	4000	Y	Dial code



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RATE_ERROR_LOG	RATE_END_DATE	deleted in 3.6.0	VARCHAR2	4000	Y	End date
RAT_RATE_ERROR_LOG	RATE_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Rate ID
RAT_RATE_ERROR_LOG	RATE_NOTES	deleted in 3.6.0	VARCHAR2	4000	Y	Rate note
RAT_RATE_ERROR_LOG	RATE_PRODUCT_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Product ID
RAT_RATE_ERROR_LOG	RATE_START_DATE	deleted in 3.6.0	VARCHAR2	4000	Y	Start date
RAT_RATE_ERROR_LOG	RATE_TIMEMASK_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Timemask ID
RAT_RATE_IMPORT_TMP_NEW	-- Table --	created in 3.6.0				Temporary table for voice rate import
RAT_RATE_IMPORT_TMP_NEW	RATE1	created in 3.6.0	NUMBER	22	Y	Rate 1 New price Price
RAT_RATE_IMPORT_TMP_NEW	RATE_ANI_GRP_ID	created in 3.6.0	NUMBER	22	Y	Origin dial codes group ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RATE_IMPORT_TMP_NEW	RATE_BILL_INC_ID	created in 3.6.0	NUMBER	22	Y	Billing increment ID Increment scheme
RAT_RATE_IMPORT_TMP_NEW	RATE_CSCD	created in 3.6.0	VARCHAR2	256	Y	Carrier-specific destination CSCD
RAT_RATE_IMPORT_TMP_NEW	RATE_DIAL_CODE	created in 3.6.0	VARCHAR2	16	Y	Dial code Rate dial Change code/Sender ID e.164 (optional)
RAT_RATE_IMPORT_TMP_NEW	RATE_END_DATE	created in 3.6.0	DATE	7	Y	End date Rate effective till rate record end affective
RAT_RATE_IMPORT_TMP_NEW	RATE_ID	created in 3.6.0	NUMBER	22	Y	rate_id Rate ID (primary key) Client POI SMS rate
RAT_RATE_IMPORT_TMP_NEW	RATE_NOTES	created in 3.6.0	VARCHAR2	256	Y	Rate note notes
RAT_RATE_IMPORT_TMP_NEW	RATE_PRODUCT_ID	created in 3.6.0	NUMBER	22	Y	Product ID rate product id (link to BAS_PRODUCT table)



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RATE_IMPORT_TMP_NEW	RATE_START_DATE	created in 3.6.0	DATE	7	Y	Rate effective from
RAT_RATE_IMPORT_TMP_NEW	RATE_TIMEMASK_ID	created in 3.6.0	NUMBER	22	Y	Timemask ID
RAT_RATE_IMPORT_TMP_OLD	-- Table --	created in 3.6.0				Temporary table for voice rate import
RAT_RATE_IMPORT_TMP_OLD	RATE1	created in 3.6.0	NUMBER	22	Y	Rate 1 New price Price
RAT_RATE_IMPORT_TMP_OLD	RATE_ANI_GRP_ID	created in 3.6.0	NUMBER	22	Y	Origin dial codes group ID
RAT_RATE_IMPORT_TMP_OLD	RATE_BILL_INC_ID	created in 3.6.0	NUMBER	22	Y	Billing increment ID Increment scheme
RAT_RATE_IMPORT_TMP_OLD	RATE_CSCD	created in 3.6.0	VARCHAR2	256	Y	Carrier-specific destination CSCD
RAT_RATE_IMPORT_TMP_OLD	RATE_DIAL_CODE	created in 3.6.0	VARCHAR2	16	Y	Dial code Rate dial Change code/Sender ID e.164 (optional)



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RATE_IMPORT_TMP_OLD	RATE_END_DATE	created in 3.6.0	DATE	7	Y	End date Rate effective till rate record end affective
RAT_RATE_IMPORT_TMP_OLD	RATE_ID	created in 3.6.0	NUMBER	22	Y	rate_id Rate ID (primary key) Client POI SMS rate
RAT_RATE_IMPORT_TMP_OLD	RATE_NOTES	created in 3.6.0	VARCHAR2	256	Y	Rate note notes
RAT_RATE_IMPORT_TMP_OLD	RATE_PRODUCT_ID	created in 3.6.0	NUMBER	22	Y	Product ID rate product id (link to BAS_PRODUCT table)
RAT_RATE_IMPORT_TMP_OLD	RATE_START_DATE	created in 3.6.0	DATE	7	Y	Rate effective from
RAT_RATE_IMPORT_TMP_OLD	RATE_TIMEMASK_ID	created in 3.6.0	NUMBER	22	Y	Timemask ID
RAT_RATE_ORIGIN_CODE	-- Table --	created in 3.6.0				Rate origin dial codes
RAT_RATE_ORIGIN_CODE	ANI_DIAL_CODE	created in 3.6.0	VARCHAR2	16	N	Origin dial code



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RATE_ORIGIN_CODE	CODE_GRP_ID	created in 3.6.0	NUMBER	22	N	ID origin dial code group
RAT_RATE_ORIGIN_GROUP	-- Table --	deleted in 3.6.0				Rate origin dial codes
RAT_RATE_ORIGIN_GROUP	ANI_DIAL_CODE	deleted in 3.6.0	VARCHAR2	16	N	Origin dial code
RAT_RATE_ORIGIN_GROUP	GRP_ID	deleted in 3.6.0	NUMBER	22	N	Origin dial codes group ID
RAT_RATE_ORIGIN_GROUP_TMP	ANI_CSCD	created in 3.6.0	VARCHAR2	256	N	Carrier-specific origin destination
RAT_RATE_ORIGIN_GROUP_TMP	ANI_DIAL_CODE	created in 3.6.0	VARCHAR2	16	N	Origin dial code
RAT_RATE_ORIGIN_GROUP_TMP	END_DATE	created in 3.6.0	DATE	7	Y	End date
RAT_RATE_ORIGIN_GROUP_TMP	GRP_ID	created in 3.6.0	NUMBER	22	Y	ID origin dial code group



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RATE_ORIGIN_GROUP_TMP	START_DATE	created in 3.6.0	DATE	7	Y	Start date
RAT_RATE_ORIGIN_GRP	-- Table --	created in 3.6.0				Rate origin group
RAT_RATE_ORIGIN_GRP	CODE_GRP_ID	created in 3.6.0	NUMBER	22	Y	ID origin dial code group
RAT_RATE_ORIGIN_GRP	GRP_DIRECTION	created in 3.6.0	NUMBER	22	N	Group direction
RAT_RATE_ORIGIN_GRP	GRP_ID	created in 3.6.0	NUMBER	22	N	ID origin group
RAT_RATE_ORIGIN_GRP	GRP_IS_ACTIVE	created in 3.6.0	NUMBER	22	Y	Activity flag (0/1)
RAT_RATE_ORIGIN_GRP	GRP_NAME	created in 3.6.0	VARCHAR2	256	N	Group name
RAT_RATE_ORIGIN_GRP	GRP_PRODUCT_ID	created in 3.6.0	NUMBER	22	Y	ID vendor product,
RAT_RATE_TMP	NOT_FOR_IMPORT	created in 3.6.0	NUMBER	22	Y	Rate update flag
RAT_RATE_TMP	RATE_ANI_CSCD	changed in 3.6.0	VARCHAR2	4000	Y	Carrier-specific origin destination



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RATE_TMP	RATE_ANI_GRP_ID	created in 3.6.0	NUMBER	22	Y	ANI-group ID
RAT_RCN_IN	-- Table --	created in 3.6.0				Rate change notification
RAT_RCN_IN	RATE1	created in 3.6.0	NUMBER	22	Y	Rate 1 New price Price
RAT_RCN_IN	RATE2	created in 3.6.0	NUMBER	22	Y	Old price Rate 2
RAT_RCN_IN	RATE3	created in 3.6.0	NUMBER	22	Y	Rate 3
RAT_RCN_IN	RATE4	created in 3.6.0	NUMBER	22	Y	Rate 4
RAT_RCN_IN	RATE5	created in 3.6.0	NUMBER	22	Y	Rate 5
RAT_RCN_IN	RATE6	created in 3.6.0	NUMBER	22	Y	Rate 6
RAT_RCN_IN	RATE_BILL_INC_ID	created in 3.6.0	NUMBER	22	N	Billing increment ID Increment scheme
RAT_RCN_IN	RATE_CSCD	created in 3.6.0	VARCHAR2	256	Y	Carrier-specific destination CSCD



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RCN_IN	RATE_DIAL_CODE	created in 3.6.0	VARCHAR2	16	N	Dial code Rate dial Change code/Sender ID e.164 (optional)
RAT_RCN_IN	RATE_END_DATE	created in 3.6.0	DATE	7	N	End date Rate effective till rate record end affective
RAT_RCN_IN	RATE_HASH	created in 3.6.0	VARCHAR2	20	Y	Rate hash
RAT_RCN_IN	RATE_ID	created in 3.6.0	NUMBER	22	N	rate_id Rate ID (primary key) Client POI SMS rate
RAT_RCN_IN	RATE_NOTES	created in 3.6.0	VARCHAR2	256	Y	Rate note notes
RAT_RCN_IN	RATE_PRODUCT_ID	created in 3.6.0	NUMBER	22	N	Product ID rate product id (link to BAS_PRODUCT table)
RAT_RCN_IN	RATE_START_DATE	created in 3.6.0	DATE	7	N	Rate effective from
RAT_RCN_IN	RATE_TIMEMASK_ID	created in 3.6.0	NUMBER	22	N	Timemask ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RCN_MERGE_TREE	-- Table --	created in 3.6.0				Rate change notification temporary table
RAT_RCN_MERGE_TREE	DIAL_CODE	created in 3.6.0	VARCHAR2	16	Y	Dial code
RAT_RCN_MERGE_TREE	END_DATE	created in 3.6.0	DATE	7	Y	Effective till
RAT_RCN_MERGE_TREE	PRODUCT_ID	created in 3.6.0	NUMBER	22	Y	Product ID
RAT_RCN_MERGE_TREE	RATE_HASH	created in 3.6.0	VARCHAR2	20	Y	Hash
RAT_RCN_MERGE_TREE	RATE_ID	created in 3.6.0	NUMBER	22	Y	rate_id Rate ID (primary key) Client POI SMS rate
RAT_RCN_MERGE_TREE	START_DATE	created in 3.6.0	DATE	7	Y	Effective from
RAT_RCN_SCHEDULE	LAST_EXEC_DATE	changed in 3.6.0	DATE	7	Y	Previous execution date
RAT_RCN_SCHEDULE	SCHEDULE	changed in 3.6.0	VARCHAR2	256	Y	Schedule in the flesh
RAT_RCN_TASK	SYS_JOB_NAME	created in 3.6.0	VARCHAR2	64	Y	Job name



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RCS_EDR_STATUS_TMP	-- Table --	created in 3.6.0				Temporary table for RCS delivery report processing
RCS_RATE_EXP_TMP	-- Table --	created in 3.6.0				RCS rate export GTT
REP_DATA	-- Table --	created in 3.6.0				Replication stats for dicts
REP_TABLE	IS_DICT	created in 3.6.0	NUMBER	22	Y	Is table a dictionary
REP_TABLE	REP_ROWS	created in 3.6.0	NUMBER	22	Y	Rows replicated
RPT_DATA	-- Table --	created in 3.6.0				Report data
RPT_DATA	REPORT_DATE	created in 3.6.0	DATE	7	Y	Report date
RPT_DATA	RPT_DETAILS	created in 3.6.0	CLOB	4000	Y	Report details
RPT_DATA	RPT_SQL	created in 3.6.0	CLOB	4000	Y	Report sql
RPT_DATA	SQL_ID	created in 3.6.0	NUMBER	22	N	Sql id
RPT_DATA	TASK_NAME	created in 3.6.0	VARCHAR2	256	Y	Task name



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RPT_DATA	TTL	created in 3.6.0	NUMBER	22	Y	Ttl
RPT_DATA_STORE	-- Table --	created in 3.6.0				Report result
RPT_DATA_STORE	COL_DESC	created in 3.6.0	VARCHAR2	128	Y	Column decription
RPT_DATA_STORE	COL_NAME	created in 3.6.0	VARCHAR2	128	Y	Column name
RPT_DATA_STORE	COL_TYPE	created in 3.6.0	NUMBER	22	Y	Column type
RPT_DATA_STORE	ROW_NO	created in 3.6.0	NUMBER	22	Y	Roe number
RPT_DATA_STORE	SQL_ID	created in 3.6.0	NUMBER	22	Y	Sql id
RPT_DATA_STORE	VAL	created in 3.6.0	VARCHAR2	4000	Y	Value
RPT_PARAM2	-- Table --	created in 3.6.0				Report parameters
RPT_PARAM2	PARAM_BIND_NAME	created in 3.6.0	VARCHAR2	30	N	Parameter bind name (used in query)
RPT_PARAM2	PARAM_DEFAULT_EXP	created in 3.6.0	VARCHAR2	4000	Y	Default expression



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RPT_PARAM2	PARAM_ID	created in 3.6.0	NUMBER	22	N	Parameter ID (primary key)
RPT_PARAM2	PARAM_NAME	created in 3.6.0	VARCHAR2	256	N	Parameter name
RPT_PARAM2	PARAM_ORDER_VALUE	created in 3.6.0	NUMBER	22	Y	Order value
RPT_PARAM2	PARAM_REPORT_ID	created in 3.6.0	NUMBER	22	N	Report ID (link to RPT_REPORT table)
RPT_PARAM2	PARAM_SIZE	created in 3.6.0	NUMBER	22	Y	Param size
RPT_PARAM2	PARAM_SQL_QUERY	created in 3.6.0	VARCHAR2	4000	Y	SQL query to generate list of values.
RPT_PARAM2	PARAM_TYPE_CODE	created in 3.6.0	VARCHAR2	30	N	Parameter code (primary key) Param type
RPT_PRESET2	-- Table --	created in 3.6.0				Report presets
RPT_PRESET2	BATCH_SQL	created in 3.6.0	VARCHAR2	4000	Y	Scheduler SQL



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RPT_PRESET2	BCC_EMAILS	created in 3.6.0	VARCHAR2	4000	Y	BCC emails for report sending
RPT_PRESET2	CC_EMAILS	created in 3.6.0	VARCHAR2	4000	Y	Cc emails
RPT_PRESET2	CC_ID	created in 3.6.0	NUMBER	22	Y	Contract company ID id contract
RPT_PRESET2	LAST_ERROR	created in 3.6.0	VARCHAR2	4000	Y	Last error when applying send if occurred execution
RPT_PRESET2	LAST_EXEC_DATE	created in 3.6.0	DATE	7	Y	Last execution date Previous
RPT_PRESET2	MAIL_OUT_TYPE	created in 3.6.0	VARCHAR2	16	N	Format type (HTML/XLS/CSV)
RPT_PRESET2	NEXT_EXEC_DATE	created in 3.6.0	DATE	7	Y	Next execution date
RPT_PRESET2	PRESET_DESCR	created in 3.6.0	VARCHAR2	256	N	Preset description
RPT_PRESET2	PRESET_ID	created in 3.6.0	NUMBER	22	N	Preset ID id



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RPT_PRESET2	REPORT_ID	created in 3.6.0	NUMBER	22	Y	Report ID (primary key)
RPT_PRESET2	RESULT_SQL_ID	created in 3.6.0	NUMBER	22	Y	Result sql id
RPT_PRESET2	SCHEDULE	created in 3.6.0	VARCHAR2	512	Y	Preset schedule Schedule in the flesh
RPT_PRESET2	STATE	created in 3.6.0	NUMBER	22	N	State
RPT_PRESET2	SUBSCRIBER_EMAILS	created in 3.6.0	VARCHAR2	4000	Y	Recipients
RPT_PRESET2	TELEGRAM_CHAT_ID	created in 3.6.0	VARCHAR2	1000	Y	Telegram chat ID
RPT_PRESET2	TELEGRAM_MESSAGE	created in 3.6.0	VARCHAR2	4000	Y	Telegram message
RPT_PRESET2	USER_ID	created in 3.6.0	NUMBER	22	N	User numeric ID (primary key) Manager User-creator
RPT_PRESET_PARAM2	-- Table --	created in 3.6.0				Report preset parameter values
RPT_PRESET_PARAM2	PARAM_EXP	created in 3.6.0	VARCHAR2	4000	Y	Default expression



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RPT_PRESET_PARAM2	PARAM_ID	created in 3.6.0	NUMBER	22	N	Parameter ID (primary key)
RPT_PRESET_PARAM2	PRESET_ID	created in 3.6.0	NUMBER	22	N	Preset ID id
RPT_PRESET_STATE	-- Table --	created in 3.6.0				Report statuse settings
RPT_PRESET_STATE	ID	created in 3.6.0	NUMBER	22	N	ID
RPT_PRESET_STATE	NAME	created in 3.6.0	VARCHAR2	2000	Y	Name
RPT_REPORT	RECURRENT_CREATOR_ID	created in 3.6.0	NUMBER	22	Y	id of the user who created the first preset with Is recurrent.
RPT_REPORT	REPORT_CHANGE_DATE	created in 3.6.0	DATE	7	Y	Report change date
RPT_REPORT	REPORT_CREATE_DATE	created in 3.6.0	DATE	7	Y	Report create date
RPT_REPORT2	-- Table --	created in 3.6.0				Reports



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RPT_REPORT2	GROUP_ID	created in 3.6.0	NUMBER	22	Y	Group ID
RPT_REPORT2	REPORT_CHANGE_DATE	created in 3.6.0	DATE	7	Y	Report change date
RPT_REPORT2	REPORT_CREATE_DATE	created in 3.6.0	DATE	7	Y	Report create date
RPT_REPORT2	REPORT_DESCR	created in 3.6.0	VARCHAR2	4000	Y	Report description
RPT_REPORT2	REPORT_ERR_REPEAT	created in 3.6.0	NUMBER	22	Y	Error count
RPT_REPORT2	REPORT_FOR_PORTAL	created in 3.6.0	VARCHAR2	1	Y	For portal flag
RPT_REPORT2	REPORT_GUID	created in 3.6.0	VARCHAR2	64	N	GUID
RPT_REPORT2	REPORT_ID	created in 3.6.0	NUMBER	22	N	Report ID (primary key)
RPT_REPORT2	REPORT_IS_SYSTEM	created in 3.6.0	NUMBER	22	N	Is system flag
RPT_REPORT2	REPORT_NAME	created in 3.6.0	VARCHAR2	256	N	Report name



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RPT_REPORT2	REPORT_ROLE_CODE	created in 3.6.0	VARCHAR2	30	Y	Role required for report
RPT_REPORT2	REPORT_SQL	created in 3.6.0	CLOB	4000	N	Report SQL
RPT_REPORT2	REPORT_TEMPLATE_B LOB	created in 3.6.0	BLOB	4000	Y	xls template BLOB
RPT_REPORT2	REPORT_TEMPLATE_T YPE	created in 3.6.0	VARCHAR2	16	Y	Template type
RPT_REPORT2	STORAGE_PERIOD	created in 3.6.0	NUMBER	22	Y	Storage period
RPT_REPORT2	STORAGE_ROWS	created in 3.6.0	NUMBER	22	Y	Storage rows
RPT_REPORT2	TYPE_ID	created in 3.6.0	NUMBER	22	Y	Dial code numeric ID
RPT_REPORT2_GROUP	-- Table --	created in 3.6.0				Report group
RPT_REPORT2_GROUP	DESCR	created in 3.6.0	VARCHAR2	512	N	Description description Installation
RPT_REPORT2_GROUP	GROUP_ID	created in 3.6.0	NUMBER	22	N	Group ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RPT_REPORT2_GROUP	PARENT	created in 3.6.0	NUMBER	22	Y	Parent
RPT_REPORT2_TYPE	-- Table --	created in 3.6.0				Report type
RPT_REPORT2_TYPE	DESCR	created in 3.6.0	VARCHAR2	512	N	Description description Installation
RPT_REPORT2_TYPE	TYPE_ID	created in 3.6.0	NUMBER	22	N	Dial code numeric ID
RPT_TASK_HIST	-- Table --	created in 3.6.0				Report task history
RPT_TASK_HIST	TASK_HIST	created in 3.6.0	VARCHAR2	1000	Y	Task history record
RPT_TASK_HIST	TASK_NAME	created in 3.6.0	VARCHAR2	256	Y	Task name
RPT_TASK_HIST	TASK_TIME	created in 3.6.0	TIMESTAMP(6)	11	Y	Task time
RUPD\$_SMS_RATE	-- Table --	deleted in 3.6.0				temporary updatable snapshot log
RUT_LIM_LOCK	PRODUCT_ID	changed in 3.6.0	NUMBER	22	N	Product ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RUT_LIM_LOCK	VND_PRODUCT_LIST	created in 3.6.0	VARCHAR2	4000	Y	Vendor product ID list
RUT_LIM_LOCK	VND_PRODUCT_LIST_ID	created in 3.6.0	NUMBER	22	Y	Vendor products list ID
RUT_LIM_LOCK	VND_PRODUCT_SCOPE	created in 3.6.0	NUMBER	22	Y	Vendor product scope: 1 - inclusive, -1 exclusive
RUT_LIM_METRIC	METRIC_CODE	created in 3.6.0	VARCHAR2	256	Y	Metric code for translation of limitations rules
RUT_LIM_RULE	PRODUCT_ID	changed in 3.6.0	NUMBER	22	Y	Product ID
RUT_LIM_RULE	PRODUCT_NOTES	created in 3.6.0	VARCHAR2	1000	Y	Product notes
RUT_LIM_RULE	PRODUCT_NOTES_DIR	created in 3.6.0	NUMBER	22	Y	Product notes direction (0 - client, 1 - vendor)
RUT_LIM_RULE	VND_PRODUCT_LIST_ID	created in 3.6.0	NUMBER	22	Y	Vendor products list ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RUT_LIM_RULE	VND_PRODUCT_SCOPE	created in 3.6.0	NUMBER	22	Y	Vendor product scope: 1 - inclusive, -1 - exclusive, 0 - all
RUT_LIM_STATS_TMP	PRODUCT_ID	deleted in 3.6.0	NUMBER	22	Y	Product ID
RUT_LIM_STATS_TMP	PRODUCT_NOTES	created in 3.6.0	VARCHAR2	1000	Y	Product notes
RUT_LIM_STATS_TMP	SRC_PRODUCT_ID	created in 3.6.0	NUMBER	22	Y	Client product ID
RUT_LIM_STATS_TMP	VND_LIST_ID	created in 3.6.0	NUMBER	22	Y	Vendor products list ID
RUT_LIM_VND_LIST	-- Table --	created in 3.6.0				Limitation rules vendor product list
RUT_LIM_VND_LIST	LIST_ID	created in 3.6.0	NUMBER	22	N	Vendor product list ID
RUT_LIM_VND_LIST	PRODUCT_ID	created in 3.6.0	NUMBER	22	N	Vendor product ID
RUT_SOFT_SWITCH	IP_WHITELISTING	created in 3.6.0	NUMBER	22	N	Whitelist ip
RUT_SOFT_SWITCH	MYSQL_IP	created in 3.6.0	VARCHAR2	256	Y	Mysql ip



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RUT_SOFT_SWITCH	MYSQL_LOGIN	created in 3.6.0	VARCHAR2	256	Y	Mysql login
RUT_SOFT_SWITCH	MYSQL_PASSWORD	created in 3.6.0	VARCHAR2	256	Y	Mysql password
RUT_SOFT_SWITCH	MYSQL_PORT	created in 3.6.0	NUMBER	22	Y	Mysql port
RUT_SOFT_SWITCH	OPENSIPS_WHITELIST_TABLE	created in 3.6.0	VARCHAR2	256	Y	Table name (varchar2), required field when enabling the option
RUT_SOFT_SWITCH	SOFT_SWITCH_JSON_REQUEST	created in 3.6.0	VARCHAR2	4000	Y	Softswitch JSON request
RUT_SOFT_SWITCH	SOFT_SWITCH_PORT	created in 3.6.0	VARCHAR2	10	Y	Softswitch port
RUT_SOFT_SWITCH	SOFT_SWITCH_URL	created in 3.6.0	VARCHAR2	4000	Y	Softswitch URL
RUT_SRC_PRFX_RAW_TMP	-- Table --	created in 3.6.0				Temporary table for raw data for tag import
RUT_SRC_PRFX_TMP	-- Table --	created in 3.6.0				Temporary table for tag import data



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_2WAY_REF_TMP	-- Table --	created in 3.6.0				Temporary table for 2way reference data import
SMS_BLOCKING_RULES	-- Table --	created in 3.6.0				Vendor blocking rules
SMS_BLOCKING_RULES	ANI_PATTERN	created in 3.6.0	VARCHAR2	4000	Y	regex
SMS_BLOCKING_RULES	BLOCK_MODE	created in 3.6.0	VARCHAR2	32	Y	block mode (id list from sms_blockrules_mode_list)
SMS_BLOCKING_RULES	BLOCK_PERIOD	created in 3.6.0	NUMBER	22	Y	integer (in minutes)
SMS_BLOCKING_RULES	CLIENT_LIST	created in 3.6.0	VARCHAR2	4000	Y	list of integers separated with space, empty field or * means any product
SMS_BLOCKING_RULES	CLIENT_LIST_TYPE	created in 3.6.0	NUMBER	22	Y	client product list type (0 - all, -1 - excluding, 1 - including)
SMS_BLOCKING_RULES	COMPLETE_PERIOD	created in 3.6.0	VARCHAR2	1	Y	complete period flag (1 - yes, null - no)



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_BLOCKING_RULES	CONDITION	created in 3.6.0	VARCHAR2	4000	Y	condition in routing rule
SMS_BLOCKING_RULES	DESTINATION_TAG_LIST	created in 3.6.0	VARCHAR2	4000	Y	list of DNIS tags allowed for the blocking rule
SMS_BLOCKING_RULES	DESTINATION_TAG_LIST_TYPE	created in 3.6.0	NUMBER	22	Y	destination ID tag list type (0 - all, -1 - excluding, 1 - including)
SMS_BLOCKING_RULES	DNIS_PATTERN	created in 3.6.0	VARCHAR2	4000	Y	regexp
SMS_BLOCKING_RULES	MCCMNC_LIST	created in 3.6.0	VARCHAR2	4000	Y	list of 3-, 5- or 6-digit values separated with space, empty field or * means any MCCMNC, MCC* also allowed
SMS_BLOCKING_RULES	MCCMNC_LIST_TYPE	created in 3.6.0	NUMBER	22	Y	mccmnc list type (0 - all, -1 - excluding, 1 - including)
SMS_BLOCKING_RULES	MESSAGE_LIMIT	created in 3.6.0	NUMBER	22	N	non-zero unsigned integer



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_BLOCKING_RULES	ROUTING_RULE_LIST	created in 3.6.0	VARCHAR2	4000	Y	list of RR which are [un]compatible with the blocking rule
SMS_BLOCKING_RULES	ROUTING_RULE_LIST_TYPE	created in 3.6.0	NUMBER	22	Y	routing rule list type (0 - all, -1 - excluding, 1 - including)
SMS_BLOCKING_RULES	RULE_ID	created in 3.6.0	NUMBER	22	N	ID
SMS_BLOCKING_RULES	RULE_NAME	created in 3.6.0	VARCHAR2	256	N	name
SMS_BLOCKING_RULES	RULE_PRIORITY	created in 3.6.0	NUMBER	22	Y	the bigger value the higher priority (integer > 0)
SMS_BLOCKING_RULES	SENDER_ID_TAG_LIST	created in 3.6.0	VARCHAR2	4000	Y	list of sender ID tags allowed for the blocking rule
SMS_BLOCKING_RULES	SENDER_ID_TAG_LIST_TYPE	created in 3.6.0	NUMBER	22	Y	sender ID tag list type (0 - all, -1 - excluding, 1 - including)



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_BLOCKING_RULES	START_DATE	created in 3.6.0	DATE	7	N	start date
SMS_BLOCKING_RULES	STOP_DATE	created in 3.6.0	DATE	7	N	start date omitted means sometime in the past, stop date omitted means far far unapproachable future
SMS_BLOCKING_RULES	TEXT_PATTERN	created in 3.6.0	VARCHAR2	4000	Y	regex
SMS_BLOCKING_RULES	TYPE_PERIOD	created in 3.6.0	VARCHAR2	2	N	SS(sec), MM(minute), HH(hour) or DD(day)
SMS_BLOCKING_RULES	VENDOR_LIST	created in 3.6.0	VARCHAR2	4000	Y	list of integers separated with space, empty field or * means any product
SMS_BLOCKING_RULES	VENDOR_LIST_TYPE	created in 3.6.0	NUMBER	22	Y	vendor product list type (0 - all, -1 - excluding, 1 - including)
SMS_BLOCKRULES_MODE_LIST	-- Table --	created in 3.6.0				mode_id for Vendor blocking rules



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_BLOCKRULES_MODE_LIST	DESCR	created in 3.6.0	VARCHAR2	256	N	Name UI-code
SMS_BLOCKRULES_MODE_LIST	ID	created in 3.6.0	NUMBER	22	N	ID
SMS_BUFFERING_RULES	CREATED	created in 3.6.0	DATE	7	Y	Created date
SMS_BUFFERING_RULES	CREATED_BY	created in 3.6.0	VARCHAR2	256	Y	Created by
SMS_BUFFERING_RULES	LAST_UPDATED	created in 3.6.0	DATE	7	Y	Last updated date
SMS_BUFFERING_RULES	LAST_UPDATED_BY	created in 3.6.0	VARCHAR2	256	Y	Last updated by
SMS_CAMPAIGN	BUTTON_ACTION_URL	created in 3.6.0	VARCHAR2	4000	Y	Button target UR
SMS_CAMPAIGN	BUTTON_CAPTION	created in 3.6.0	VARCHAR2	4000	Y	Button caption
SMS_CAMPAIGN	CAMPAIGN_KEYWORD	changed in 3.6.0	VARCHAR2	100	Y	Keyword
SMS_CAMPAIGN	EXPECT_USER_RESP	created in 3.6.0	NUMBER	22	Y	Expect user response



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CAMPAIGN	FAILURE_ALERT_SENT	created in 3.6.0	NUMBER	22	Y	Failure alert sent
SMS_CAMPAIGN	IMAGE_URL	created in 3.6.0	VARCHAR2	4000	Y	Button icon URL
SMS_CAMPAIGN	IM_CHANNELS	created in 3.6.0	VARCHAR2	4000	Y	Im channels
SMS_CAMPAIGN	IM_MESSAGE	created in 3.6.0	VARCHAR2	4000	Y	Im message
SMS_CAMPAIGN	IM_TTLS	created in 3.6.0	VARCHAR2	4000	Y	Im ttl
SMS_CAMPAIGN	MESSAGE_LABEL	created in 3.6.0	VARCHAR2	256	Y	Message label
SMS_CAMPAIGN	MESSAGE_PURPOSE	created in 3.6.0	VARCHAR2	100	Y	Message Purpose
SMS_CAMPAIGN	REPLY_TEMPL_ID	created in 3.6.0	NUMBER	22	Y	Reply template
SMS_CAMPAIGN	SENT_ROW_INTERVALS	created in 3.6.0	VARCHAR2	4000	Y	Intervals of sent row
SMS_CDR	BILL_AMOUNT_DST	created in 3.6.0	NUMBER	22	Y	Vendor billable amount
SMS_CDR	BILL_AMOUNT_SRC	created in 3.6.0	NUMBER	22	Y	Client billable amount



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR	CDR_ACTIVATION_TIME	created in 3.6.0	DATE	7	Y	Time when was received status ACTIVATED
SMS_CDR	CDR_DST_DID_BILL_SCHEME_ID	created in 3.6.0	NUMBER	22	Y	Vendor Billing scheme ID
SMS_CDR	CDR_DST_DID_END_DATE	created in 3.6.0	DATE	7	Y	Vendor did end date
SMS_CDR	CDR_DST_DID_START_DATE	created in 3.6.0	DATE	7	Y	Vendor did start date
SMS_CDR	CDR_IS_DST_DID	created in 3.6.0	NUMBER	22	Y	Is SMS sent to the DID number currently linked to the vendor product in the DVD refbook
SMS_CDR	CDR_IS_SRC_DID	created in 3.6.0	NUMBER	22	Y	Is SMS sent to the DID number currently linked to the client product in the DVD refbook



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR	CDR_SRC_DID_BILL_SCHEME_ID	created in 3.6.0	NUMBER	22	Y	Client Billing scheme ID
SMS_CDR	CDR_SRC_DID_END_DATE	created in 3.6.0	DATE	7	Y	Client did end date
SMS_CDR	CDR_SRC_DID_START_DATE	created in 3.6.0	DATE	7	Y	Client did start date
SMS_CDR	HLRCACHED	created in 3.6.0	NUMBER	22	Y	HLR cached
SMS_CDR	HLRPORTED	created in 3.6.0	VARCHAR2	8	Y	HLR Ported
SMS_CDR	HLRSOURCENAME	created in 3.6.0	VARCHAR2	64	Y	HLR source name
SMS_CDR	HLRSOURCETYPE	created in 3.6.0	VARCHAR2	64	Y	HLR source type
SMS_CDR	REVERSE_CHARGE_DEST	created in 3.6.0	NUMBER	22	Y	Reverse charge for DST (-1,1)
SMS_CDR	REVERSE_CHARGE_SRC	created in 3.6.0	NUMBER	22	Y	Reverse charge for SRC (-1,1)



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR	SARPARTNUMBER	created in 3.6.0	NUMBER	22	Y	SAR part number
SMS_CDR	STATEFULPROCESSING	created in 3.6.0	NUMBER	22	Y	Stateful processing
SMS_CDR_ARCHIVE	BILL_AMOUNT_DST	created in 3.6.0	NUMBER	22	Y	Vendor billable amount
SMS_CDR_ARCHIVE	BILL_AMOUNT_SRC	created in 3.6.0	NUMBER	22	Y	Client billable amount
SMS_CDR_ARCHIVE	CDR_ACTIVATION_TIME	created in 3.6.0	DATE	7	Y	Time when was received status ACTIVATED
SMS_CDR_ARCHIVE	CDR_DLR_TECH_DETAILS	changed in 3.6.0	VARCHAR2	4000	Y	Delivery technical details
SMS_CDR_ARCHIVE	CDR_DST_DID_BILL_SCHEME_ID	created in 3.6.0	NUMBER	22	Y	Vendor Billing scheme ID
SMS_CDR_ARCHIVE	CDR_DST_DID_END_DATE	created in 3.6.0	DATE	7	Y	Vendor did end date
SMS_CDR_ARCHIVE	CDR_DST_DID_START_DATE	created in 3.6.0	DATE	7	Y	Vendor did start date



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_ARCHIVE	CDR_FILE_ID	changed in 3.6.0	NUMBER	22	Y	CDR file ID references to SMS_CDR_FILE_STATUS table
SMS_CDR_ARCHIVE	CDR_HLR_RESPONSE_CODE	created in 3.6.0	VARCHAR2	4000	Y	HLR response code
SMS_CDR_ARCHIVE	CDR_IS_DST_DID	created in 3.6.0	NUMBER	22	Y	Is SMS sent to the DID number currently linked to the vendor product in the DVD refbook
SMS_CDR_ARCHIVE	CDR_IS_SRC_DID	created in 3.6.0	NUMBER	22	Y	Is SMS sent to the DID number currently linked to the client product in the DVD refbook
SMS_CDR_ARCHIVE	CDR_SRC_DID_BILL_SCHEME_ID	created in 3.6.0	NUMBER	22	Y	Client Billing scheme ID
SMS_CDR_ARCHIVE	CDR_SRC_DID_END_DATE	created in 3.6.0	DATE	7	Y	Client did end date



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_ARCHIVE	CDR_SRC_DID_START_DATE	created in 3.6.0	DATE	7	Y	Client did start date
SMS_CDR_ARCHIVE	CDR_START_TIME	changed in 3.6.0	DATE	7	Y	Route start time
SMS_CDR_ARCHIVE	CDR_STOP_TIME	changed in 3.6.0	DATE	7	Y	Route stop time
SMS_CDR_ARCHIVE	CDR_TRANSLATION_RULE_DETAILS	created in 3.6.0	VARCHAR2	4000	Y	Translation rule details
SMS_CDR_ARCHIVE	HLRCACHED	created in 3.6.0	NUMBER	22	Y	HLR cached
SMS_CDR_ARCHIVE	HLRPORTED	created in 3.6.0	VARCHAR2	8	Y	HLR Ported
SMS_CDR_ARCHIVE	HLRSOURCENAME	created in 3.6.0	VARCHAR2	64	Y	HLR source name
SMS_CDR_ARCHIVE	HLRSOURCETYPE	created in 3.6.0	VARCHAR2	64	Y	HLR source type
SMS_CDR_ARCHIVE	REVERSE_CHARGE_DST	created in 3.6.0	NUMBER	22	Y	Reverse charge for DST (-1,1)



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_ARCHIVE	REVERSE_CHARGE_SRC	created in 3.6.0	NUMBER	22	Y	Reverse charge for SRC (-1,1)
SMS_CDR_ARCHIVE	SARPARTNUMBER	created in 3.6.0	NUMBER	22	Y	SAR part number
SMS_CDR_ARCHIVE	STATEFULPROCESSING	created in 3.6.0	NUMBER	22	Y	Stateful processing
SMS_CDR_BFRD	BILL_AMOUNT_DST	created in 3.6.0	NUMBER	22	Y	Vendor billable amount
SMS_CDR_BFRD	BILL_AMOUNT_SRC	created in 3.6.0	NUMBER	22	Y	Client billable amount
SMS_CDR_BFRD	CDR_ACTIVATION_TIME	created in 3.6.0	DATE	7	Y	Time when was received status ACTIVATED
SMS_CDR_BFRD	CDR_DST_DID_BILL_SCHEME_ID	created in 3.6.0	NUMBER	22	Y	Vendor Billing scheme ID
SMS_CDR_BFRD	CDR_DST_DID_END_DATE	created in 3.6.0	DATE	7	Y	Vendor did end date
SMS_CDR_BFRD	CDR_DST_DID_START_DATE	created in 3.6.0	DATE	7	Y	Vendor did start date



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_BFRD	CDR_IS_DST_DID	created in 3.6.0	NUMBER	22	Y	Is SMS sent to the DID number currently linked to the vendor product in the DVD refbook
SMS_CDR_BFRD	CDR_IS_SRC_DID	created in 3.6.0	NUMBER	22	Y	Is SMS sent to the DID number currently linked to the client product in the DVD refbook
SMS_CDR_BFRD	CDR_SRC_DID_BILL_SCHEME_ID	created in 3.6.0	NUMBER	22	Y	Client Billing scheme ID
SMS_CDR_BFRD	CDR_SRC_DID_END_DATE	created in 3.6.0	DATE	7	Y	Client did end date
SMS_CDR_BFRD	CDR_SRC_DID_START_DATE	created in 3.6.0	DATE	7	Y	Client did start date
SMS_CDR_BFRD	HLRCACHED	created in 3.6.0	NUMBER	22	Y	HLR cached
SMS_CDR_BFRD	HLRPORTED	created in 3.6.0	VARCHAR2	8	Y	HLR Ported



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_BFRD	HLRSOURCENAME	created in 3.6.0	VARCHAR2	64	Y	HLR source name
SMS_CDR_BFRD	HLRSOURCETYPE	created in 3.6.0	VARCHAR2	64	Y	HLR source type
SMS_CDR_BFRD	REVERSE_CHARGE_DS T	created in 3.6.0	NUMBER	22	Y	Reverse charge for DST (-1,1)
SMS_CDR_BFRD	REVERSE_CHARGE_SR C	created in 3.6.0	NUMBER	22	Y	Reverse charge for SRC (-1,1)
SMS_CDR_BFRD	SARPARTNUMBER	created in 3.6.0	NUMBER	22	Y	SAR part number
SMS_CDR_BFRD	STATEFULPROCESSING	created in 3.6.0	NUMBER	22	Y	Stateful processing
SMS_CDR_ERROR_LOG	-- Table --	deleted in 3.6.0				DML Error Logging table for "SMS_CDR"
SMS_CDR_ERROR_LOG	CDR_ATTEMPT_NUM	deleted in 3.6.0	VARCHAR2	4000	Y	Attempt number
SMS_CDR_ERROR_LOG	CDR_CALLED	deleted in 3.6.0	VARCHAR2	4000	Y	B-number e.164
SMS_CDR_ERROR_LOG	CDR_CALLING	deleted in 3.6.0	VARCHAR2	4000	Y	A-number e.164



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_ERROR_LOG	CDR_DELIVERY_ERRMSG	deleted in 3.6.0	VARCHAR2	4000	Y	Delivery error message
SMS_CDR_ERROR_LOG	CDR_DELIVERY_STATUS	deleted in 3.6.0	VARCHAR2	4000	Y	Deliver status
SMS_CDR_ERROR_LOG	CDR_DELIVERY_TIME	deleted in 3.6.0	VARCHAR2	4000	Y	SMS delivery time
SMS_CDR_ERROR_LOG	CDR_DIAL_CODE	deleted in 3.6.0	VARCHAR2	4000	Y	Destination e.164 dial code
SMS_CDR_ERROR_LOG	CDR_DLR_TECH_DETAILS	deleted in 3.6.0	VARCHAR2	4000	Y	Delivery technical details
SMS_CDR_ERROR_LOG	CDR_DONE_DATE	deleted in 3.6.0	VARCHAR2	4000	Y	Date of delivery arrival
SMS_CDR_ERROR_LOG	CDR_DST_CURRENCY_CODE	deleted in 3.6.0	VARCHAR2	4000	Y	Vendor rate currency
SMS_CDR_ERROR_LOG	CDR_DST_GUID	deleted in 3.6.0	VARCHAR2	4000	Y	Vendor SMSC GUID
SMS_CDR_ERROR_LOG	CDR_DST_IP	deleted in 3.6.0	VARCHAR2	4000	Y	Vendor SMSC IP address



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_ERROR_LOG	CDR_DST_IS_SUCCESSFUL	deleted in 3.6.0	VARCHAR2	4000	Y	Vendor success flag: 1 - successful sms, 0 - not successful
SMS_CDR_ERROR_LOG	CDR_DST_MCC_MNC	deleted in 3.6.0	VARCHAR2	4000	Y	Destination MCCMNC from vendor rates
SMS_CDR_ERROR_LOG	CDR_DST_MSG_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Message ID
SMS_CDR_ERROR_LOG	CDR_DST_PART_AMOUNT	deleted in 3.6.0	VARCHAR2	4000	Y	Amount of billable parts (Vendor)
SMS_CDR_ERROR_LOG	CDR_DST_PORT	deleted in 3.6.0	VARCHAR2	4000	Y	Vendor SMSC port
SMS_CDR_ERROR_LOG	CDR_DST_PRODUCT_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Vendor product ID
SMS_CDR_ERROR_LOG	CDR_DST_RATE	deleted in 3.6.0	VARCHAR2	4000	Y	Vendor rate
SMS_CDR_ERROR_LOG	CDR_DST_SERVICE_TYPE	deleted in 3.6.0	VARCHAR2	4000	Y	Vendor service type
SMS_CDR_ERROR_LOG	CDR_DST_SMSC_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Vendor POI ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_ERROR_LOG	CDR_EDR_TYPE	deleted in 3.6.0	VARCHAR2	4000	Y	EDR type: 1 - usual, 2 - 2-way, 3 - test, 4 - buffered
SMS_CDR_ERROR_LOG	CDR_EXTRA	deleted in 3.6.0	VARCHAR2	4000	Y	Extra CDR field
SMS_CDR_ERROR_LOG	CDR_HLR	deleted in 3.6.0	VARCHAR2	4000	Y	Flag: 1 - MCCMNC from HLR, 0 - from routing/DB
SMS_CDR_ERROR_LOG	CDR_HLR_MCC_MNC	deleted in 3.6.0	VARCHAR2	4000	Y	HLR rate currency
SMS_CDR_ERROR_LOG	CDR_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Record counter
SMS_CDR_ERROR_LOG	CDR_IS_LAST	deleted in 3.6.0	VARCHAR2	4000	Y	Flag: 1 - last attempt, 0 not last
SMS_CDR_ERROR_LOG	CDR_IS_SUCCESSFUL	deleted in 3.6.0	VARCHAR2	4000	Y	Flag: 1 - successful sms, 0 - not successful
SMS_CDR_ERROR_LOG	CDR_MCC_MNC	deleted in 3.6.0	VARCHAR2	4000	Y	Destination MCCMNC
SMS_CDR_ERROR_LOG	CDR_RULE_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Routing rule ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_ERROR_LOG	CDR_SRC_CURRENCY_CODE	deleted in 3.6.0	VARCHAR2	4000	Y	Client rate currency
SMS_CDR_ERROR_LOG	CDR_SRC_GUID	deleted in 3.6.0	VARCHAR2	4000	Y	Client SMSC GUID
SMS_CDR_ERROR_LOG	CDR_SRC_IP	deleted in 3.6.0	VARCHAR2	4000	Y	Client SMSC IP address
SMS_CDR_ERROR_LOG	CDR_SRC_IS_SUCCESSFUL	deleted in 3.6.0	VARCHAR2	4000	Y	Client success flag: 1 - successful sms, 0 - not successful
SMS_CDR_ERROR_LOG	CDR_SRC_MCC_MNC	deleted in 3.6.0	VARCHAR2	4000	Y	Destination MCCMNC from client rates
SMS_CDR_ERROR_LOG	CDR_SRC_MSG_ID	deleted in 3.6.0	VARCHAR2	4000	Y	SMS session transaction ID generated by SMS Switch for the client
SMS_CDR_ERROR_LOG	CDR_SRC_PART_AMOUNT	deleted in 3.6.0	VARCHAR2	4000	Y	Amount of billable parts (Client)
SMS_CDR_ERROR_LOG	CDR_SRC_PORT	deleted in 3.6.0	VARCHAR2	4000	Y	Client SMSC port



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_ERROR_LOG	CDR_SRC_PRODUCT_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Client product ID
SMS_CDR_ERROR_LOG	CDR_SRC_RATE	deleted in 3.6.0	VARCHAR2	4000	Y	Client rate
SMS_CDR_ERROR_LOG	CDR_SRC_SERVICE_TYPE	deleted in 3.6.0	VARCHAR2	4000	Y	Client service type
SMS_CDR_ERROR_LOG	CDR_SRC_SMSC_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Client POI ID
SMS_CDR_ERROR_LOG	CDR_START_TIME	deleted in 3.6.0	VARCHAR2	4000	Y	Route start time
SMS_CDR_ERROR_LOG	CDR_STATUS	deleted in 3.6.0	VARCHAR2	4000	Y	SMS status, i.e. SENT, DELVRD according to smpp protocol
SMS_CDR_ERROR_LOG	CDR_STATUS_CODE	deleted in 3.6.0	VARCHAR2	4000	Y	Numeric code of SMS status
SMS_CDR_ERROR_LOG	CDR_STOP_TIME	deleted in 3.6.0	VARCHAR2	4000	Y	Route stop time
SMS_CDR_ERROR_LOG	CDR_TECH_DETAILS	deleted in 3.6.0	VARCHAR2	4000	Y	SMS technical details packed in JSON



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_ERROR_LOG	CDR_TIME	deleted in 3.6.0	VARCHAR2	4000	Y	Message time
SMS_CDR_ERROR_LOG	CDR_TRANSACTION_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Transaction ID
SMS_CDR_ERROR_LOG	CDR_VENDOR_ANI	deleted in 3.6.0	VARCHAR2	4000	Y	Translated vendor ANI
SMS_CDR_ERROR_LOG	ORA_ERR_MESG\$	deleted in 3.6.0	VARCHAR2	2000	Y	Error message
SMS_CDR_ERROR_LOG	ORA_ERR_NUMBER\$	deleted in 3.6.0	NUMBER	22	Y	Error ORA number
SMS_CDR_ERROR_LOG	ORA_ERR_OPTYP\$	deleted in 3.6.0	VARCHAR2	2	Y	Error ORA type
SMS_CDR_ERROR_LOG	ORA_ERR_ROWID\$	deleted in 3.6.0	UROWID	4000	Y	Error ROWID
SMS_CDR_ERROR_LOG	ORA_ERR_TAG\$	deleted in 3.6.0	VARCHAR2	2000	Y	Error tag
SMS_CDR_RECON_OWN_TMP	-- Table --	created in 3.6.0				Temporary table for SMS CDR reconciliation
SMS_CDR_RECON_PRT_TMP	-- Table --	created in 3.6.0				Temporary table for SMS CDR reconciliation



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_RECON_RESULT	OWNER_STATUS	created in 3.6.0	VARCHAR2	128	Y	Owner status
SMS_CDR_RECON_RESULT	PARTNER_STATUS	created in 3.6.0	VARCHAR2	128	Y	Partner status
SMS_CDR_STATUS	ATTEMPT_NO	created in 3.6.0	NUMBER	22	Y	Processing attempt number
SMS_CDR_STATUS	IM_CHANNEL	created in 3.6.0	VARCHAR2	4000	Y	IM channel
SMS_CDR_STATUS	NEXT_PROCESS_DATE	created in 3.6.0	DATE	7	Y	Next processing date
SMS_CDR_STATUS	REROUTE_FLAG	created in 3.6.0	NUMBER	22	Y	need reroute
SMS_CDR_STATUS_POSTPONE	IM_CHANNEL	created in 3.6.0	VARCHAR2	4000	Y	IM channel
SMS_CDR_STATUS_TMP	-- Table --	created in 3.6.0				Temporary table for SMS delivery report processing
SMS_CDR_TEXT_ERROR_LOG	-- Table --	deleted in 3.6.0				Error log table for SMS_CDR_TEXT



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_TEXT_ERROR_LOG	CDR_DIRECTION	deleted in 3.6.0	VARCHAR2	4000	Y	Direction (0 - client, 1 - vendor)
SMS_CDR_TEXT_ERROR_LOG	CDR_DST_MSG_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Vendor message ID
SMS_CDR_TEXT_ERROR_LOG	CDR_TEXT	deleted in 3.6.0	VARCHAR2	4000	Y	Text
SMS_CDR_TEXT_ERROR_LOG	CDR_TEXT_PART_NUMBER	deleted in 3.6.0	VARCHAR2	4000	Y	Text part number
SMS_CDR_TEXT_ERROR_LOG	CDR_TIME	deleted in 3.6.0	VARCHAR2	4000	Y	EDR time
SMS_CDR_TEXT_ERROR_LOG	CDR_TRANSACTION_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Transaction ID
SMS_CDR_TEXT_ERROR_LOG	ORA_ERR_MESG\$	deleted in 3.6.0	VARCHAR2	2000	Y	ORA error message
SMS_CDR_TEXT_ERROR_LOG	ORA_ERR_NUMBER\$	deleted in 3.6.0	NUMBER	22	Y	ORA error number



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_TEXT_ERROR_LOG	ORA_ERR_OPTYP\$	deleted in 3.6.0	VARCHAR2	2	Y	ORA error type
SMS_CDR_TEXT_ERROR_LOG	ORA_ERR_ROWID\$	deleted in 3.6.0	UROWID	4000	Y	ORA error rowid
SMS_CDR_TEXT_ERROR_LOG	ORA_ERR_TAG\$	deleted in 3.6.0	VARCHAR2	2000	Y	ORA error tag
SMS_CDR_TMP	-- Table --	created in 3.6.0				Temporary table for SMS CDR processing
SMS_CDR_TMP	BILL_AMOUNT_DST	created in 3.6.0	NUMBER	22	Y	103 vendor billable amount
SMS_CDR_TMP	BILL_AMOUNT_SRC	created in 3.6.0	NUMBER	22	Y	102 client billable amount
SMS_CDR_TMP	CDR_ATTEMPT_NUM	created in 3.6.0	NUMBER	22	Y	29 attempt number
SMS_CDR_TMP	CDR_CALLED	created in 3.6.0	VARCHAR2	32	Y	6 b-number e.164
SMS_CDR_TMP	CDR_CALLING	created in 3.6.0	VARCHAR2	32	Y	5 a-number e.164



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_TMP	CDR_DELIVERY_STATU S	created in 3.6.0	NUMBER	22	Y	25 technical delivery code
SMS_CDR_TMP	CDR_DIAL_CODE	created in 3.6.0	VARCHAR2	16	Y	32 destination e.164 dial code
SMS_CDR_TMP	CDR_DLR_TECH_DETAI LS	created in 3.6.0	VARCHAR2	4000	Y	55 dlr technical details
SMS_CDR_TMP	CDR_DST_COST	created in 3.6.0	NUMBER	22	Y	75 vendor rate with tax
SMS_CDR_TMP	CDR_DST_CURRENCY_ CODE	created in 3.6.0	VARCHAR2	16	Y	24 vendor rate currency
SMS_CDR_TMP	CDR_DST_DIAL_CODE	created in 3.6.0	VARCHAR2	16	Y	47 dial code from vendor rate
SMS_CDR_TMP	CDR_DST_DID_BILL_SC HEME_ID	created in 3.6.0	NUMBER	22	Y	93 vendor billing scheme id
SMS_CDR_TMP	CDR_DST_DID_END_D ATE	created in 3.6.0	DATE	7	Y	92 vendor did end date



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_TMP	CDR_DST_DID_START_DATE	created in 3.6.0	DATE	7	Y	91 vendor did start date
SMS_CDR_TMP	CDR_DST_GUID	created in 3.6.0	VARCHAR2	36	Y	17 vendor smsc guid
SMS_CDR_TMP	CDR_DST_IP	created in 3.6.0	VARCHAR2	64	Y	18 vendor smsc ip address
SMS_CDR_TMP	CDR_DST_IS_SUCCESSFUL	created in 3.6.0	NUMBER	22	Y	43 vendor success flag: 1 - successful sms, 0 - not successful
SMS_CDR_TMP	CDR_DST_MCC_MNC	created in 3.6.0	VARCHAR2	6	Y	16 destination mccmnc from vendor rates
SMS_CDR_TMP	CDR_DST_MSG_ID	created in 3.6.0	VARCHAR2	65	Y	1 message id
SMS_CDR_TMP	CDR_DST_PART_AMOUNT	created in 3.6.0	NUMBER	22	Y	40 amount of billable parts (vendor)
SMS_CDR_TMP	CDR_DST_PORT	created in 3.6.0	NUMBER	22	Y	19 vendor smsc port
SMS_CDR_TMP	CDR_DST_PRODUCT_ID	created in 3.6.0	NUMBER	22	Y	22 vendor product id



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_TMP	CDR_DST_RATE	created in 3.6.0	NUMBER	22	Y	23 vendor rate
SMS_CDR_TMP	CDR_DST_RATE_ID	created in 3.6.0	NUMBER	22	Y	81
SMS_CDR_TMP	CDR_DST_SENDER_COUNTRY	created in 3.6.0	NUMBER	22	Y	85 vendor sender country id
SMS_CDR_TMP	CDR_DST_SENDER_ID_DATA	created in 3.6.0	VARCHAR2	16	Y	83 vendor sender mccmnc/id
SMS_CDR_TMP	CDR_DST_SENT_TIME	created in 3.6.0	DATE	7	Y	50 time when the submit has been sent to socket buffer
SMS_CDR_TMP	CDR_DST_SERVICE_TYPE	created in 3.6.0	VARCHAR2	9	Y	20 vendor service type
SMS_CDR_TMP	CDR_DST_SMSC_ID	created in 3.6.0	NUMBER	22	Y	21 vendor poi id
SMS_CDR_TMP	CDR_DST_TAX	created in 3.6.0	NUMBER	22	Y	76 vendor tax amount
SMS_CDR_TMP	CDR_DST_TAX_RATE	created in 3.6.0	NUMBER	22	Y	77 vendor tax rate



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_TMP	CDR_EDR_TYPE	created in 3.6.0	NUMBER	22	Y	44 edr type: 1 - usual, 2 - 2-way, 3 - test, 4 - buffered
SMS_CDR_TMP	CDR_EXTRA	created in 3.6.0	VARCHAR2	4000	Y	37 extra cdr field
SMS_CDR_TMP	CDR_HLR	created in 3.6.0	NUMBER	22	Y	28 flag: 1 - mccmnc from hlr, 0 - from routing/db
SMS_CDR_TMP	CDR_HLR_CURRENCY_CODE	created in 3.6.0	VARCHAR2	16	Y	54 hlr rate currency
SMS_CDR_TMP	CDR_HLR_MCC_MNC	created in 3.6.0	VARCHAR2	16	Y	33 destination mccmnc from hlr
SMS_CDR_TMP	CDR_HLR_PRODUCT_ID	created in 3.6.0	NUMBER	22	Y	53 hlr product id
SMS_CDR_TMP	CDR_HLR_RATE	created in 3.6.0	NUMBER	22	Y	48 hlr rate
SMS_CDR_TMP	CDR_HLR_RESPONSE_CODE	created in 3.6.0	VARCHAR2	4000	Y	57 hlr response code
SMS_CDR_TMP	CDR_HOST	created in 3.6.0	VARCHAR2	65	Y	45 switch ipv4 address



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_TMP	CDR_ID	created in 3.6.0	NUMBER	22	Y	0 record counter
SMS_CDR_TMP	CDR_IM_CHANNEL	created in 3.6.0	VARCHAR2	64	Y	56 im channel
SMS_CDR_TMP	CDR_IS_DST_DID	created in 3.6.0	NUMBER	22	Y	87 is sms sent to the did number currently linked to the vendor product in the dvd refbook
SMS_CDR_TMP	CDR_IS_LAST	created in 3.6.0	NUMBER	22	Y	30 flag: 1 - last attempt, 0 not last
SMS_CDR_TMP	CDR_IS_SRC_DID	created in 3.6.0	NUMBER	22	Y	86 is sms sent to the did number currently linked to the client product in the dvd refbook
SMS_CDR_TMP	CDR_IS_SUCCESSFUL	created in 3.6.0	NUMBER	22	Y	3 flag: 1 - successful sms, 0 - not successful
SMS_CDR_TMP	CDR_MCC_MNC	created in 3.6.0	VARCHAR2	6	Y	31 destination mcmnc



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_TMP	CDR_RULE_ID	created in 3.6.0	NUMBER	22	Y	49 routing rule id
SMS_CDR_TMP	CDR_SRC_COST	created in 3.6.0	NUMBER	22	Y	72 client rate with tax
SMS_CDR_TMP	CDR_SRC_CURRENCY_CODE	created in 3.6.0	VARCHAR2	16	Y	15 client rate currency
SMS_CDR_TMP	CDR_SRC_DIAL_CODE	created in 3.6.0	VARCHAR2	16	Y	46 dial code from client rate
SMS_CDR_TMP	CDR_SRC_DID_BILL_SCHEME_ID	created in 3.6.0	NUMBER	22	Y	90 client billing scheme id
SMS_CDR_TMP	CDR_SRC_DID_END_DATE	created in 3.6.0	DATE	7	Y	89 client did end date
SMS_CDR_TMP	CDR_SRC_DID_START_DATE	created in 3.6.0	DATE	7	Y	88 client did start date
SMS_CDR_TMP	CDR_SRC_GUID	created in 3.6.0	VARCHAR2	36	Y	8 client smsc guid
SMS_CDR_TMP	CDR_SRC_IP	created in 3.6.0	VARCHAR2	64	Y	9 client smsc ip address



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_TMP	CDR_SRC_IS_SUCCESSFUL	created in 3.6.0	NUMBER	22	Y	42 client success flag: 1 - successful sms, 0 - not successful
SMS_CDR_TMP	CDR_SRC_MCC_MNC	created in 3.6.0	VARCHAR2	6	Y	7 destination mccmnc from client rates
SMS_CDR_TMP	CDR_SRC_MSG_ID	created in 3.6.0	VARCHAR2	65	Y	34 sms session transaction id generated by sms switch for the client
SMS_CDR_TMP	CDR_SRC_PART_AMOUNT	created in 3.6.0	NUMBER	22	Y	39 amount of billable parts (client)
SMS_CDR_TMP	CDR_SRC_PORT	created in 3.6.0	NUMBER	22	Y	10 client smsc port
SMS_CDR_TMP	CDR_SRC_PRODUCT_ID	created in 3.6.0	NUMBER	22	Y	13 client product id
SMS_CDR_TMP	CDR_SRC_RATE	created in 3.6.0	NUMBER	22	Y	14 client rate
SMS_CDR_TMP	CDR_SRC_RATE_ID	created in 3.6.0	NUMBER	22	Y	80



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_TMP	CDR_SRC_SENDER_COUNTRY	created in 3.6.0	NUMBER	22	Y	84 client sender country id
SMS_CDR_TMP	CDR_SRC_SENDER_ID_DATA	created in 3.6.0	VARCHAR2	16	Y	82 client sender mccmnc/id
SMS_CDR_TMP	CDR_SRC_SERVICE_TYPE	created in 3.6.0	VARCHAR2	9	Y	11 client service type
SMS_CDR_TMP	CDR_SRC_SMSC_ID	created in 3.6.0	NUMBER	22	Y	12 client poi id
SMS_CDR_TMP	CDR_SRC_TAX	created in 3.6.0	NUMBER	22	Y	73 client tax amount
SMS_CDR_TMP	CDR_SRC_TAX_RATE	created in 3.6.0	NUMBER	22	Y	74 client tax rate
SMS_CDR_TMP	CDR_START_TIME	created in 3.6.0	DATE	7	Y	26 current attempt start time
SMS_CDR_TMP	CDR_STATUS	created in 3.6.0	VARCHAR2	30	Y	4 sms status, i.e. sent, delvrd according to smpp protocol



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_TMP	CDR_STATUS_CODE	created in 3.6.0	NUMBER	22	Y	35 numeric code of sms status
SMS_CDR_TMP	CDR_STOP_TIME	created in 3.6.0	DATE	7	Y	27 current attempt stop time
SMS_CDR_TMP	CDR_TECH_DETAILS	created in 3.6.0	VARCHAR2	4000	Y	38 sms technical details packed in json
SMS_CDR_TMP	CDR_TEXT	created in 3.6.0	VARCHAR2	4000	Y	41 cdr text
SMS_CDR_TMP	CDR_TIME	created in 3.6.0	DATE	7	Y	2 message time
SMS_CDR_TMP	CDR_TRANSACTION_ID	created in 3.6.0	VARCHAR2	65	Y	51 transaction id
SMS_CDR_TMP	CDR_TRANSLATED_TEXT	created in 3.6.0	VARCHAR2	4000	Y	52 Translated text
SMS_CDR_TMP	CDR_TRANSLATION_RULE_DETAILS	created in 3.6.0	VARCHAR2	4000	Y	58 translation rule details
SMS_CDR_TMP	CDR_VENDOR_ANI	created in 3.6.0	VARCHAR2	32	Y	36 translated vendor ani



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_TMP	CHANGED	created in 3.6.0	VARCHAR2	1	Y	59
SMS_CDR_TMP	DST_BILL_DELIVERED_ONLY	created in 3.6.0	NUMBER	22	Y	68
SMS_CDR_TMP	DST_MCC_MNC_FOR_RATE	created in 3.6.0	VARCHAR2	16	Y	71
SMS_CDR_TMP	DST_PARENT_PRODUCT_ID	created in 3.6.0	NUMBER	22	Y	67
SMS_CDR_TMP	DST_PRODUCT_DIRECTION	created in 3.6.0	NUMBER	22	Y	66
SMS_CDR_TMP	DST_RATE_INHERITANCE_MODE	created in 3.6.0	NUMBER	22	Y	69
SMS_CDR_TMP	DST_TAX_SCHEME_ID	created in 3.6.0	NUMBER	22	Y	79
SMS_CDR_TMP	DST_USE_SENDER_MC_CMNC_RATES	created in 3.6.0	NUMBER	22	Y	70
SMS_CDR_TMP	HLRCACHED	created in 3.6.0	NUMBER	22	Y	96 hlr cached



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_TMP	HLRPORTED	created in 3.6.0	VARCHAR2	8	Y	97 hlr ported
SMS_CDR_TMP	HLRSOURCENAME	created in 3.6.0	VARCHAR2	64	Y	98 hlr source name
SMS_CDR_TMP	HLRSOURCETYPE	created in 3.6.0	VARCHAR2	64	Y	101 hlr source type
SMS_CDR_TMP	NEED_RERATING	created in 3.6.0	NUMBER	22	Y	95
SMS_CDR_TMP	RECORD_HASH	created in 3.6.0	NUMBER	22	Y	94
SMS_CDR_TMP	REVERSE_CHARGE_DS T	created in 3.6.0	NUMBER	22	Y	Reverse charge for DST (-1,1)
SMS_CDR_TMP	REVERSE_CHARGE_SR C	created in 3.6.0	NUMBER	22	Y	Reverse charge for SRC (-1,1)
SMS_CDR_TMP	SARPARTNUMBER	created in 3.6.0	NUMBER	22	Y	100 sar part number
SMS_CDR_TMP	SRC_BILL_DELIVERED_ ONLY	created in 3.6.0	NUMBER	22	Y	62



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_TMP	SRC_MCC_MNC_FOR_RATE	created in 3.6.0	VARCHAR2	16	Y	65
SMS_CDR_TMP	SRC_PARENT_PRODUCT_ID	created in 3.6.0	NUMBER	22	Y	61
SMS_CDR_TMP	SRC_PRODUCT_DIRECTION	created in 3.6.0	NUMBER	22	Y	60
SMS_CDR_TMP	SRC_RATE_INHERITANCE_MODE	created in 3.6.0	NUMBER	22	Y	63
SMS_CDR_TMP	SRC_TAX_SCHEME_ID	created in 3.6.0	NUMBER	22	Y	78
SMS_CDR_TMP	SRC_USE_SENDER_MC_CMNC_RATES	created in 3.6.0	NUMBER	22	Y	64
SMS_CDR_TMP	STATEFULPROCESSING	created in 3.6.0	NUMBER	22	Y	99 stateful processing
SMS_CHANNEL	CALLBACK_TIMEOUT	created in 3.6.0	NUMBER	22	Y	Callback timeout, sec
SMS_CHANNEL	CREATED_BY	changed in 3.6.0	VARCHAR2	256	Y	Created by



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CHANNEL	DLR_PUSH_HTTP_HEADERS	created in 3.6.0	VARCHAR2	2000	Y	DLR push HTTP headers
SMS_CHANNEL	DLR_PUSH_POST_TEMPLATE	created in 3.6.0	VARCHAR2	2000	Y	DLR push POST template
SMS_CHANNEL	FAST_RESPONSE_SEGMENT	created in 3.6.0	NUMBER	22	Y	Fast response for segmented submits
SMS_CHANNEL	HTTP_HEADERS	created in 3.6.0	VARCHAR2	4000	Y	List of HTTP headers
SMS_CHANNEL	MO_PUSH_HTTP_HEADERS	created in 3.6.0	VARCHAR2	2000	Y	MO push HTTP headers
SMS_CHANNEL	MO_PUSH_POST_TEMPLATE	created in 3.6.0	VARCHAR2	2000	Y	MO push POST template
SMS_CHANNEL	PARTNER_DIRECTION	created in 3.6.0	NUMBER	22	Y	Partner direction
SMS_CHANNEL	REJECT_INCOMPLETED_LONG_MSG	created in 3.6.0	NUMBER	22	Y	Reject incomplete segmented messages



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CHANNEL	SEGMENT_CONCATENATION_TIMEOUT	created in 3.6.0	NUMBER	22	Y	segmented submit waiting period timeout.
SMS_CHANNEL	VALIDITY_PERIOD_VENDOR_FORMAT	changed in 3.6.0	NUMBER	22	N	Validity Period To Vendor Format (abs_0_timezone = 0 (default value), as_received = 1, relative = 2, abs_server_timezone = 3)
SMS_CHANNEL_STATUS	SWITCH_ID	created in 3.6.0	VARCHAR2	256	Y	Switch id
SMS_CHANNEL_STATUS_CHANGE	SWITCH_ID	created in 3.6.0	VARCHAR2	256	Y	Switch id
SMS_CHANNEL_STATUS_SW	-- Table --	created in 3.6.0				SMS channel and switch statuses
SMS_CHANNEL_STATUS_SW	ADDRESS	created in 3.6.0	VARCHAR2	256	Y	Carrier address
SMS_CHANNEL_STATUS_SW	BOUND_TIME	created in 3.6.0	VARCHAR2	256	Y	Bound time



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CHANNEL_STATUS_SW	CHANNEL_COUNT	created in 3.6.0	VARCHAR2	256	Y	Channel bind number
SMS_CHANNEL_STATUS_SW	CHANNEL_DIRECTION	created in 3.6.0	VARCHAR2	256	Y	Channel direction CLI/VND/CLIR/CLIB/CLIRB
SMS_CHANNEL_STATUS_SW	CHANNEL_ID	created in 3.6.0	VARCHAR2	256	Y	Channel ID (primary key)
SMS_CHANNEL_STATUS_SW	CHANNEL_LOCAL_ADDRESS	created in 3.6.0	VARCHAR2	256	Y	Channel bind address
SMS_CHANNEL_STATUS_SW	CHANNEL_TYPE	created in 3.6.0	VARCHAR2	256	Y	Channel type
SMS_CHANNEL_STATUS_SW	DLR_COUNT	created in 3.6.0	VARCHAR2	256	Y	Number of new DLRs DLR records
SMS_CHANNEL_STATUS_SW	MPS_BUFFER	created in 3.6.0	VARCHAR2	256	Y	Mps buffer
SMS_CHANNEL_STATUS_SW	SMS_COUNT	created in 3.6.0	VARCHAR2	256	Y	Sms count



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CHANNEL_STATUS_SW	STATUS	created in 3.6.0	VARCHAR2	256	Y	Status
SMS_CHANNEL_STATUS_SW	STATUS_CODE	created in 3.6.0	VARCHAR2	256	Y	Status code
SMS_CHANNEL_STATUS_SW	SUBMIT_BUFFER	created in 3.6.0	VARCHAR2	256	Y	Submit buffer
SMS_CHANNEL_STATUS_SW	SWITCH_ID	created in 3.6.0	VARCHAR2	256	Y	Switch id
SMS_CHANNEL_STATUS_SW	UPDATE_TIME	created in 3.6.0	VARCHAR2	256	Y	Update time
SMS_CHANNEL_TLV_FIELDS	-- Table --	created in 3.6.0				SMS channel TLV codes
SMS_CHANNEL_TLV_FIELDS	TLV_CODE	created in 3.6.0	VARCHAR2	16	Y	TLV code
SMS_CHANNEL_TLV_FIELDS	TLV_DESCR	created in 3.6.0	VARCHAR2	4000	Y	TLV code description



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CUBE_DAY	CDR_STATUS	created in 3.6.0	VARCHAR2	30	Y	CDR status
SMS_CUBE_DAY	CLIENT_SENDER_ID	created in 3.6.0	VARCHAR2	32	Y	Client sender ID
SMS_CUBE_DAY	COUNT_TOTAL_SRC	created in 3.6.0	NUMBER	22	Y	Count total for client
SMS_CUBE_DAY	DST_TAX_LIST	created in 3.6.0	VARCHAR2	64	Y	Vendor tax list
SMS_CUBE_DAY	HLR_RESPONSE_CODE	created in 3.6.0	VARCHAR2	4000	Y	HLR response code
SMS_CUBE_DAY	MSG_TYPE	created in 3.6.0	VARCHAR2	32	Y	Method full name Message type, i.e. bas_utils.get_carrier_list
SMS_CUBE_DAY	SRC_TAX_LIST	created in 3.6.0	VARCHAR2	64	Y	Client tax list
SMS_CUBE_DAY	SUCCESSFUL_HLR_COUNT	created in 3.6.0	NUMBER	22	Y	Successful hlr attempts count
SMS_CUBE_DAY	SUM_DST_CHARGE_WITH_TAX	created in 3.6.0	NUMBER	22	Y	Sum of vendor charges with taxes



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CUBE_DAY	SUM_DST_CHARGE_W ITH_TAX2	created in 3.6.0	NUMBER	22	Y	Sum of vendor charges with taxes
SMS_CUBE_DAY	SUM_DST_CHARGE_W ITH_TAX3	created in 3.6.0	NUMBER	22	Y	Sum of vendor charges with taxes
SMS_CUBE_DAY	SUM_DST_TAX	created in 3.6.0	NUMBER	22	Y	Sum of vendor taxes
SMS_CUBE_DAY	SUM_DST_TAX2	created in 3.6.0	NUMBER	22	Y	Sum of vendor taxes
SMS_CUBE_DAY	SUM_DST_TAX3	created in 3.6.0	NUMBER	22	Y	Sum of vendor taxes
SMS_CUBE_DAY	SUM_MARGIN_FULL	created in 3.6.0	NUMBER	22	Y	Sum of margin
SMS_CUBE_DAY	SUM_MARGIN_FULL2	created in 3.6.0	NUMBER	22	Y	Sum of margin
SMS_CUBE_DAY	SUM_MARGIN_FULL3	created in 3.6.0	NUMBER	22	Y	Sum of margin
SMS_CUBE_DAY	SUM_SRC_CHARGE_W ITH_TAX	created in 3.6.0	NUMBER	22	Y	Sum of client charges with taxes



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CUBE_DAY	SUM_SRC_CHARGE_W ITH_TAX2	created in 3.6.0	NUMBER	22	Y	Sum of client charges with taxes
SMS_CUBE_DAY	SUM_SRC_CHARGE_W ITH_TAX3	created in 3.6.0	NUMBER	22	Y	Sum of client charges with taxes
SMS_CUBE_DAY	SUM_SRC_TAX	created in 3.6.0	NUMBER	22	Y	Sum of client taxes
SMS_CUBE_DAY	SUM_SRC_TAX2	created in 3.6.0	NUMBER	22	Y	Sum of client taxes
SMS_CUBE_DAY	SUM_SRC_TAX3	created in 3.6.0	NUMBER	22	Y	Sum of client taxes
SMS_CUBE_DAY	TRAFFIC_SUBTYPE	created in 3.6.0	NUMBER	22	Y	Traffic subtype
SMS_CUBE_DAY	VENDOR_SENDER_ID	created in 3.6.0	VARCHAR2	32	Y	Vendor sender id
SMS_CUBE_EXCHANGE	COUNT_TOTAL_SRC	created in 3.6.0	NUMBER	22	Y	Count total for client
SMS_CUBE_EXCHANGE	DST_TAX_LIST	created in 3.6.0	VARCHAR2	64	Y	Vendor tax list
SMS_CUBE_EXCHANGE	SRC_TAX_LIST	created in 3.6.0	VARCHAR2	64	Y	Client tax list



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CUBE_EXCHANGE	SUM_DST_COST	created in 3.6.0	NUMBER	22	Y	Sum of vendor costs
SMS_CUBE_EXCHANGE	SUM_DST_COST2	created in 3.6.0	NUMBER	22	Y	Sum of vendor costs
SMS_CUBE_EXCHANGE	SUM_DST_COST3	created in 3.6.0	NUMBER	22	Y	Sum of vendor costs
SMS_CUBE_EXCHANGE	SUM_DST_TAX	created in 3.6.0	NUMBER	22	Y	Sum of vendor taxes
SMS_CUBE_EXCHANGE	SUM_DST_TAX2	created in 3.6.0	NUMBER	22	Y	Sum of vendor taxes
SMS_CUBE_EXCHANGE	SUM_DST_TAX3	created in 3.6.0	NUMBER	22	Y	Sum of vendor taxes
SMS_CUBE_EXCHANGE	SUM_MARGIN_FULL	created in 3.6.0	NUMBER	22	Y	Sum of margin
SMS_CUBE_EXCHANGE	SUM_MARGIN_FULL2	created in 3.6.0	NUMBER	22	Y	Sum of margin
SMS_CUBE_EXCHANGE	SUM_MARGIN_FULL3	created in 3.6.0	NUMBER	22	Y	Sum of margin
SMS_CUBE_EXCHANGE	SUM_SRC_COST	created in 3.6.0	NUMBER	22	Y	Sum of src cost
SMS_CUBE_EXCHANGE	SUM_SRC_COST2	created in 3.6.0	NUMBER	22	Y	Sum of client costs



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CUBE_EXCHANGE	SUM_SRC_COST3	created in 3.6.0	NUMBER	22	Y	Sum of client costs
SMS_CUBE_EXCHANGE	SUM_SRC_TAX	created in 3.6.0	NUMBER	22	Y	Sum of client taxes
SMS_CUBE_EXCHANGE	SUM_SRC_TAX2	created in 3.6.0	NUMBER	22	Y	Sum of client taxes
SMS_CUBE_EXCHANGE	SUM_SRC_TAX3	created in 3.6.0	NUMBER	22	Y	Sum of client taxes
SMS_CUBE_GROUP	CDR_STATUS	created in 3.6.0	NUMBER	22	N	cdr status
SMS_CUBE_GROUP	CLIENT_SENDER_ID	created in 3.6.0	NUMBER	22	N	Client sender ID
SMS_CUBE_GROUP	HLR_RESPONSE_CODE	created in 3.6.0	NUMBER	22	N	HLR response code
SMS_CUBE_GROUP	MSG_TYPE	created in 3.6.0	NUMBER	22	N	Method full name Message type, i.e. bas_utils.get_carrier_list
SMS_CUBE_GROUP	TRAFFIC_SUBTYPE	created in 3.6.0	NUMBER	22	N	Traffic subtype
SMS_CUBE_GROUP	VENDOR_SENDER_ID	created in 3.6.0	NUMBER	22	N	Vendor sender id



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CUBE_HOUR	CDR_STATUS	created in 3.6.0	VARCHAR2	30	Y	CDR status
SMS_CUBE_HOUR	CLIENT_SENDER_ID	created in 3.6.0	VARCHAR2	32	Y	Client sender ID
SMS_CUBE_HOUR	COUNT_TOTAL_SRC	created in 3.6.0	NUMBER	22	Y	Count total for client
SMS_CUBE_HOUR	DST_TAX_LIST	created in 3.6.0	VARCHAR2	64	Y	Vendor tax list
SMS_CUBE_HOUR	HLR_RESPONSE_CODE	created in 3.6.0	VARCHAR2	4000	Y	HLR response code
SMS_CUBE_HOUR	MSG_TYPE	created in 3.6.0	VARCHAR2	32	Y	Method full name Message type, i.e. bas_utils.get_carrier_list
SMS_CUBE_HOUR	SRC_TAX_LIST	created in 3.6.0	VARCHAR2	64	Y	Client tax list
SMS_CUBE_HOUR	SUCCESSFUL_HLR_COUNT	created in 3.6.0	NUMBER	22	Y	Successful hlr attempts count
SMS_CUBE_HOUR	SUM_DST_CHARGE_WITH_TAX	created in 3.6.0	NUMBER	22	Y	Sum of vendor charges with taxes



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CUBE_HOUR	SUM_DST_CHARGE_W ITH_TAX2	created in 3.6.0	NUMBER	22	Y	Sum of vendor charges with taxes
SMS_CUBE_HOUR	SUM_DST_CHARGE_W ITH_TAX3	created in 3.6.0	NUMBER	22	Y	Sum of vendor charges with taxes
SMS_CUBE_HOUR	SUM_DST_TAX	created in 3.6.0	NUMBER	22	Y	Sum of vendor taxes
SMS_CUBE_HOUR	SUM_DST_TAX2	created in 3.6.0	NUMBER	22	Y	Sum of vendor taxes
SMS_CUBE_HOUR	SUM_DST_TAX3	created in 3.6.0	NUMBER	22	Y	Sum of vendor taxes
SMS_CUBE_HOUR	SUM_MARGIN_FULL	created in 3.6.0	NUMBER	22	Y	Sum of margin
SMS_CUBE_HOUR	SUM_MARGIN_FULL2	created in 3.6.0	NUMBER	22	Y	Sum of margin
SMS_CUBE_HOUR	SUM_MARGIN_FULL3	created in 3.6.0	NUMBER	22	Y	Sum of margin
SMS_CUBE_HOUR	SUM_SRC_CHARGE_W ITH_TAX	created in 3.6.0	NUMBER	22	Y	Sum of client charges with taxes



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CUBE_HOUR	SUM_SRC_CHARGE_WITH_TAX2	created in 3.6.0	NUMBER	22	Y	Sum of client charges with taxes
SMS_CUBE_HOUR	SUM_SRC_CHARGE_WITH_TAX3	created in 3.6.0	NUMBER	22	Y	Sum of client charges with taxes
SMS_CUBE_HOUR	SUM_SRC_TAX	created in 3.6.0	NUMBER	22	Y	Sum of client taxes
SMS_CUBE_HOUR	SUM_SRC_TAX2	created in 3.6.0	NUMBER	22	Y	Sum of client taxes
SMS_CUBE_HOUR	SUM_SRC_TAX3	created in 3.6.0	NUMBER	22	Y	Sum of client taxes
SMS_CUBE_HOUR	TRAFFIC_SUBTYPE	created in 3.6.0	NUMBER	22	Y	Traffic subtype
SMS_CUBE_HOUR	VENDOR_SENDER_ID	created in 3.6.0	VARCHAR2	32	Y	Vendor sender id
SMS_CUBE_MIN	CDR_STATUS	created in 3.6.0	VARCHAR2	30	Y	CDR status
SMS_CUBE_MIN	CLIENT_SENDER_ID	created in 3.6.0	VARCHAR2	32	Y	Client sender ID
SMS_CUBE_MIN	COUNT_TOTAL_SRC	created in 3.6.0	NUMBER	22	Y	Count total for client



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CUBE_MIN	DST_TAX_LIST	created in 3.6.0	VARCHAR2	64	Y	Vendor tax list
SMS_CUBE_MIN	HLR_RESPONSE_CODE	created in 3.6.0	VARCHAR2	4000	Y	HLR response code
SMS_CUBE_MIN	MSG_TYPE	created in 3.6.0	VARCHAR2	32	Y	Method full name Message type, i.e. bas_utils.get_carrier_list
SMS_CUBE_MIN	SRC_TAX_LIST	created in 3.6.0	VARCHAR2	64	Y	Client tax list
SMS_CUBE_MIN	SUCCESSFUL_HLR_COUNT	created in 3.6.0	NUMBER	22	Y	Successful hlr attempts count
SMS_CUBE_MIN	SUM_DST_CHARGE_WITH_TAX	created in 3.6.0	NUMBER	22	Y	Sum of vendor charges with taxes
SMS_CUBE_MIN	SUM_DST_CHARGE_WITH_TAX2	created in 3.6.0	NUMBER	22	Y	Sum of vendor charges with taxes
SMS_CUBE_MIN	SUM_DST_CHARGE_WITH_TAX3	created in 3.6.0	NUMBER	22	Y	Sum of vendor charges with taxes
SMS_CUBE_MIN	SUM_DST_TAX	created in 3.6.0	NUMBER	22	Y	Sum of vendor taxes



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CUBE_MIN	SUM_DST_TAX2	created in 3.6.0	NUMBER	22	Y	Sum of vendor taxes
SMS_CUBE_MIN	SUM_DST_TAX3	created in 3.6.0	NUMBER	22	Y	Sum of vendor taxes
SMS_CUBE_MIN	SUM_MARGIN_FULL	created in 3.6.0	NUMBER	22	Y	Sum of margin
SMS_CUBE_MIN	SUM_MARGIN_FULL2	created in 3.6.0	NUMBER	22	Y	Sum of margin
SMS_CUBE_MIN	SUM_MARGIN_FULL3	created in 3.6.0	NUMBER	22	Y	Sum of margin
SMS_CUBE_MIN	SUM_SRC_CHARGE_W ITH_TAX	created in 3.6.0	NUMBER	22	Y	Sum of client charges with taxes
SMS_CUBE_MIN	SUM_SRC_CHARGE_W ITH_TAX2	created in 3.6.0	NUMBER	22	Y	Sum of client charges with taxes
SMS_CUBE_MIN	SUM_SRC_CHARGE_W ITH_TAX3	created in 3.6.0	NUMBER	22	Y	Sum of client charges with taxes
SMS_CUBE_MIN	SUM_SRC_TAX	created in 3.6.0	NUMBER	22	Y	Sum of client taxes
SMS_CUBE_MIN	SUM_SRC_TAX2	created in 3.6.0	NUMBER	22	Y	Sum of client taxes



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CUBE_MIN	SUM_SRC_TAX3	created in 3.6.0	NUMBER	22	Y	Sum of client taxes
SMS_CUBE_MIN	TRAFFIC_SUBTYPE	created in 3.6.0	NUMBER	22	Y	Traffic subtype
SMS_CUBE_MIN	VENDOR_SENDER_ID	created in 3.6.0	VARCHAR2	32	Y	Vendor sender id
SMS_CUBE_MONTH	CDR_STATUS	created in 3.6.0	VARCHAR2	30	Y	CDR status
SMS_CUBE_MONTH	CLIENT_SENDER_ID	created in 3.6.0	VARCHAR2	32	Y	Client sender ID
SMS_CUBE_MONTH	COUNT_TOTAL_SRC	created in 3.6.0	NUMBER	22	Y	Count total for client
SMS_CUBE_MONTH	DST_TAX_LIST	created in 3.6.0	VARCHAR2	64	Y	Vendor tax list
SMS_CUBE_MONTH	HLR_RESPONSE_CODE	created in 3.6.0	VARCHAR2	4000	Y	HLR response code
SMS_CUBE_MONTH	MSG_TYPE	created in 3.6.0	VARCHAR2	32	Y	Method full name Message type, i.e. bas_utils.get_carrier_list
SMS_CUBE_MONTH	SRC_TAX_LIST	created in 3.6.0	VARCHAR2	64	Y	Client tax list



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CUBE_MONTH	SUCCESSFUL_HLR_COUNT	created in 3.6.0	NUMBER	22	Y	Successful hlr attempts count
SMS_CUBE_MONTH	SUM_DST_CHARGE_WITH_TAX	created in 3.6.0	NUMBER	22	Y	Sum of vendor charges with taxes
SMS_CUBE_MONTH	SUM_DST_CHARGE_WITH_TAX2	created in 3.6.0	NUMBER	22	Y	Sum of vendor charges with taxes
SMS_CUBE_MONTH	SUM_DST_CHARGE_WITH_TAX3	created in 3.6.0	NUMBER	22	Y	Sum of vendor charges with taxes
SMS_CUBE_MONTH	SUM_DST_TAX	created in 3.6.0	NUMBER	22	Y	Sum of vendor taxes
SMS_CUBE_MONTH	SUM_DST_TAX2	created in 3.6.0	NUMBER	22	Y	Sum of vendor taxes
SMS_CUBE_MONTH	SUM_DST_TAX3	created in 3.6.0	NUMBER	22	Y	Sum of vendor taxes
SMS_CUBE_MONTH	SUM_MARGIN_FULL	created in 3.6.0	NUMBER	22	Y	Sum of margin
SMS_CUBE_MONTH	SUM_MARGIN_FULL2	created in 3.6.0	NUMBER	22	Y	Sum of margin



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CUBE_MONTH	SUM_MARGIN_FULL3	created in 3.6.0	NUMBER	22	Y	Sum of margin
SMS_CUBE_MONTH	SUM_SRC_CHARGE_W ITH_TAX	created in 3.6.0	NUMBER	22	Y	Sum of client charges with taxes
SMS_CUBE_MONTH	SUM_SRC_CHARGE_W ITH_TAX2	created in 3.6.0	NUMBER	22	Y	Sum of client charges with taxes
SMS_CUBE_MONTH	SUM_SRC_CHARGE_W ITH_TAX3	created in 3.6.0	NUMBER	22	Y	Sum of client charges with taxes
SMS_CUBE_MONTH	SUM_SRC_TAX	created in 3.6.0	NUMBER	22	Y	Sum of client taxes
SMS_CUBE_MONTH	SUM_SRC_TAX2	created in 3.6.0	NUMBER	22	Y	Sum of client taxes
SMS_CUBE_MONTH	SUM_SRC_TAX3	created in 3.6.0	NUMBER	22	Y	Sum of client taxes
SMS_CUBE_MONTH	TRAFFIC_SUBTYPE	created in 3.6.0	NUMBER	22	Y	Traffic subtype
SMS_CUBE_MONTH	VENDOR_SENDER_ID	created in 3.6.0	VARCHAR2	32	Y	Vendor sender id



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CUBE_TMP	-- Table --	created in 3.6.0				Temporary table for SMS stats
SMS_CUBE_WEEK	CDR_STATUS	created in 3.6.0	VARCHAR2	30	Y	CDR status
SMS_CUBE_WEEK	CLIENT_SENDER_ID	created in 3.6.0	VARCHAR2	32	Y	Client sender ID
SMS_CUBE_WEEK	COUNT_TOTAL_SRC	created in 3.6.0	NUMBER	22	Y	Count total for client
SMS_CUBE_WEEK	DST_TAX_LIST	created in 3.6.0	VARCHAR2	64	Y	Vendor tax list
SMS_CUBE_WEEK	HLR_RESPONSE_CODE	created in 3.6.0	VARCHAR2	4000	Y	HLR response code
SMS_CUBE_WEEK	MSG_TYPE	created in 3.6.0	VARCHAR2	32	Y	Method full name Message type, i.e. bas_utils.get_carrier_list
SMS_CUBE_WEEK	SRC_TAX_LIST	created in 3.6.0	VARCHAR2	64	Y	Client tax list
SMS_CUBE_WEEK	SUCCESSFUL_HLR_COUNT	created in 3.6.0	NUMBER	22	Y	Successful hlr attempts count



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CUBE_WEEK	SUM_DST_CHARGE_W ITH_TAX	created in 3.6.0	NUMBER	22	Y	Sum of vendor charges with taxes
SMS_CUBE_WEEK	SUM_DST_CHARGE_W ITH_TAX2	created in 3.6.0	NUMBER	22	Y	Sum of vendor charges with taxes
SMS_CUBE_WEEK	SUM_DST_CHARGE_W ITH_TAX3	created in 3.6.0	NUMBER	22	Y	Sum of vendor charges with taxes
SMS_CUBE_WEEK	SUM_DST_TAX	created in 3.6.0	NUMBER	22	Y	Sum of vendor taxes
SMS_CUBE_WEEK	SUM_DST_TAX2	created in 3.6.0	NUMBER	22	Y	Sum of vendor taxes
SMS_CUBE_WEEK	SUM_DST_TAX3	created in 3.6.0	NUMBER	22	Y	Sum of vendor taxes
SMS_CUBE_WEEK	SUM_MARGIN_FULL	created in 3.6.0	NUMBER	22	Y	Sum of margin
SMS_CUBE_WEEK	SUM_MARGIN_FULL2	created in 3.6.0	NUMBER	22	Y	Sum of margin
SMS_CUBE_WEEK	SUM_MARGIN_FULL3	created in 3.6.0	NUMBER	22	Y	Sum of margin



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CUBE_WEEK	SUM_SRC_CHARGE_W ITH_TAX	created in 3.6.0	NUMBER	22	Y	Sum of client charges with taxes
SMS_CUBE_WEEK	SUM_SRC_CHARGE_W ITH_TAX2	created in 3.6.0	NUMBER	22	Y	Sum of client charges with taxes
SMS_CUBE_WEEK	SUM_SRC_CHARGE_W ITH_TAX3	created in 3.6.0	NUMBER	22	Y	Sum of client charges with taxes
SMS_CUBE_WEEK	SUM_SRC_TAX	created in 3.6.0	NUMBER	22	Y	Sum of client taxes
SMS_CUBE_WEEK	SUM_SRC_TAX2	created in 3.6.0	NUMBER	22	Y	Sum of client taxes
SMS_CUBE_WEEK	SUM_SRC_TAX3	created in 3.6.0	NUMBER	22	Y	Sum of client taxes
SMS_CUBE_WEEK	TRAFFIC_SUBTYPE	created in 3.6.0	NUMBER	22	Y	Traffic subtype
SMS_CUBE_WEEK	VENDOR_SENDER_ID	created in 3.6.0	VARCHAR2	32	Y	Vendor sender id
SMS_DIAL_CODE_REF	CREATED	created in 3.6.0	DATE	7	Y	Create date
SMS_DIAL_CODE_REF	CREATED_BY	created in 3.6.0	VARCHAR2	256	Y	Created by



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_DIAL_CODE_REF	LAST_UPDATE	created in 3.6.0	DATE	7	Y	last update date
SMS_DIAL_CODE_REF	LAST_UPDATED	created in 3.6.0	DATE	7	Y	last update date
SMS_DIAL_CODE_REF	LAST_UPDATED_BY	created in 3.6.0	VARCHAR2	256	Y	Last updated by
SMS_DIAL_CODE_REF_IMP_TMP	-- Table --	created in 3.6.0				Temporary table for SMS reference book
SMS_DID_FIN_DETAIL	-- Table --	created in 3.6.0				DID-number financial aggregation
SMS_DID_FIN_DETAIL	ASSIGN_DATE	created in 3.6.0	DATE	7	Y	Assign date
SMS_DID_FIN_DETAIL	DCHECK	created in 3.6.0	DATE	7	Y	Date
SMS_DID_FIN_DETAIL	DID_NUMBER	created in 3.6.0	VARCHAR2	32	Y	DID number
SMS_DID_FIN_DETAIL	END_DATE	created in 3.6.0	DATE	7	Y	Date till
SMS_DID_FIN_DETAIL	MRC	created in 3.6.0	NUMBER	22	Y	MRC



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_DID_FIN_DETAIL	NRC	created in 3.6.0	NUMBER	22	Y	NRC
SMS_DID_FIN_DETAIL	PRODUCT_ID	created in 3.6.0	NUMBER	22	Y	Product ID
SMS_DID_FIN_DETAIL	SMS_COST	created in 3.6.0	NUMBER	22	Y	Cost
SMS_DID_FIN_DETAIL	SMS_COUNT	created in 3.6.0	NUMBER	22	Y	Count
SMS_DID_FIN_DETAIL	SMS_RATE	created in 3.6.0	NUMBER	22	Y	Rate
SMS_DID_FIN_DETAIL	TRAFFIC_TYPE	created in 3.6.0	NUMBER	22	Y	Traffic type
SMS_EMA_V	-- Table --	deleted in 3.6.0				SMS EMA statistics
SMS_EMA_V	EMA_ASR_ATTEMPTS	deleted in 3.6.0	NUMBER	22	Y	ASR pack count (bounded)
SMS_EMA_V	EMA_ASR_RATE	deleted in 3.6.0	NUMBER	22	Y	EMA ASR rate
SMS_EMA_V	EMA_DELIVERY_DELAY	deleted in 3.6.0	NUMBER	22	Y	EMA delivery delay
SMS_EMA_V	EMA_DELIVERY_RATE	deleted in 3.6.0	NUMBER	22	Y	EMA Delivery rate



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_EMA_V	EMA_DLR_ATTEMPTS	deleted in 3.6.0	NUMBER	22	Y	DLS pack count (bounded)
SMS_EMA_V	EMA_LAST_UPDATED	deleted in 3.6.0	DATE	7	Y	Last updated
SMS_EMA_V	EMA_MCC_MNC	deleted in 3.6.0	VARCHAR2	6	Y	MCCMNC
SMS_EMA_V	EMA_SMSC_ID	deleted in 3.6.0	NUMBER	22	Y	SMS POI ID (link to SMS_POI table)
SMS_EXP	AFTER_RATE	deleted in 3.6.0	NUMBER	22	Y	rate after date to
SMS_EXP	BEFORE_RATE	deleted in 3.6.0	NUMBER	22	Y	rate before date from
SMS_EXP	FROM_RATE	deleted in 3.6.0	NUMBER	22	Y	rate between date from and to
SMS_EXP	FROM_RD	deleted in 3.6.0	DATE	7	Y	effective date from
SMS_EXP	NOTE_TEXT	deleted in 3.6.0	VARCHAR2	1024	Y	note text
SMS_EXP	RATE_COUNTRY_NAME	deleted in 3.6.0	VARCHAR2	256	Y	country name



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_EXP	RATE_DIAL_CODE	deleted in 3.6.0	VARCHAR2	16	Y	dial code
SMS_EXP	RATE_END_DATE	deleted in 3.6.0	DATE	7	Y	rate record end date
SMS_EXP	RATE_MCC_MNC	deleted in 3.6.0	VARCHAR2	6	Y	mcc mnc
SMS_EXP	RATE_NET_NAME	deleted in 3.6.0	VARCHAR2	256	Y	network name
SMS_EXP	RATE_PARENT_PRODUCT_ID	deleted in 3.6.0	NUMBER	22	Y	rate parent product id
SMS_EXP	RATE_PRODUCT_ID	deleted in 3.6.0	NUMBER	22	Y	rate product id
SMS_EXP	RATE_SENDER_MCC_MNC	deleted in 3.6.0	VARCHAR2	6	Y	rate sender mcc mnc
SMS_EXP	RATE_START_DATE	deleted in 3.6.0	DATE	7	Y	rate record start date
SMS_EXP	TO_RD	deleted in 3.6.0	DATE	7	Y	effective date to
SMS_EXP_DATA	CDR_ACTIVATION_TIME	created in 3.6.0	DATE	7	Y	Activation time



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_EXP_DATA	CDR_CLIENT_CALLING	created in 3.6.0	VARCHAR2	32	Y	Client Sender ID
SMS_EXP_DATA	CDR_COUNTRY	changed in 3.6.0	VARCHAR2	4000	Y	Country
SMS_EXP_DATA	CDR_DLR_TECH_DETAILS	created in 3.6.0	VARCHAR2	4000	Y	DLR technical details Delivery
SMS_EXP_DATA	CLIENT_SENDER_COUNTRY	changed in 3.6.0	VARCHAR2	4000	Y	Client sender country
SMS_EXP_DATA	DELIVERY_DELAY_CLIENT	created in 3.6.0	NUMBER	22	Y	Client delivery delay
SMS_EXP_DATA	DELIVERY_DELAY_SECONDS	created in 3.6.0	NUMBER	22	Y	Delivery delay seconds
SMS_EXP_DATA	DELIVERY_DELAY_VENDOR	created in 3.6.0	NUMBER	22	Y	Vendor delivery delay
SMS_EXP_DATA	IMSI	created in 3.6.0	VARCHAR2	64	Y	IMSI
SMS_EXP_DATA	NET_REFBOOK	changed in 3.6.0	VARCHAR2	256	Y	Network for reference MCCMNC



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_EXP_DATA	PRE_ACTIVE_STATUS	created in 3.6.0	VARCHAR2	30	Y	Status before activation
SMS_EXP_DATA	RULE_ID	created in 3.6.0	NUMBER	22	Y	Routing rule ID Rule (primary key) rule_id id
SMS_EXP_DATA	VENDOR_STATUS_CODE	created in 3.6.0	NUMBER	22	Y	Vendor status code
SMS_FIN_DETAIL	CHARGE_WITH_TAX1	created in 3.6.0	NUMBER	22	Y	Charge with tax1
SMS_FIN_DETAIL	CHARGE_WITH_TAX2	created in 3.6.0	NUMBER	22	Y	Charge with tax2
SMS_FIN_DETAIL	CHARGE_WITH_TAX3	created in 3.6.0	NUMBER	22	Y	Charge with tax
SMS_FIN_DETAIL	SMS_COST	created in 3.6.0	NUMBER	22	Y	Sms cost
SMS_FIN_DETAIL	SMS_TAX_RATE	created in 3.6.0	NUMBER	22	Y	Sms tax rate
SMS_GEN_COMPILATION_DETAIL	ASR	changed in 3.6.0	NUMBER	22	Y	ASr
SMS_HLR_CUBE_STG01	SUM_CLI_CHARGE	changed in 3.6.0	NUMBER	22	Y	Client charge



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_HLR_CUBE_STG01	SUM_VND_CHARGE	changed in 3.6.0	NUMBER	22	Y	Vendor charge
SMS_HLR_CUBE_STG02	SUM_CLI_CHARGE	created in 3.6.0	NUMBER	22	Y	revenue
SMS_HLR_CUBE_STG02	SUM_VND_CHARGE	created in 3.6.0	NUMBER	22	Y	cost
SMS_HLR_CUBE_STG03	SUM_CLI_CHARGE	created in 3.6.0	NUMBER	22	Y	revenue
SMS_HLR_CUBE_STG03	SUM_VND_CHARGE	created in 3.6.0	NUMBER	22	Y	cost
SMS_HLR_CUBE_STG04	SUM_CLI_CHARGE	created in 3.6.0	NUMBER	22	Y	revenue
SMS_HLR_CUBE_STG04	SUM_VND_CHARGE	created in 3.6.0	NUMBER	22	Y	cost
SMS_HLR_CUBE_STG05	SUM_CLI_CHARGE	created in 3.6.0	NUMBER	22	Y	revenue
SMS_HLR_CUBE_STG05	SUM_VND_CHARGE	created in 3.6.0	NUMBER	22	Y	cost
SMS_HLR_CUBE_TMP	-- Table --	created in 3.6.0				Temporary table for SMS HLR stats
SMS_HLR_EDR	-- Table --	changed in 3.6.0				HLR EDR's



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_HLR_EDR_ERROR_LOG	-- Table --	deleted in 3.6.0				DML Error Logging table for "SMS_HLR_EDR"
SMS_HLR_EDR_EXP_TMP	-- Table --	created in 3.6.0				Temporary table for SMS HLR EDR processing
SMS_IGNORABLE_RATES	-- Table --	created in 3.6.0				Additional SMS rates
SMS_IGNORABLE_RATES	END_DATE	created in 3.6.0	DATE	7	N	Effective till
SMS_IGNORABLE_RATES	MCC_MNC	created in 3.6.0	VARCHAR2	6	N	MCCMNC
SMS_IGNORABLE_RATES	PRODUCT_ID	created in 3.6.0	NUMBER	22	N	Product ID
SMS_IGNORABLE_RATES	START_DATE	created in 3.6.0	DATE	7	N	Effective from
SMS_IGNORABLE_RATES	TASK_JOB_NAME	created in 3.6.0	VARCHAR2	100	Y	Task job name (prv_task)
SMS_IMP	-- Table --	created in 3.6.0				Temporary table for SMS rate import
SMS_IMP	CHANGE_TYPE	created in 3.6.0	VARCHAR2	100	Y	Change type



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_IMP	COUNTRY_DIAL_CODE	created in 3.6.0	VARCHAR2	16	Y	Country prefix dial code
SMS_IMP	COUNTRY_NAME	created in 3.6.0	VARCHAR2	256	Y	Country name
SMS_IMP	E212	created in 3.6.0	VARCHAR2	6	N	MCCMNC
SMS_IMP	END_DATE	created in 3.6.0	DATE	7	Y	Effective till
SMS_IMP	LINE	created in 3.6.0	VARCHAR2	2000	N	Import line
SMS_IMP	NET_NAME	created in 3.6.0	VARCHAR2	256	Y	Network name
SMS_IMP	ORIGINAL_START_DATE	created in 3.6.0	DATE	7	Y	Original start date
SMS_IMP	PRODUCT_ID	created in 3.6.0	NUMBER	22	Y	Product IDs
SMS_IMP	RATE	created in 3.6.0	NUMBER	22	Y	Rate
SMS_IMP	RATE_NOTE	created in 3.6.0	VARCHAR2	2000	Y	Note
SMS_IMP	SENDER_E212	created in 3.6.0	VARCHAR2	6	Y	Sender e212



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_IMP	START_DATE	created in 3.6.0	DATE	7	Y	Effective from
SMS_IMP_CHECK	-- Table --	created in 3.6.0				Temporary table for SMS rate import
SMS_IMP_CHECK	ERROR_CODE	created in 3.6.0	VARCHAR2	4000	Y	Error code
SMS_IMP_CHECK	ERROR_ID	created in 3.6.0	NUMBER	22	N	Error ID code
SMS_IMP_CHECK	ERROR_INFO	created in 3.6.0	VARCHAR2	4000	Y	Error text
SMS_IMP_CHECK	LINE	created in 3.6.0	NUMBER	22	N	Import line
SMS_IMP_CHECK	PAYLOAD	created in 3.6.0	VARCHAR2	4000	Y	Payload - set of values which substitute the relevant placeholders in the error messages appearing during rate-import process.
SMS_IMP_ERROR	ERROR_CODE	created in 3.6.0	VARCHAR2	256	Y	Error code



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_IMP_SRC	-- Table --	created in 3.6.0				Temporary table for SMS rate import
SMS_IMP_SRC	COUNTRY_DIAL_CODE	created in 3.6.0	VARCHAR2	4000	Y	Country prefix dial code
SMS_IMP_SRC	COUNTRY_NAME	created in 3.6.0	VARCHAR2	4000	Y	Country name
SMS_IMP_SRC	E212	created in 3.6.0	VARCHAR2	4000	Y	MCCMNC
SMS_IMP_SRC	END_DATE	created in 3.6.0	VARCHAR2	4000	Y	Effective till
SMS_IMP_SRC	LINE	created in 3.6.0	NUMBER	22	N	Import line
SMS_IMP_SRC	MCC	created in 3.6.0	VARCHAR2	4000	Y	Mcc
SMS_IMP_SRC	MNC	created in 3.6.0	VARCHAR2	4000	Y	Mnc
SMS_IMP_SRC	NET_NAME	created in 3.6.0	VARCHAR2	4000	Y	Network name
SMS_IMP_SRC	RATE	created in 3.6.0	VARCHAR2	4000	Y	Rate
SMS_IMP_SRC	SENDER_E212	created in 3.6.0	VARCHAR2	4000	Y	Sender e212



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_IMP_SRC	START_DATE	created in 3.6.0	VARCHAR2	4000	Y	Effective from
SMS_LOOP_DETECTION	-- Table --	created in 3.6.0				SMS loop detection rules
SMS_LOOP_DETECTION	BLOCK_TYPE	created in 3.6.0	NUMBER	22	N	Block type: 0 = Accumulative, 1 = Periodic.
SMS_LOOP_DETECTION	CALCULATE_BY	created in 3.6.0	NUMBER	22	Y	Calculate loops by messages (1) or by segments (2)
SMS_LOOP_DETECTION	CHANNEL_LIST	created in 3.6.0	VARCHAR2	4000	Y	Channel list
SMS_LOOP_DETECTION	CHANNEL_SCOPE	created in 3.6.0	NUMBER	22	Y	Channel list scope (0 - all, 1 - inclusive)
SMS_LOOP_DETECTION	CREATED	created in 3.6.0	DATE	7	Y	Record creation date
SMS_LOOP_DETECTION	CREATED_BY	created in 3.6.0	VARCHAR2	256	Y	Name of user who created record
SMS_LOOP_DETECTION	DETECTION_TYPE	created in 3.6.0	NUMBER	22	N	bit mask: 1(+1) - Sender ID, 2(+2) -DNIS, 3(+4) - text



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_LOOP_DETECTION	IS_ACTIVE	created in 3.6.0	NUMBER	22	N	Is active: 0,1
SMS_LOOP_DETECTION	LAST_UPDATED	created in 3.6.0	DATE	7	Y	Record last updating date
SMS_LOOP_DETECTION	LAST_UPDATED_BY	created in 3.6.0	VARCHAR2	256	Y	Name of user who last updated record
SMS_LOOP_DETECTION	NUMBER_OF_SMS	created in 3.6.0	NUMBER	22	Y	Number of sms
SMS_LOOP_DETECTION	PERIOD	created in 3.6.0	NUMBER	22	Y	Period in seconds
SMS_LOOP_DETECTION	POSITIVE_RESPONSE	created in 3.6.0	NUMBER	22	N	Positive response,
SMS_LOOP_DETECTION	PREFIX_LIST	created in 3.6.0	VARCHAR2	4000	Y	Prefix list
SMS_LOOP_DETECTION	PRIORITY	created in 3.6.0	NUMBER	22	N	Priority value 1-100, 100=max priority
SMS_LOOP_DETECTION	RULE_DESCRIPTION	created in 3.6.0	VARCHAR2	256	Y	Description
SMS_LOOP_DETECTION	RULE_ID	created in 3.6.0	NUMBER	22	N	Rule id



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_LOOP_DETECTION	SENDER_ID_LIST	created in 3.6.0	VARCHAR2	4000	Y	Sender_id list
SMS_MCC_MNC_ROUTE	-- Table --	created in 3.6.0				SMS MCCMNC routes
SMS_MCC_MNC_ROUTE	MCC_MNC	created in 3.6.0	VARCHAR2	10	Y	MCCMNC
SMS_MCC_MNC_ROUTE	MCC_MNC_DESCR	created in 3.6.0	VARCHAR2	1000	Y	Mcc mnc description
SMS_MCC_MNC_ROUTE	MCC_MNC_ID	created in 3.6.0	NUMBER	22	N	Mcc\mnc id
SMS_MCC_MNC_ROUTE	MCC_MNC_ROUTE_CN T	created in 3.6.0	NUMBER	22	Y	Route count
SMS_MSG_TEMPLATE	-- Table --	created in 3.6.0				SMS message templates
SMS_MSG_TEMPLATE	TEMPLATE_ID	created in 3.6.0	NUMBER	22	N	Template ID
SMS_MSG_TEMPLATE	TEMPLATE_NAME	created in 3.6.0	VARCHAR2	256	Y	Template name user
SMS_MSG_TEMPLATE	TEMPLATE_PATTERN	created in 3.6.0	VARCHAR2	4000	Y	Template pattern



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_MSG_TEMPLATE	TEMPLATE_PRODUCT_ID	created in 3.6.0	NUMBER	22	Y	Template product id
SMS_NET_REF	CREATED	created in 3.6.0	DATE	7	Y	Create date
SMS_NET_REF	CREATED_BY	created in 3.6.0	VARCHAR2	256	Y	Created by
SMS_NET_REF	LAST_UPDATE	created in 3.6.0	DATE	7	Y	last update date
SMS_NET_REF	LAST_UPDATED	created in 3.6.0	DATE	7	Y	last update date
SMS_NET_REF	LAST_UPDATED_BY	created in 3.6.0	VARCHAR2	256	Y	Last updated by
SMS_NET_REF_ERROR_LOG	-- Table --	deleted in 3.6.0				Error log for SMS_NET_REF
SMS_NET_REF_ERROR_LOG	COUNTRY_DIAL_CODE	deleted in 3.6.0	VARCHAR2	4000	Y	Country prefix
SMS_NET_REF_ERROR_LOG	COUNTRY_NAME	deleted in 3.6.0	VARCHAR2	4000	Y	Country name



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_NET_REF_ERROR_LOG	DSC	deleted in 3.6.0	VARCHAR2	2000	Y	Description
SMS_NET_REF_ERROR_LOG	END_DATE	deleted in 3.6.0	VARCHAR2	4000	Y	End date
SMS_NET_REF_ERROR_LOG	LOT	deleted in 3.6.0	VARCHAR2	4000	Y	LOT
SMS_NET_REF_ERROR_LOG	MCC_MNC	deleted in 3.6.0	VARCHAR2	4000	Y	MCCMNC
SMS_NET_REF_ERROR_LOG	NET_NAME	deleted in 3.6.0	VARCHAR2	4000	Y	Network name
SMS_NET_REF_ERROR_LOG	NET_REF_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Reference ID
SMS_NET_REF_ERROR_LOG	ORA_ERR_MESG\$	deleted in 3.6.0	VARCHAR2	2000	Y	ORA error message
SMS_NET_REF_ERROR_LOG	ORA_ERR_NUMBER\$	deleted in 3.6.0	NUMBER	22	Y	ORA error number



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_NET_REF_ERROR_LOG	ORA_ERR_OPTYP\$	deleted in 3.6.0	VARCHAR2	2	Y	ORA error type
SMS_NET_REF_ERROR_LOG	ORA_ERR_ROWID\$	deleted in 3.6.0	UROWID	4000	Y	ORA error rowid
SMS_NET_REF_ERROR_LOG	ORA_ERR_TAG\$	deleted in 3.6.0	VARCHAR2	2000	Y	ORA error tag
SMS_NET_REF_ERROR_LOG	START_DATE	deleted in 3.6.0	VARCHAR2	4000	Y	Start date
SMS_NET_REF_IMP_TMP	-- Table --	created in 3.6.0				Temporary table for SMS reference book
SMS_NET_REF_LOAD	-- Table --	created in 3.6.0				Table for loading SMS reference book
SMS_NET_REF_LOAD	COUNTRY_DIAL_CODE	created in 3.6.0	VARCHAR2	16	Y	Country prefix dial code
SMS_NET_REF_LOAD	COUNTRY_NAME	created in 3.6.0	VARCHAR2	256	N	Country name
SMS_NET_REF_LOAD	DSC	created in 3.6.0	VARCHAR2	2000	Y	Description description



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_NET_REF_LOAD	END_DATE	created in 3.6.0	DATE	7	N	Effective till
SMS_NET_REF_LOAD	LOT	created in 3.6.0	NUMBER	22	N	LOT Level of trust (from 0 to 100) trust: from 100
SMS_NET_REF_LOAD	MCC_MNC	created in 3.6.0	VARCHAR2	6	N	MCCMNC
SMS_NET_REF_LOAD	NET_NAME	created in 3.6.0	VARCHAR2	256	N	Network name
SMS_NET_REF_LOAD	NET_REF_ID	created in 3.6.0	NUMBER	22	N	Reference ID Record (primary key)
SMS_NET_REF_LOAD	START_DATE	created in 3.6.0	DATE	7	N	Effective from
SMS_PACK	IM_CHANNEL	created in 3.6.0	NUMBER	22	Y	IM channel
SMS_PACK	PACK_PURPOSE	created in 3.6.0	VARCHAR2	11	Y	Pack purpose
SMS_PACK_SUBSCR	IM_CHANNEL	created in 3.6.0	VARCHAR2	4000	Y	IM channel
SMS_PACK_SUBSCR	PACK_PURPOSE	created in 3.6.0	VARCHAR2	4000	Y	Pack purpose



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_PART_CHANGE	DID_COUNT	created in 3.6.0	NUMBER	22	Y	Number of new DIDs
SMS_PART_STATE	SUM_COUNT_OK	created in 3.6.0	NUMBER	22	Y	Sum for get_sms_mm_cnt
SMS_POI	POI_MESSAGE_TYPE	created in 3.6.0	VARCHAR2	16	Y	Poi message type
SMS_POI	POI_PRIORITY	created in 3.6.0	NUMBER	22	Y	Poi priority
SMS_POI	POI_TRAFFIC_TYPE	created in 3.6.0	VARCHAR2	16	Y	Poi traffic type
SMS_POI_PROD_CACHE_TMP	-- Table --	created in 3.6.0				Temporary table for searching product
SMS_PRODUCT_TMP	-- Table --	created in 3.6.0				Temporary table for SMS CDR processing
SMS_RATES_GRP_TMP	-- Table --	created in 3.6.0				Temporary table for filter groups in SMS rate editor
SMS_RATES_SEL_TMP	-- Table --	created in 3.6.0				Temporary table for filtered rates in SMS rate editor



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_RATE_IMPORT_TMP	RATE1	deleted in 3.6.0	NUMBER	22	N	Price
SMS_RATE_IMPORT_TMP	RATE_COUNTRY_NAME	deleted in 3.6.0	VARCHAR2	256	Y	Country name
SMS_RATE_IMPORT_TMP	RATE_DIAL_CODE	deleted in 3.6.0	VARCHAR2	16	Y	Dial code/Sender ID
SMS_RATE_IMPORT_TMP	RATE_END_DATE	deleted in 3.6.0	DATE	7	N	End date
SMS_RATE_IMPORT_TMP	RATE_ID	deleted in 3.6.0	NUMBER	22	N	Rate ID
SMS_RATE_IMPORT_TMP	RATE_MCC_MNC	deleted in 3.6.0	VARCHAR2	6	N	MCCMNC
SMS_RATE_IMPORT_TMP	RATE_NET_NAME	deleted in 3.6.0	VARCHAR2	256	Y	Net name
SMS_RATE_IMPORT_TMP	RATE_NOTE_ID	deleted in 3.6.0	NUMBER	22	Y	Note id
SMS_RATE_IMPORT_TMP	RATE_PRODUCT_ID	deleted in 3.6.0	NUMBER	22	N	Product ID
SMS_RATE_IMPORT_TMP	RATE_SENDER_MCC_MNC	deleted in 3.6.0	VARCHAR2	6	N	Sender mccmnc



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_RATE_IMPORT_TMP	RATE_START_DATE	deleted in 3.6.0	DATE	7	N	Start date
SMS_RATE_IMPORT_TMP	RATE_TYPE	deleted in 3.6.0	VARCHAR2	100	Y	Type(new\old)
SMS_RATE_IMPORT_TMP_NEW	-- Table --	created in 3.6.0				Temporary table for SMS rate import
SMS_RATE_IMPORT_TMP_OLD	-- Table --	created in 3.6.0				Temporary table for SMS rate import
SMS_RATE_STATUSES	SENDER_E212	created in 3.6.0	VARCHAR2	6	Y	Sender e212
SMS_RERATE_DATA	-- Table --	created in 3.6.0				SMS rerating internal table
SMS_RERATE_DATA	END_DATE	created in 3.6.0	DATE	7	Y	Effective till
SMS_RERATE_DATA	MCCMNC	created in 3.6.0	VARCHAR2	12	Y	MCCMNC Destination Client message ID
SMS_RERATE_DATA	PRODUCT_CATEGORY	created in 3.6.0	NUMBER	22	Y	Product category
SMS_RERATE_DATA	PRODUCT_ID	created in 3.6.0	NUMBER	22	Y	Product ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_RERATE_DATA	START_DATE	created in 3.6.0	DATE	7	Y	Effective from
SMS_RERATE_DATA	TASK_NAME	created in 3.6.0	VARCHAR2	128	Y	Task name
SMS_RERATE_DATA_TMP	-- Table --	created in 3.6.0				SMS rerating temporary table
SMS_REVERSE_CHARGE	-- Table --	created in 3.6.0				SMS reverse charge
SMS_REVERSE_CHARGE	ALLOW_NEGATIVE	created in 3.6.0	NUMBER	22	Y	Allow negative margin (0\1)
SMS_REVERSE_CHARGE	MCC_MNC	created in 3.6.0	VARCHAR2	6	Y	mcc_mnc
SMS_REVERSE_CHARGE	PRODUCT_ID	created in 3.6.0	NUMBER	22	N	Product ID (primary key)
SMS_RTL_AUTH_TOKEN	-- Table --	created in 3.6.0				RESTMAN tokens
SMS_RTL_AUTH_TOKEN	ACC_ID	created in 3.6.0	NUMBER	22	Y	Account ID account id,
SMS_RTL_AUTH_TOKEN	EXP_DATE	created in 3.6.0	TIMESTAMP(6)	11	N	Expire date



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_RTL_AUTH_TOKEN	IP	created in 3.6.0	VARCHAR2	4000	Y	Ip
SMS_RTL_AUTH_TOKEN	TOKEN	created in 3.6.0	VARCHAR2	4000	N	Token
SMS_RTL_AUTH_TOKEN	TOKEN_ID	created in 3.6.0	NUMBER	22	N	Token id
SMS_RTL_AUTH_TOKEN	USER_ID	created in 3.6.0	NUMBER	22	N	User numeric ID (primary key) Manager User-creator
SMS_RTL_AUTH_TOKEN	UUID	created in 3.6.0	VARCHAR2	36	Y	Token UUID
SMS_RTL_AUTH_TOKEN_BLACKLIST	-- Table --	created in 3.6.0				RESTMAN tokens blacklist
SMS_RTL_AUTH_TOKEN_BLACKLIST	ACC_ID	created in 3.6.0	NUMBER	22	Y	Account ID
SMS_RTL_AUTH_TOKEN_BLACKLIST	EXP_DATE	created in 3.6.0	TIMESTAMP(6)	11	N	Expire date
SMS_RTL_AUTH_TOKEN_BLACKLIST	IP	created in 3.6.0	VARCHAR2	4000	Y	Ip



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_RTL_AUTH_TOKEN_BLACKLIST	TOKEN	created in 3.6.0	VARCHAR2	4000	N	Token
SMS_RTL_AUTH_TOKEN_BLACKLIST	TOKEN_ID	created in 3.6.0	NUMBER	22	Y	Token id
SMS_RTL_AUTH_TOKEN_BLACKLIST	USER_ID	created in 3.6.0	NUMBER	22	N	User numeric ID
SMS_RTL_BLACK_LIST	TAG_ID	created in 3.6.0	NUMBER	22	Y	Tag ID
SMS_RTL_EDR	EXTRA	created in 3.6.0	VARCHAR2	4000	Y	Extra field
SMS_RTL_EDR	IM_CHANNEL	created in 3.6.0	VARCHAR2	1000	Y	IM channel
SMS_RTL_EDR	IS_MULTI_CHANNEL	created in 3.6.0	NUMBER	22	Y	Is multi channel
SMS_RTL_EDR	MESSAGE_LABEL	created in 3.6.0	VARCHAR2	256	Y	Message label
SMS_RTL_EDR	SOURCE_MESSAGE_DATE	created in 3.6.0	DATE	7	Y	Source message date



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_RTL_EDR	SOURCE_MESSAGE_ID	created in 3.6.0	VARCHAR2	65	Y	Source message id
SMS_RTL_EDR	TRANSACTION_ID	created in 3.6.0	VARCHAR2	65	Y	Transaction ID
SMS_RTL_EDR	VENDOR_ANI	created in 3.6.0	VARCHAR2	32	Y	Vendor sender ID
SMS_RTL_EDR	VENDOR_DNIS	created in 3.6.0	VARCHAR2	32	Y	Vendor destination address dest.
SMS_RTL_EDR_STATUS	IM_CHANNEL	created in 3.6.0	VARCHAR2	4000	Y	IM channel
SMS_RTL_EDR_STATUS	TECH_DETAILS	created in 3.6.0	VARCHAR2	4000	Y	Tech details
SMS_RTL_EDR_UNLOCK_BUFF	-- Table --	created in 3.6.0				Unblocking EDRs
SMS_RTL_EDR_UNLOCK_BUFF	EDR_IS_SUCCESSFUL	created in 3.6.0	NUMBER	22	Y	Flag: 1 - successful HLR request, 0 not Is flag
SMS_RTL_EDR_UNLOCK_BUFF	IM_CHANNEL	created in 3.6.0	VARCHAR2	1000	Y	IM channel



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_RTL_EDR_UNLOCK_BUFF	MESSAGE_ID	created in 3.6.0	VARCHAR2	65	Y	Client message ID SMS Message text
SMS_RTL_EDR_UNLOCK_BUFF	SUBSCR_ID	created in 3.6.0	NUMBER	22	Y	Fee ID Subscription
SMS_RULE	RULE_COLOR	created in 3.6.0	VARCHAR2	100	Y	Rule color
SMS_RULE	RULE_CONTENT_GROUP_LIST	created in 3.6.0	VARCHAR2	4000	Y	tag id list
SMS_RULE	RULE_CONTENT_GROUP_LIST_SCOPE	created in 3.6.0	NUMBER	22	N	0 - All, 1 - Inclusive list, -1 - Exclusive list
SMS_RULE	RULE_DEST_NUM_GROUP_LIST	created in 3.6.0	VARCHAR2	4000	Y	tag id list
SMS_RULE	RULE_DEST_NUM_GROUP_LIST_SCOPE	created in 3.6.0	NUMBER	22	N	0 - All, 1 - Inclusive list, -1 - Exclusive list
SMS_RULE	RULE_SENDERID_GROUP_LIST	created in 3.6.0	VARCHAR2	4000	Y	tag id list



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_RULE	RULE_SENDERID_GROUP_LIST_SCOPE	created in 3.6.0	NUMBER	22	N	0 - All, 1 - Inclusive list, -1 - Exclusive list
SMS_RUT_LIM_DESTINATION	-- Table --	created in 3.6.0				SMS limitation rule destinations
SMS_RUT_LIM_DESTINATION	LAST_THRESHOLD	created in 3.6.0	NUMBER	22	Y	Last threshold
SMS_RUT_LIM_DESTINATION	LAST_THRESHOLD_CHANGE	created in 3.6.0	DATE	7	Y	Last threshold date
SMS_RUT_LIM_DESTINATION	MCC_MNC_MASK	created in 3.6.0	VARCHAR2	22	N	Mcc mnc mask
SMS_RUT_LIM_DESTINATION	MCC_MNC_MASKS	created in 3.6.0	VARCHAR2	4000	Y	Mcc mnc masks
SMS_RUT_LIM_DESTINATION	PRODUCT_ID	created in 3.6.0	NUMBER	22	N	Product ID
SMS_RUT_LIM_DESTINATION	PRODUCT_IDS	created in 3.6.0	VARCHAR2	4000	Y	Product IDs



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_RUT_LIM_DESTINATION	RULE_ID	created in 3.6.0	NUMBER	22	N	Routing rule ID Rule (primary key) rule_id id
SMS_RUT_LIM_LOCK	-- Table --	created in 3.6.0				SMS limitation rule lock
SMS_RUT_LIM_LOCK	EFFECTIVE_TILL	created in 3.6.0	DATE	7	Y	Effective till
SMS_RUT_LIM_LOCK	MCC_MNC_MASK	created in 3.6.0	VARCHAR2	772	Y	Mcc mnc mask
SMS_RUT_LIM_LOCK	PRODUCT_ID	created in 3.6.0	NUMBER	22	N	Product ID
SMS_RUT_LIM_LOCK	RULE_ID	created in 3.6.0	NUMBER	22	N	Routing rule ID Rule (primary key) rule_id id
SMS_RUT_LIM_METRIC	-- Table --	created in 3.6.0				SMS limitation rule metrics
SMS_RUT_LIM_METRIC	ASC_DESC	created in 3.6.0	VARCHAR2	4	Y	Ascending/Descending metric
SMS_RUT_LIM_METRIC	CREATED	created in 3.6.0	DATE	7	Y	Record creation date



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_RUT_LIM_METRIC	CREATED_BY	created in 3.6.0	VARCHAR2	256	Y	Name of user who created record
SMS_RUT_LIM_METRIC	LAST_UPDATED	created in 3.6.0	DATE	7	Y	Record last updating date
SMS_RUT_LIM_METRIC	LAST_UPDATED_BY	created in 3.6.0	VARCHAR2	256	Y	Name of user who last updated record
SMS_RUT_LIM_METRIC	METRIC_CODE	created in 3.6.0	VARCHAR2	256	Y	Metric code for translation of limitations rules
SMS_RUT_LIM_METRIC	METRIC_ID	created in 3.6.0	NUMBER	22	N	Metric ID Link to metric
SMS_RUT_LIM_METRIC	METRIC_NAME	created in 3.6.0	VARCHAR2	256	N	Metric name
SMS_RUT_LIM_METRIC	THRESHOLD_LIST	created in 3.6.0	VARCHAR2	1000	Y	Threshold list
SMS_RUT_LIM_REFRESH_QUEUE	-- Table --	created in 3.6.0				SMS limitation rule internal table
SMS_RUT_LIM_REFRESH_QUEUE	DCHECK	created in 3.6.0	DATE	7	Y	Date Last updated day check date of charging Cube



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_RUT_LIM_REFRESH_QUEUE	FMT	created in 3.6.0	VARCHAR2	4	Y	Format (HH24/DD/DAY/MON) Table period type
SMS_RUT_LIM_RULE	-- Table --	created in 3.6.0				SMS limitation rules
SMS_RUT_LIM_RULE	ALERT_RECIPIENTS	created in 3.6.0	VARCHAR2	4000	Y	List of alert recipients email emails
SMS_RUT_LIM_RULE	BLOCK_LENGTH	created in 3.6.0	NUMBER	22	Y	Block length (period count)
SMS_RUT_LIM_RULE	CREATED	created in 3.6.0	DATE	7	Y	Record creation date
SMS_RUT_LIM_RULE	CREATED_BY	created in 3.6.0	VARCHAR2	256	Y	Name of user who created record
SMS_RUT_LIM_RULE	END_DATE	created in 3.6.0	DATE	7	N	Effective till
SMS_RUT_LIM_RULE	IS_ACTIVE	created in 3.6.0	NUMBER	22	N	Activity flag
SMS_RUT_LIM_RULE	LAST_CHECKED_DATE	created in 3.6.0	TIMESTAMP(6)	11	Y	Last check date



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_RUT_LIM_RULE	LAST_UPDATED	created in 3.6.0	DATE	7	Y	Record last updating date
SMS_RUT_LIM_RULE	LAST_UPDATED_BY	created in 3.6.0	VARCHAR2	256	Y	Name of user who last updated record
SMS_RUT_LIM_RULE	LIMIT_VALUE	created in 3.6.0	NUMBER	22	N	Value of the limit to activate lock or alert
SMS_RUT_LIM_RULE	METRIC_ID	created in 3.6.0	NUMBER	22	N	Metric ID Link to metric
SMS_RUT_LIM_RULE	PERIOD_LENGTH	created in 3.6.0	NUMBER	22	N	Length of the period, must be >= 1
SMS_RUT_LIM_RULE	PERIOD_TYPE	created in 3.6.0	VARCHAR2	4	N	Period: HH24 - hour, DD - day, DAY - week, MM - month, ONCE - single
SMS_RUT_LIM_RULE	RULE_ID	created in 3.6.0	NUMBER	22	N	Routing rule ID Rule (primary key) rule_id id
SMS_RUT_LIM_RULE	RULE_TYPE	created in 3.6.0	NUMBER	22	N	Rule type



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_RUT_LIM_RULE	SEND_ALERTS	created in 3.6.0	NUMBER	22	N	Flag: 1 - send alerts to account manager, 0 do not send
SMS_RUT_LIM_RULE	START_DATE	created in 3.6.0	DATE	7	N	Effective from
SMS_RUT_LIM_RULE	STATS_DELAY	created in 3.6.0	NUMBER	22	Y	Statistics delay
SMS_RUT_LIM_STATS	-- Table --	created in 3.6.0				SMS limitation rule statistics
SMS_RUT_LIM_STATS	COST	created in 3.6.0	NUMBER	22	Y	Vendor average cost Cost
SMS_RUT_LIM_STATS	COUNT_ACTIVATED	created in 3.6.0	NUMBER	22	Y	Count of activated messages
SMS_RUT_LIM_STATS	COUNT_DELIVRD	created in 3.6.0	NUMBER	22	Y	Total delivered SMS Count of messages Number
SMS_RUT_LIM_STATS	COUNT_DST_OK	created in 3.6.0	NUMBER	22	Y	Count of billable messages for vendor
SMS_RUT_LIM_STATS	COUNT_OK	created in 3.6.0	NUMBER	22	Y	Total successful attempts



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_RUT_LIM_STATS	COUNT_REPORTED	created in 3.6.0	NUMBER	22	Y	Count of messages with delivery status
SMS_RUT_LIM_STATS	COUNT_SENT	created in 3.6.0	NUMBER	22	Y	Count of sent messages Number
SMS_RUT_LIM_STATS	COUNT_SRC_OK	created in 3.6.0	NUMBER	22	Y	Count of billable messages for client
SMS_RUT_LIM_STATS	COUNT_TOTAL	created in 3.6.0	NUMBER	22	Y	Total count
SMS_RUT_LIM_STATS	DCHECK	created in 3.6.0	DATE	7	N	Date Last updated day check date of charging Cube
SMS_RUT_LIM_STATS	MARGIN	created in 3.6.0	NUMBER	22	Y	Margin Total margin
SMS_RUT_LIM_STATS	MCC_MNC_MASK	created in 3.6.0	VARCHAR2	772	Y	Mcc mnc mask
SMS_RUT_LIM_STATS	PRODUCT_ID	created in 3.6.0	NUMBER	22	Y	Product ID
SMS_RUT_LIM_STATS	RULE_ID	created in 3.6.0	NUMBER	22	N	Routing rule ID Rule (primary key) rule_id id



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_RUT_LIM_STATS	SUM_DELIVERY_DELAY	created in 3.6.0	NUMBER	22	Y	Total delivery delay
SMS_RUT_LIM_STATS_TMP	-- Table --	created in 3.6.0				Temporary table for SMS limitation rule statistic
SMS_SENDER	SMS_SENDER_ID	changed in 3.6.0	NUMBER	22	N	Sender ID
SMS_SS7_MSG_TYPE	-- Table --	created in 3.6.0				SS7 message type detection rules
SMS_SS7_MSG_TYPE	DESTINATION_ADDR	created in 3.6.0	VARCHAR2	64	N	Destination address
SMS_SS7_MSG_TYPE	ID	created in 3.6.0	NUMBER	22	N	ID
SMS_SS7_MSG_TYPE	ORIGINATION_ADDR	created in 3.6.0	VARCHAR2	64	N	Origination addr
SMS_TAB_PARAM	-- Table --	deleted in 3.6.0				SMS analytic cubes parameters
SMS_TAB_PARAM	ALLOW_STA_RAW_SOURCE	deleted in 3.6.0	NUMBER	22	N	Flag: 1 - allow recalculation from raw CDRs, 0 - do not allow



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_TAB_PARAM	FMT	deleted in 3.6.0	VARCHAR2	4	N	Table period type
SMS_TAB_PARAM	FUTURE_CNT	deleted in 3.6.0	NUMBER	22	N	Future periods count
SMS_TAB_PARAM	REFRESH_DELAY	deleted in 3.6.0	NUMBER	22	N	Refresh delay, fraction of day
SMS_TAB_PARAM	STORE_CNT_PARAM	deleted in 3.6.0	VARCHAR2	30	N	Window width
SMS_TAB_PARAM	TABLE_NAME	deleted in 3.6.0	VARCHAR2	30	N	Table name
SMS_TEST_DEAL_HIST	DEAL_ID	changed in 3.6.0	NUMBER	22	Y	id of test deal
SMS_TEST_TASK	TASK_UPDATE_DATE	created in 3.6.0	DATE	7	Y	Task update date
SMS_TEST_TASK_TEMPLATE	TT_SELECTED_ROWS	changed in 3.6.0	VARCHAR2	4000	Y	Selected rows
SMS_TRANSLATION_LIST	-- Table --	created in 3.6.0				SMS translate expression lists
SMS_TRANSLATION_LIST	EXPR_LIST	created in 3.6.0	CLOB	4000	N	Translation expressions list



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_TRANSLATION_LIST	ID	created in 3.6.0	NUMBER	22	N	List ID
SMS_TRANSLATION_LIST	LIST_NAME	created in 3.6.0	VARCHAR2	256	N	List name
SMS_TRANSLATION_RULE	CREATED	created in 3.6.0	DATE	7	Y	Record creation date
SMS_TRANSLATION_RULE	CREATED_BY	created in 3.6.0	VARCHAR2	256	Y	Name of user who created record
SMS_TRANSLATION_RULE	LAST_UPDATED	created in 3.6.0	DATE	7	Y	Record last updating date
SMS_TRANSLATION_RULE	LAST_UPDATED_BY	created in 3.6.0	VARCHAR2	256	Y	Name of user who last updated record
SMS_TRANSLATION_RULE	RULE_CONTENT_GROUP_LIST	created in 3.6.0	VARCHAR2	4000	Y	tag id list
SMS_TRANSLATION_RULE	RULE_CONTENT_GROUP_LIST_SCOPE	created in 3.6.0	NUMBER	22	Y	0 - All, 1 - Inclusive list, -1 - Exclusive list
SMS_TRANSLATION_RULE	RULE_DEST_NUM_GROUPS_LIST	created in 3.6.0	VARCHAR2	4000	Y	tag id list



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_TRANSLATION_RULE	RULE_DEST_NUM_GRP OUP_LIST_SCOPE	created in 3.6.0	NUMBER	22	Y	0 - All, 1 - Inclusive list, -1 - Exclusive list
SMS_TRANSLATION_RULE	RULE_SENDERID_GROUP UP_LIST	created in 3.6.0	VARCHAR2	4000	Y	tag id list
SMS_TRANSLATION_RULE	RULE_SENDERID_GROUP UP_LIST_SCOPE	created in 3.6.0	NUMBER	22	Y	0 - All, 1 - Inclusive list, -1 - Exclusive list
SMS_TRANSLATION_RULE	TR_TLV_TAG	created in 3.6.0	VARCHAR2	6	Y	TLV tag
SMS_TRANSLATION_RULE	TR_TLV_TYPE	created in 3.6.0	NUMBER	22	Y	TLV tag type
SMS_TRANSLATION_RULE	TR_TRANS_LIST_ID	created in 3.6.0	NUMBER	22	Y	ID expression list (link to sms_translation_list.id)
SMS_TRANSLATION_RULE	TR_TRANS_LIST_MODE	created in 3.6.0	NUMBER	22	Y	Text translation mode (0 - list cycle, 1 - random)
SMS_TRANSLATION_RULE	TR_TRANS_TYPE	created in 3.6.0	NUMBER	22	Y	Text translation type (0 - regex, 1 - expression list)
SMS_TRNSL_CODE	CODE	changed in 3.6.0	VARCHAR2	4000	N	code



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_TRNSL_CODE	DESCR	changed in 3.6.0	VARCHAR2	4000	N	description
SMS_TRNSL_ERRCODE	-- Table --	deleted in 3.6.0				Error code translations
SMS_TRNSL_ERRCODE	CHANNEL_IDS	deleted in 3.6.0	VARCHAR2	4000	N	List of channels
SMS_TRNSL_ERRCODE	ID	deleted in 3.6.0	NUMBER	22	N	Unique ID
SMS_TRNSL_ERRCODE	MCC_MNC_LIST	deleted in 3.6.0	VARCHAR2	4000	Y	List of MCCMNCs translation rule applied to
SMS_TRNSL_ERRCODE	RES_CODE_MANUAL	deleted in 3.6.0	VARCHAR2	1000	Y	Manually entered resulting code
SMS_TRNSL_ERRCODE	RES_DLV_STATUS	deleted in 3.6.0	NUMBER	22	Y	Resulting delivery status
SMS_TRNSL_ERRCODE	RES_SMB_RESP_STATUS	deleted in 3.6.0	NUMBER	22	Y	Resulting submit_sm_resp code
SMS_TRNSL_ERRCODE	RES_SYS_DLV_ERR_CODE	deleted in 3.6.0	NUMBER	22	Y	Resulting system delivery error code



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_TRNSL_ERRCODE	SRC_CODE_MANUAL	deleted in 3.6.0	VARCHAR2	1000	Y	Manually entered source code
SMS_TRNSL_ERRCODE	SRC_DLV_STATUS	deleted in 3.6.0	NUMBER	22	Y	Source delivery status
SMS_TRNSL_ERRCODE	SRC_SYS_DLV_ERR_CODE	deleted in 3.6.0	NUMBER	22	Y	Source system delivery error code
SMS_TRNSL_ERRCODE	SRC_SYS_SRC_CODE	deleted in 3.6.0	NUMBER	22	Y	Source system submit_sm_resp code
SMS_TRNSL_ERRCODE	TRNSL_TYPE_CODE	deleted in 3.6.0	NUMBER	22	N	Translation type
SMS_TRNSL_RULE_CODE_REF	-- Table --	created in 3.6.0				Code translation reference book
SMS_TRNSL_RULE_CODE_REF	CODE_TYPE	created in 3.6.0	NUMBER	22	Y	code type: routing/system/error/status/protocol
SMS_TRNSL_RULE_CODE_REF	RULE_CODE_TYPE	created in 3.6.0	VARCHAR2	12	Y	Rule code type



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_TRNSL_RULE_CODE_REF	RULE_PROTOCOL	created in 3.6.0	VARCHAR2	4	Y	Rule protocol
SMS_TRNSL_RULE_CODE_REF	RULE_TYPE	created in 3.6.0	NUMBER	22	Y	Rule type
SMS_TRNSL_SBM_RESP_STATUS	-- Table --	deleted in 3.6.0				List of submit_sm_resp status codes
SMS_TRNSL_SBM_RESP_STATUS	CLASS_RESPONSE	deleted in 3.6.0	VARCHAR2	256	Y	Response class name
SMS_TRNSL_SBM_RESP_STATUS	DESCR	deleted in 3.6.0	VARCHAR2	1024	Y	Description
SMS_TRNSL_SBM_RESP_STATUS	ERROR_CODE	deleted in 3.6.0	VARCHAR2	1024	Y	Error code
SMS_TRNSL_SBM_RESP_STATUS	ID	deleted in 3.6.0	NUMBER	22	N	Unique ID
SMS_TRNSL_SBM_RESP_STATUS	STATUS_CODE	deleted in 3.6.0	VARCHAR2	16	N	Status code



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_TRNSL_SBM_RESP_STATUS	TYPE	deleted in 3.6.0	VARCHAR2	5	N	Code type
SMS_TRNSL_SYS_DLV_ERR_CODE	-- Table --	deleted in 3.6.0				List of system delivery error codes
SMS_TRNSL_SYS_DLV_ERR_CODE	DESCR	deleted in 3.6.0	VARCHAR2	256	Y	Description
SMS_TRNSL_SYS_DLV_ERR_CODE	ERR_CODE	deleted in 3.6.0	VARCHAR2	16	N	Error code
SMS_TRNSL_SYS_DLV_ERR_CODE	ID	deleted in 3.6.0	NUMBER	22	N	Unique ID
SMS_TRNSL_SYS_DLV_STATUS	-- Table --	deleted in 3.6.0				List of system delivery statuses
SMS_TRNSL_SYS_DLV_STATUS	ID	deleted in 3.6.0	NUMBER	22	N	Unique ID
SMS_TRNSL_SYS_DLV_STATUS	STATUS	deleted in 3.6.0	VARCHAR2	16	N	Status name



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_TRNSL_SYS_SRC_CODE	-- Table --	deleted in 3.6.0				List of system EDR statuses
SMS_TRNSL_SYS_SRC_CODE	CODE_NUM	deleted in 3.6.0	VARCHAR2	10	N	Code number
SMS_TRNSL_SYS_SRC_CODE	CODE_TXT	deleted in 3.6.0	VARCHAR2	2000	N	Code text
SMS_TRNSL_SYS_SRC_CODE	ID	deleted in 3.6.0	NUMBER	22	N	Unique ID
SMS_TRNSL_TYPE_CODE	-- Table --	created in 3.6.0				Translation error code types
SMS_TRNSL_TYPE_CODE	DESCR	created in 3.6.0	VARCHAR2	4000	Y	Description description Installation
SMS_TRNSL_TYPE_CODE	ID	created in 3.6.0	NUMBER	22	N	ID
SMS_TRNSL_TYPE_CODE	TYPE_CODE	created in 3.6.0	NUMBER	22	N	Code type
SMS_VBD2	DEAL_PERIOD_TYPE	created in 3.6.0	NUMBER	22	Y	Deal period type



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_VBD_PERIOD	-- Table --	created in 3.6.0				SMS volume-based deal periods
SMS_VBD_PERIOD	CURRENT_THRESHOLD	created in 3.6.0	NUMBER	22	Y	Current threshold
SMS_VBD_PERIOD	CURRENT_VOLUME	created in 3.6.0	NUMBER	22	Y	Current volume
SMS_VBD_PERIOD	DEAL_ID	created in 3.6.0	NUMBER	22	Y	Deal ID
SMS_VBD_PERIOD	EXPECTED_VOLUME	created in 3.6.0	NUMBER	22	Y	Expected volume
SMS_VBD_PERIOD	LAST_ACTUALIZATION_DATE	created in 3.6.0	DATE	7	Y	Last actualization date
SMS_VBD_PERIOD	PERIOD_END	created in 3.6.0	DATE	7	Y	Deal period end date
SMS_VBD_PERIOD	PERIOD_ID	created in 3.6.0	NUMBER	22	N	Period ID
SMS_VBD_PERIOD	PERIOD_NO	created in 3.6.0	NUMBER	22	Y	Deal period number
SMS_VBD_PERIOD	PERIOD_SCRUTINY	created in 3.6.0	NUMBER	22	Y	Scrutiny period



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_VBD_PERIOD	PERIOD_START	created in 3.6.0	DATE	7	Y	Deal period start date
SMS_VBD_PERIOD	PERIOD_STATE	created in 3.6.0	VARCHAR2	1	Y	Deal period state (A - actual, I invalid, O obsolete)
SMS_VBD_PERIOD_INFO_TMP	-- Table --	created in 3.6.0				Temporary table for SMS volume-based deal
SMS_VBD_PERIOD_TYPE	-- Table --	created in 3.6.0				SMS volume-based deal period type
SMS_VBD_PERIOD_TYPE	ACCURACY	created in 3.6.0	NUMBER	22	Y	Accuracy
SMS_VBD_PERIOD_TYPE	DAYS_COUNT	created in 3.6.0	NUMBER	22	Y	Days count
SMS_VBD_PERIOD_TYPE	PERIOD_TYPE_ID	created in 3.6.0	NUMBER	22	N	Type of deal period
SMS_VBD_PERIOD_TYPE	PERIOD_TYPE_NAME	created in 3.6.0	VARCHAR2	100	Y	Period type name
SMS_VBD_PRODUCT	-- Table --	created in 3.6.0				SMS volume-based deal products



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_VBD_PRODUCT	DEAL_ID	created in 3.6.0	NUMBER	22	N	Deal ID
SMS_VBD_PRODUCT	LAST_RERATING_THRESHOLD	created in 3.6.0	NUMBER	22	Y	Last rerating threshold
SMS_VBD_PRODUCT	LAST_RERATING_TIME	created in 3.6.0	DATE	7	Y	Last rerating time
SMS_VBD_PRODUCT	PRODUCT_ID	created in 3.6.0	NUMBER	22	N	Product ID
SMS_VBD_RATE	-- Table --	created in 3.6.0				SMS volume-based deal rates
SMS_VBD_RATE	MCC_MNC	created in 3.6.0	NUMBER	22	Y	MCCMNC
SMS_VBD_RATE	PERIOD_ID	created in 3.6.0	NUMBER	22	Y	Period ID
SMS_VBD_RATE	RATE	created in 3.6.0	NUMBER	22	Y	Price Rate per minute rate Pack ID
SMS_VBD_RATE	SENDER	created in 3.6.0	VARCHAR2	50	Y	Mail from
SMS_VBD_RATE	THRESHOLD_NO	created in 3.6.0	NUMBER	22	Y	Threshold number



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_VBD_RATE	VOLUME	created in 3.6.0	NUMBER	22	Y	Volume lower threshold volume Total
SMS_VBD_RATE_TMP	-- Table --	created in 3.6.0				SMS volume-based deal temporary table
STA_CUBE_DAY	CALLED_LATA	changed in 3.6.0	NUMBER	22	Y	B-side LATA
STA_CUBE_DAY	CALLED_OCN	changed in 3.6.0	VARCHAR2	4	Y	B-side OCN
STA_CUBE_DAY	CALLED_STATE	changed in 3.6.0	VARCHAR2	2	Y	B-side State
STA_CUBE_DAY	CALLING_LATA	changed in 3.6.0	NUMBER	22	Y	A-side LATA
STA_CUBE_DAY	CALLING_OCN	changed in 3.6.0	VARCHAR2	4	Y	A-side OCN
STA_CUBE_DAY	CALLING_STATE	changed in 3.6.0	VARCHAR2	2	Y	A-side State
STA_CUBE_DAY	CALL_TYPE	created in 3.6.0	NUMBER	22	Y	Call type
STA_CUBE_DAY	COUNT_OK	changed in 3.6.0	NUMBER	22	Y	Successful calls



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_DAY	COUNT_RES	changed in 3.6.0	NUMBER	22	Y	Attempts with successful code
STA_CUBE_DAY	COUNT_SHORT	changed in 3.6.0	NUMBER	22	Y	Short calls
STA_CUBE_DAY	COUNT_TOTAL	changed in 3.6.0	NUMBER	22	Y	Attempts count
STA_CUBE_DAY	COUNT_VERY_SHORT	changed in 3.6.0	NUMBER	22	Y	Very short calls
STA_CUBE_DAY	DCHECK	changed in 3.6.0	DATE	7	Y	Date
STA_CUBE_DAY	DST_DIAL_CODE	changed in 3.6.0	VARCHAR2	256	Y	Vendor dial code from rates
STA_CUBE_DAY	DST_RATE_LIST	changed in 3.6.0	VARCHAR2	64	Y	3 sample vendor rates
STA_CUBE_DAY	GROUP_ID	changed in 3.6.0	NUMBER	22	Y	Aggregation group ID
STA_CUBE_DAY	HOST	changed in 3.6.0	VARCHAR2	256	Y	Softswitch
STA_CUBE_DAY	SRC_DIAL_CODE	changed in 3.6.0	VARCHAR2	256	Y	Client dial code from rates



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_DAY	SRC_RATE_LIST	changed in 3.6.0	VARCHAR2	64	Y	3 sample client rates
STA_CUBE_DAY	SUM_DST_CHARGE	changed in 3.6.0	NUMBER	22	Y	Vendor charge
STA_CUBE_DAY	SUM_DST_CONN_FEE	created in 3.6.0	NUMBER	22	Y	Sum of vendor connection fees
STA_CUBE_DAY	SUM_MARGIN	changed in 3.6.0	NUMBER	22	Y	Margin
STA_CUBE_DAY	SUM_SRC_CHARGE	changed in 3.6.0	NUMBER	22	Y	Client charge
STA_CUBE_GROUP	CALL_TYPE	created in 3.6.0	NUMBER	22	N	Call type
STA_CUBE_GROUP	GROUP_ID	changed in 3.6.0	NUMBER	22	Y	Group ID
STA_CUBE_GROUP	MANAGER_ID	created in 3.6.0	NUMBER	22	N	Manager ID
STA_CUBE_HOUR	CALLED_LATA	changed in 3.6.0	NUMBER	22	Y	B-side LATA
STA_CUBE_HOUR	CALLED_OCN	changed in 3.6.0	VARCHAR2	4	Y	B-side OCN
STA_CUBE_HOUR	CALLED_STATE	changed in 3.6.0	VARCHAR2	2	Y	B-side State



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_HOUR	CALLING_LATA	changed in 3.6.0	NUMBER	22	Y	A-side LATA
STA_CUBE_HOUR	CALLING_OCN	changed in 3.6.0	VARCHAR2	4	Y	A-side OCN
STA_CUBE_HOUR	CALLING_STATE	changed in 3.6.0	VARCHAR2	2	Y	A-side State
STA_CUBE_HOUR	CALL_TYPE	created in 3.6.0	NUMBER	22	Y	Call type
STA_CUBE_HOUR	COUNT_OK	changed in 3.6.0	NUMBER	22	Y	Successful calls
STA_CUBE_HOUR	COUNT_RES	changed in 3.6.0	NUMBER	22	Y	Attempts with successful code
STA_CUBE_HOUR	COUNT_SHORT	changed in 3.6.0	NUMBER	22	Y	Short calls
STA_CUBE_HOUR	COUNT_TOTAL	changed in 3.6.0	NUMBER	22	Y	Attempts count
STA_CUBE_HOUR	COUNT_VERY_SHORT	changed in 3.6.0	NUMBER	22	Y	Very short calls
STA_CUBE_HOUR	DCHECK	changed in 3.6.0	DATE	7	Y	Date



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_HOUR	DST_DIAL_CODE	changed in 3.6.0	VARCHAR2	256	Y	Vendor dial code from rates
STA_CUBE_HOUR	DST_RATE_LIST	changed in 3.6.0	VARCHAR2	64	Y	3 sample vendor rates
STA_CUBE_HOUR	GROUP_ID	changed in 3.6.0	NUMBER	22	Y	Aggregation group ID
STA_CUBE_HOUR	HOST	changed in 3.6.0	VARCHAR2	256	Y	Softswitch
STA_CUBE_HOUR	SRC_DIAL_CODE	changed in 3.6.0	VARCHAR2	256	Y	Client dial code from rates
STA_CUBE_HOUR	SRC_RATE_LIST	changed in 3.6.0	VARCHAR2	64	Y	3 sample client rates
STA_CUBE_HOUR	SUM_DST_CHARGE	changed in 3.6.0	NUMBER	22	Y	Vendor charge
STA_CUBE_HOUR	SUM_DST_CONN_FEE	created in 3.6.0	NUMBER	22	Y	Sum of vendor connection fees
STA_CUBE_HOUR	SUM_MARGIN	changed in 3.6.0	NUMBER	22	Y	Margin
STA_CUBE_HOUR	SUM_SRC_CHARGE	changed in 3.6.0	NUMBER	22	Y	Client charge



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_INDX_QUEUE	PARTITION_DATE	created in 3.6.0	DATE	7	Y	Partition date
STA_CUBE_INDX_QUEUE	TABLE_NAME	created in 3.6.0	VARCHAR2	50	Y	Table name Analytic cube table
STA_CUBE_MANAGER_D AY	-- Table --	created in 3.6.0				Manager voice analytic daily cube
STA_CUBE_MANAGER_D AY	AVG_PDD	created in 3.6.0	NUMBER	22	Y	Average PDD
STA_CUBE_MANAGER_D AY	CALLED_LATA	created in 3.6.0	NUMBER	22	Y	B-side LATA
STA_CUBE_MANAGER_D AY	CALLED_OCN	created in 3.6.0	VARCHAR2	4	Y	B-side OCN
STA_CUBE_MANAGER_D AY	CALLED_STATE	created in 3.6.0	VARCHAR2	2	Y	B-side State
STA_CUBE_MANAGER_D AY	CALLING_DIAL_CODE	created in 3.6.0	VARCHAR2	256	Y	A-number dial code



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_D AY	CALLING_LATA	created in 3.6.0	NUMBER	22	Y	A-side LATA
STA_CUBE_MANAGER_D AY	CALLING_OCN	created in 3.6.0	VARCHAR2	4	Y	A-side OCN
STA_CUBE_MANAGER_D AY	CALLING_STATE	created in 3.6.0	VARCHAR2	2	Y	A-side State
STA_CUBE_MANAGER_D AY	CALL_TYPE	created in 3.6.0	NUMBER	22	Y	Call type
STA_CUBE_MANAGER_D AY	COUNT_ACCOUNTABL E	created in 3.6.0	NUMBER	22	Y	Count of total attempts accountable for PDD calculation
STA_CUBE_MANAGER_D AY	COUNT_OK	created in 3.6.0	NUMBER	22	Y	Successful calls
STA_CUBE_MANAGER_D AY	COUNT_RES	created in 3.6.0	NUMBER	22	Y	Attempts with successful code
STA_CUBE_MANAGER_D AY	COUNT_SHORT	created in 3.6.0	NUMBER	22	Y	Short calls



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_D AY	COUNT_TOTAL	created in 3.6.0	NUMBER	22	Y	Attempts count
STA_CUBE_MANAGER_D AY	COUNT_VERY_SHORT	created in 3.6.0	NUMBER	22	Y	Very short calls
STA_CUBE_MANAGER_D AY	DCHECK	created in 3.6.0	DATE	7	Y	Date
STA_CUBE_MANAGER_D AY	DST_DIAL_CODE	created in 3.6.0	VARCHAR2	256	Y	Vendor dial code from rates
STA_CUBE_MANAGER_D AY	DST_POI_ID	created in 3.6.0	NUMBER	22	Y	Vendor POI ID
STA_CUBE_MANAGER_D AY	DST_RATE_LIST	created in 3.6.0	VARCHAR2	64	Y	3 sample vendor rates
STA_CUBE_MANAGER_D AY	EXTRA	created in 3.6.0	VARCHAR2	128	Y	Extra field
STA_CUBE_MANAGER_D AY	EXTRA_CNT	created in 3.6.0	NUMBER	22	Y	CDR count with extra sign



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_D AY	GROUP_ID	created in 3.6.0	NUMBER	22	Y	Aggregation group ID
STA_CUBE_MANAGER_D AY	HOST	created in 3.6.0	VARCHAR2	256	Y	Softswitch
STA_CUBE_MANAGER_D AY	MANAGER_ID	created in 3.6.0	NUMBER	22	Y	Manager ID
STA_CUBE_MANAGER_D AY	MAX_PDD	created in 3.6.0	NUMBER	22	Y	Maximum PDD
STA_CUBE_MANAGER_D AY	MIN_PDD	created in 3.6.0	NUMBER	22	Y	Minimum PDD
STA_CUBE_MANAGER_D AY	RULE_ID	created in 3.6.0	NUMBER	22	Y	Routing rule ID
STA_CUBE_MANAGER_D AY	SRC_DIAL_CODE	created in 3.6.0	VARCHAR2	256	Y	Client dial code from rates
STA_CUBE_MANAGER_D AY	SRC_POI_ID	created in 3.6.0	NUMBER	22	Y	Client POI ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_D AY	SRC_RATE_LIST	created in 3.6.0	VARCHAR2	64	Y	3 sample client rates
STA_CUBE_MANAGER_D AY	SUM_DST_CHARGE	created in 3.6.0	NUMBER	22	Y	Vendor charge
STA_CUBE_MANAGER_D AY	SUM_DST_CONN_FEE	created in 3.6.0	NUMBER	22	Y	Sum of vendor connection fees
STA_CUBE_MANAGER_D AY	SUM_DST_DURATION	created in 3.6.0	NUMBER	22	Y	Vendor duration, sec
STA_CUBE_MANAGER_D AY	SUM_DST_RAW_DURA TION	created in 3.6.0	NUMBER	22	Y	Total vendor raw duration (in seconds)
STA_CUBE_MANAGER_D AY	SUM_DURATION	created in 3.6.0	NUMBER	22	Y	Raw duration, sec
STA_CUBE_MANAGER_D AY	SUM_MARGIN	created in 3.6.0	NUMBER	22	Y	Margin
STA_CUBE_MANAGER_D AY	SUM_SRC_CHARGE	created in 3.6.0	NUMBER	22	Y	Client charge



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_D AY	SUM_SRC_CONN_FEE	created in 3.6.0	NUMBER	22	Y	Total client connection fee
STA_CUBE_MANAGER_D AY	SUM_SRC_DURATION	created in 3.6.0	NUMBER	22	Y	Client duration, sec
STA_CUBE_MANAGER_D AY	SUM_SRC_RAW_DURA TION	created in 3.6.0	NUMBER	22	Y	Total client raw duration (in seconds)
STA_CUBE_MANAGER_D AY	SWAP	created in 3.6.0	NUMBER	22	Y	Swap deals flag
STA_CUBE_MANAGER_H OUR	-- Table --	created in 3.6.0				Manager voice analytic hourly cube
STA_CUBE_MANAGER_H OUR	AVG_PDD	created in 3.6.0	NUMBER	22	Y	Average PDD
STA_CUBE_MANAGER_H OUR	CALLED_LATA	created in 3.6.0	NUMBER	22	Y	B-side LATA
STA_CUBE_MANAGER_H OUR	CALLED_OCN	created in 3.6.0	VARCHAR2	4	Y	B-side OCN



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_HOUR	CALLED_STATE	created in 3.6.0	VARCHAR2	2	Y	B-side State
STA_CUBE_MANAGER_HOUR	CALLING_DIAL_CODE	created in 3.6.0	VARCHAR2	256	Y	A-number dial code
STA_CUBE_MANAGER_HOUR	CALLING_LATA	created in 3.6.0	NUMBER	22	Y	A-side LATA
STA_CUBE_MANAGER_HOUR	CALLING_OCN	created in 3.6.0	VARCHAR2	4	Y	A-side OCN
STA_CUBE_MANAGER_HOUR	CALLING_STATE	created in 3.6.0	VARCHAR2	2	Y	A-side State
STA_CUBE_MANAGER_HOUR	CALL_TYPE	created in 3.6.0	NUMBER	22	Y	Call type
STA_CUBE_MANAGER_HOUR	COUNT_ACCOUNTABLE	created in 3.6.0	NUMBER	22	Y	Count of total attempts accountable for PDD calculation
STA_CUBE_MANAGER_HOUR	COUNT_OK	created in 3.6.0	NUMBER	22	Y	Successful calls



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_H OUR	COUNT_RES	created in 3.6.0	NUMBER	22	Y	Attempts with successful code
STA_CUBE_MANAGER_H OUR	COUNT_SHORT	created in 3.6.0	NUMBER	22	Y	Short calls
STA_CUBE_MANAGER_H OUR	COUNT_TOTAL	created in 3.6.0	NUMBER	22	Y	Attempts count
STA_CUBE_MANAGER_H OUR	COUNT_VERY_SHORT	created in 3.6.0	NUMBER	22	Y	Very short calls
STA_CUBE_MANAGER_H OUR	DCHECK	created in 3.6.0	DATE	7	Y	Date
STA_CUBE_MANAGER_H OUR	DST_DIAL_CODE	created in 3.6.0	VARCHAR2	256	Y	Vendor dial code from rates
STA_CUBE_MANAGER_H OUR	DST_POI_ID	created in 3.6.0	NUMBER	22	Y	Vendor POI ID
STA_CUBE_MANAGER_H OUR	DST_RATE_LIST	created in 3.6.0	VARCHAR2	64	Y	3 sample vendor rates



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_HOUR	EXTRA	created in 3.6.0	VARCHAR2	128	Y	Extra field
STA_CUBE_MANAGER_HOUR	EXTRA_CNT	created in 3.6.0	NUMBER	22	Y	CDR count with extra sign
STA_CUBE_MANAGER_HOUR	GROUP_ID	created in 3.6.0	NUMBER	22	Y	Aggregation group ID
STA_CUBE_MANAGER_HOUR	HOST	created in 3.6.0	VARCHAR2	256	Y	Softswitch
STA_CUBE_MANAGER_HOUR	MANAGER_ID	created in 3.6.0	NUMBER	22	Y	Manager ID
STA_CUBE_MANAGER_HOUR	MAX_PDD	created in 3.6.0	NUMBER	22	Y	Maximum PDD
STA_CUBE_MANAGER_HOUR	MIN_PDD	created in 3.6.0	NUMBER	22	Y	Minimum PDD
STA_CUBE_MANAGER_HOUR	RULE_ID	created in 3.6.0	NUMBER	22	Y	Routing rule ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_HOUR	SRC_DIAL_CODE	created in 3.6.0	VARCHAR2	256	Y	Client dial code from rates
STA_CUBE_MANAGER_HOUR	SRC_POI_ID	created in 3.6.0	NUMBER	22	Y	Client POI ID
STA_CUBE_MANAGER_HOUR	SRC_RATE_LIST	created in 3.6.0	VARCHAR2	64	Y	3 sample client rates
STA_CUBE_MANAGER_HOUR	SUM_DST_CHARGE	created in 3.6.0	NUMBER	22	Y	Vendor charge
STA_CUBE_MANAGER_HOUR	SUM_DST_CONN_FEE	created in 3.6.0	NUMBER	22	Y	Sum of vendor connection fees
STA_CUBE_MANAGER_HOUR	SUM_DST_DURATION	created in 3.6.0	NUMBER	22	Y	Vendor duration, sec
STA_CUBE_MANAGER_HOUR	SUM_DST_RAW_DURATION	created in 3.6.0	NUMBER	22	Y	Total vendor raw duration (in seconds)
STA_CUBE_MANAGER_HOUR	SUM_DURATION	created in 3.6.0	NUMBER	22	Y	Raw duration, sec



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_HOUR	SUM_MARGIN	created in 3.6.0	NUMBER	22	Y	Margin
STA_CUBE_MANAGER_HOUR	SUM_SRC_CHARGE	created in 3.6.0	NUMBER	22	Y	Client charge
STA_CUBE_MANAGER_HOUR	SUM_SRC_CONN_FEE	created in 3.6.0	NUMBER	22	Y	Total client connection fee
STA_CUBE_MANAGER_HOUR	SUM_SRC_DURATION	created in 3.6.0	NUMBER	22	Y	Client duration, sec
STA_CUBE_MANAGER_HOUR	SUM_SRC_RAW_DURATION	created in 3.6.0	NUMBER	22	Y	Total client raw duration (in seconds)
STA_CUBE_MANAGER_HOUR	SWAP	created in 3.6.0	NUMBER	22	Y	Swap deals flag
STA_CUBE_MANAGER_INFO_TMP	-- Table --	created in 3.6.0				Manager voice analytic temporary table
STA_CUBE_MANAGER_MIN	-- Table --	created in 3.6.0				Manager voice analytic minute cube



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MIN	AVG_PDD	created in 3.6.0	NUMBER	22	Y	Average PDD
STA_CUBE_MANAGER_MIN	CALLED_LATA	created in 3.6.0	NUMBER	22	Y	B-side LATA
STA_CUBE_MANAGER_MIN	CALLED_OCN	created in 3.6.0	VARCHAR2	4	Y	B-side OCN
STA_CUBE_MANAGER_MIN	CALLED_STATE	created in 3.6.0	VARCHAR2	2	Y	B-side State
STA_CUBE_MANAGER_MIN	CALLING_DIAL_CODE	created in 3.6.0	VARCHAR2	256	Y	A-number dial code
STA_CUBE_MANAGER_MIN	CALLING_LATA	created in 3.6.0	NUMBER	22	Y	A-side LATA
STA_CUBE_MANAGER_MIN	CALLING_OCN	created in 3.6.0	VARCHAR2	4	Y	A-side OCN
STA_CUBE_MANAGER_MIN	CALLING_STATE	created in 3.6.0	VARCHAR2	2	Y	A-side State



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MIN	CALL_TYPE	created in 3.6.0	NUMBER	22	Y	Call type
STA_CUBE_MANAGER_MIN	COUNT_ACCOUNTABLE	created in 3.6.0	NUMBER	22	Y	Count of total attempts accountable for PDD calculation
STA_CUBE_MANAGER_MIN	COUNT_OK	created in 3.6.0	NUMBER	22	Y	Successful calls
STA_CUBE_MANAGER_MIN	COUNT_RES	created in 3.6.0	NUMBER	22	Y	Attempts with successful code
STA_CUBE_MANAGER_MIN	COUNT_SHORT	created in 3.6.0	NUMBER	22	Y	Short calls
STA_CUBE_MANAGER_MIN	COUNT_TOTAL	created in 3.6.0	NUMBER	22	Y	Attempts count
STA_CUBE_MANAGER_MIN	COUNT_VERY_SHORT	created in 3.6.0	NUMBER	22	Y	Very short calls
STA_CUBE_MANAGER_MIN	DCHECK	created in 3.6.0	DATE	7	Y	Date



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MIN	DST_DIAL_CODE	created in 3.6.0	VARCHAR2	256	Y	Vendor dial code from rates
STA_CUBE_MANAGER_MIN	DST_POI_ID	created in 3.6.0	NUMBER	22	Y	Vendor POI ID
STA_CUBE_MANAGER_MIN	DST_RATE_LIST	created in 3.6.0	VARCHAR2	64	Y	3 sample vendor rates
STA_CUBE_MANAGER_MIN	EXTRA	created in 3.6.0	VARCHAR2	128	Y	Extra field
STA_CUBE_MANAGER_MIN	EXTRA_CNT	created in 3.6.0	NUMBER	22	Y	CDR count with extra sign
STA_CUBE_MANAGER_MIN	GROUP_ID	created in 3.6.0	NUMBER	22	Y	Aggregation group ID
STA_CUBE_MANAGER_MIN	HOST	created in 3.6.0	VARCHAR2	256	Y	Softswitch
STA_CUBE_MANAGER_MIN	MANAGER_ID	created in 3.6.0	NUMBER	22	Y	Manager ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MIN	MAX_PDD	created in 3.6.0	NUMBER	22	Y	Maximum PDD
STA_CUBE_MANAGER_MIN	MIN_PDD	created in 3.6.0	NUMBER	22	Y	Minimum PDD
STA_CUBE_MANAGER_MIN	RULE_ID	created in 3.6.0	NUMBER	22	Y	Routing rule ID
STA_CUBE_MANAGER_MIN	SRC_DIAL_CODE	created in 3.6.0	VARCHAR2	256	Y	Client dial code from rates
STA_CUBE_MANAGER_MIN	SRC_POI_ID	created in 3.6.0	NUMBER	22	Y	Client POI ID
STA_CUBE_MANAGER_MIN	SRC_RATE_LIST	created in 3.6.0	VARCHAR2	64	Y	3 sample client rates
STA_CUBE_MANAGER_MIN	SUM_DST_CHARGE	created in 3.6.0	NUMBER	22	Y	Vendor charge
STA_CUBE_MANAGER_MIN	SUM_DST_CONN_FEE	created in 3.6.0	NUMBER	22	Y	Sum of vendor connection fees



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MIN	SUM_DST_DURATION	created in 3.6.0	NUMBER	22	Y	Vendor duration, sec
STA_CUBE_MANAGER_MIN	SUM_DST_RAW_DURATION	created in 3.6.0	NUMBER	22	Y	Total vendor raw duration (in seconds)
STA_CUBE_MANAGER_MIN	SUM_DURATION	created in 3.6.0	NUMBER	22	Y	Raw duration, sec
STA_CUBE_MANAGER_MIN	SUM_MARGIN	created in 3.6.0	NUMBER	22	Y	Margin
STA_CUBE_MANAGER_MIN	SUM_SRC_CHARGE	created in 3.6.0	NUMBER	22	Y	Client charge
STA_CUBE_MANAGER_MIN	SUM_SRC_CONN_FEE	created in 3.6.0	NUMBER	22	Y	Total client connection fee
STA_CUBE_MANAGER_MIN	SUM_SRC_DURATION	created in 3.6.0	NUMBER	22	Y	Client duration, sec
STA_CUBE_MANAGER_MIN	SUM_SRC_RAW_DURATION	created in 3.6.0	NUMBER	22	Y	Total client raw duration (in seconds)



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MIN	SWAP	created in 3.6.0	NUMBER	22	Y	Swap deals flag
STA_CUBE_MANAGER_MONTH	-- Table --	created in 3.6.0				Manager voice analytic monthly cube
STA_CUBE_MANAGER_MONTH	AVG_PDD	created in 3.6.0	NUMBER	22	Y	Average PDD
STA_CUBE_MANAGER_MONTH	CALLED_LATA	created in 3.6.0	NUMBER	22	Y	B-side LATA
STA_CUBE_MANAGER_MONTH	CALLED_OCN	created in 3.6.0	VARCHAR2	4	Y	B-side OCN
STA_CUBE_MANAGER_MONTH	CALLED_STATE	created in 3.6.0	VARCHAR2	2	Y	B-side State
STA_CUBE_MANAGER_MONTH	CALLING_DIAL_CODE	created in 3.6.0	VARCHAR2	256	Y	A-number dial code
STA_CUBE_MANAGER_MONTH	CALLING_LATA	created in 3.6.0	NUMBER	22	Y	A-side LATA



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MONTH	CALLING_OCN	created in 3.6.0	VARCHAR2	4	Y	A-side OCN
STA_CUBE_MANAGER_MONTH	CALLING_STATE	created in 3.6.0	VARCHAR2	2	Y	A-side State
STA_CUBE_MANAGER_MONTH	CALL_TYPE	created in 3.6.0	NUMBER	22	Y	Call type
STA_CUBE_MANAGER_MONTH	COUNT_ACCOUNTABLE	created in 3.6.0	NUMBER	22	Y	Count of total attempts accountable for PDD calculation
STA_CUBE_MANAGER_MONTH	COUNT_OK	created in 3.6.0	NUMBER	22	Y	Successful calls
STA_CUBE_MANAGER_MONTH	COUNT_RES	created in 3.6.0	NUMBER	22	Y	Attempts with successful code
STA_CUBE_MANAGER_MONTH	COUNT_SHORT	created in 3.6.0	NUMBER	22	Y	Short calls
STA_CUBE_MANAGER_MONTH	COUNT_TOTAL	created in 3.6.0	NUMBER	22	Y	Attempts count



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MONTH	COUNT_VERY_SHORT	created in 3.6.0	NUMBER	22	Y	Very short calls
STA_CUBE_MANAGER_MONTH	DCHECK	created in 3.6.0	DATE	7	Y	Date
STA_CUBE_MANAGER_MONTH	DST_DIAL_CODE	created in 3.6.0	VARCHAR2	256	Y	Vendor dial code from rates
STA_CUBE_MANAGER_MONTH	DST_POI_ID	created in 3.6.0	NUMBER	22	Y	Vendor POI ID
STA_CUBE_MANAGER_MONTH	DST_RATE_LIST	created in 3.6.0	VARCHAR2	64	Y	3 sample vendor rates
STA_CUBE_MANAGER_MONTH	EXTRA	created in 3.6.0	VARCHAR2	128	Y	Extra field
STA_CUBE_MANAGER_MONTH	EXTRA_CNT	created in 3.6.0	NUMBER	22	Y	CDR count with extra sign
STA_CUBE_MANAGER_MONTH	GROUP_ID	created in 3.6.0	NUMBER	22	Y	Aggregation group ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MONTH	HOST	created in 3.6.0	VARCHAR2	256	Y	Softswitch
STA_CUBE_MANAGER_MONTH	MANAGER_ID	created in 3.6.0	NUMBER	22	Y	Manager ID
STA_CUBE_MANAGER_MONTH	MAX_PDD	created in 3.6.0	NUMBER	22	Y	Maximum PDD
STA_CUBE_MANAGER_MONTH	MIN_PDD	created in 3.6.0	NUMBER	22	Y	Minimum PDD
STA_CUBE_MANAGER_MONTH	RULE_ID	created in 3.6.0	NUMBER	22	Y	Routing rule ID
STA_CUBE_MANAGER_MONTH	SRC_DIAL_CODE	created in 3.6.0	VARCHAR2	256	Y	Client dial code from rates
STA_CUBE_MANAGER_MONTH	SRC_POI_ID	created in 3.6.0	NUMBER	22	Y	Client POI ID
STA_CUBE_MANAGER_MONTH	SRC_RATE_LIST	created in 3.6.0	VARCHAR2	64	Y	3 sample client rates



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MONTH	SUM_DST_CHARGE	created in 3.6.0	NUMBER	22	Y	Vendor charge
STA_CUBE_MANAGER_MONTH	SUM_DST_CONN_FEE	created in 3.6.0	NUMBER	22	Y	Sum of vendor connection fees
STA_CUBE_MANAGER_MONTH	SUM_DST_DURATION	created in 3.6.0	NUMBER	22	Y	Vendor duration, sec
STA_CUBE_MANAGER_MONTH	SUM_DST_RAW_DURATION	created in 3.6.0	NUMBER	22	Y	Total vendor raw duration (in seconds)
STA_CUBE_MANAGER_MONTH	SUM_DURATION	created in 3.6.0	NUMBER	22	Y	Raw duration, sec
STA_CUBE_MANAGER_MONTH	SUM_MARGIN	created in 3.6.0	NUMBER	22	Y	Margin
STA_CUBE_MANAGER_MONTH	SUM_SRC_CHARGE	created in 3.6.0	NUMBER	22	Y	Client charge
STA_CUBE_MANAGER_MONTH	SUM_SRC_CONN_FEE	created in 3.6.0	NUMBER	22	Y	Total client connection fee



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MONTH	SUM_SRC_DURATION	created in 3.6.0	NUMBER	22	Y	Client duration, sec
STA_CUBE_MANAGER_MONTH	SUM_SRC_RAW_DURATION	created in 3.6.0	NUMBER	22	Y	Total client raw duration (in seconds)
STA_CUBE_MANAGER_MONTH	SWAP	created in 3.6.0	NUMBER	22	Y	Swap deals flag
STA_CUBE_MANAGER_WEEK	-- Table --	created in 3.6.0				Manager voice analytic weekly cube
STA_CUBE_MANAGER_WEEK	AVG_PDD	created in 3.6.0	NUMBER	22	Y	Average PDD
STA_CUBE_MANAGER_WEEK	CALLED_LATA	created in 3.6.0	NUMBER	22	Y	B-side LATA
STA_CUBE_MANAGER_WEEK	CALLED_OCN	created in 3.6.0	VARCHAR2	4	Y	B-side OCN
STA_CUBE_MANAGER_WEEK	CALLED_STATE	created in 3.6.0	VARCHAR2	2	Y	B-side State



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_WEEK	CALLING_DIAL_CODE	created in 3.6.0	VARCHAR2	256	Y	A-number dial code
STA_CUBE_MANAGER_WEEK	CALLING_LATA	created in 3.6.0	NUMBER	22	Y	A-side LATA
STA_CUBE_MANAGER_WEEK	CALLING_OCN	created in 3.6.0	VARCHAR2	4	Y	A-side OCN
STA_CUBE_MANAGER_WEEK	CALLING_STATE	created in 3.6.0	VARCHAR2	2	Y	A-side State
STA_CUBE_MANAGER_WEEK	CALL_TYPE	created in 3.6.0	NUMBER	22	Y	Call type
STA_CUBE_MANAGER_WEEK	COUNT_ACCOUNTABLE	created in 3.6.0	NUMBER	22	Y	Count of total attempts accountable for PDD calculation
STA_CUBE_MANAGER_WEEK	COUNT_OK	created in 3.6.0	NUMBER	22	Y	Successful calls
STA_CUBE_MANAGER_WEEK	COUNT_RES	created in 3.6.0	NUMBER	22	Y	Attempts with successful code



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_WEEK	COUNT_SHORT	created in 3.6.0	NUMBER	22	Y	Short calls
STA_CUBE_MANAGER_WEEK	COUNT_TOTAL	created in 3.6.0	NUMBER	22	Y	Attempts count
STA_CUBE_MANAGER_WEEK	COUNT_VERY_SHORT	created in 3.6.0	NUMBER	22	Y	Very short calls
STA_CUBE_MANAGER_WEEK	DCHECK	created in 3.6.0	DATE	7	Y	Date
STA_CUBE_MANAGER_WEEK	DST_DIAL_CODE	created in 3.6.0	VARCHAR2	256	Y	Vendor dial code from rates
STA_CUBE_MANAGER_WEEK	DST_POI_ID	created in 3.6.0	NUMBER	22	Y	Vendor POI ID
STA_CUBE_MANAGER_WEEK	DST_RATE_LIST	created in 3.6.0	VARCHAR2	64	Y	3 sample vendor rates
STA_CUBE_MANAGER_WEEK	EXTRA	created in 3.6.0	VARCHAR2	128	Y	Extra field



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_WEEK	EXTRA_CNT	created in 3.6.0	NUMBER	22	Y	CDR count with extra sign
STA_CUBE_MANAGER_WEEK	GROUP_ID	created in 3.6.0	NUMBER	22	Y	Aggregation group ID
STA_CUBE_MANAGER_WEEK	HOST	created in 3.6.0	VARCHAR2	256	Y	Softswitch
STA_CUBE_MANAGER_WEEK	MANAGER_ID	created in 3.6.0	NUMBER	22	Y	Manager ID
STA_CUBE_MANAGER_WEEK	MAX_PDD	created in 3.6.0	NUMBER	22	Y	Maximum PDD
STA_CUBE_MANAGER_WEEK	MIN_PDD	created in 3.6.0	NUMBER	22	Y	Minimum PDD
STA_CUBE_MANAGER_WEEK	RULE_ID	created in 3.6.0	NUMBER	22	Y	Routing rule ID
STA_CUBE_MANAGER_WEEK	SRC_DIAL_CODE	created in 3.6.0	VARCHAR2	256	Y	Client dial code from rates



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_WEEK	SRC_POI_ID	created in 3.6.0	NUMBER	22	Y	Client POI ID
STA_CUBE_MANAGER_WEEK	SRC_RATE_LIST	created in 3.6.0	VARCHAR2	64	Y	3 sample client rates
STA_CUBE_MANAGER_WEEK	SUM_DST_CHARGE	created in 3.6.0	NUMBER	22	Y	Vendor charge
STA_CUBE_MANAGER_WEEK	SUM_DST_CONN_FEE	created in 3.6.0	NUMBER	22	Y	Sum of vendor connection fees
STA_CUBE_MANAGER_WEEK	SUM_DST_DURATION	created in 3.6.0	NUMBER	22	Y	Vendor duration, sec
STA_CUBE_MANAGER_WEEK	SUM_DST_RAW_DURATION	created in 3.6.0	NUMBER	22	Y	Total vendor raw duration (in seconds)
STA_CUBE_MANAGER_WEEK	SUM_DURATION	created in 3.6.0	NUMBER	22	Y	Raw duration, sec
STA_CUBE_MANAGER_WEEK	SUM_MARGIN	created in 3.6.0	NUMBER	22	Y	Margin



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_WEEK	SUM_SRC_CHARGE	created in 3.6.0	NUMBER	22	Y	Client charge
STA_CUBE_MANAGER_WEEK	SUM_SRC_CONN_FEE	created in 3.6.0	NUMBER	22	Y	Total client connection fee
STA_CUBE_MANAGER_WEEK	SUM_SRC_DURATION	created in 3.6.0	NUMBER	22	Y	Client duration, sec
STA_CUBE_MANAGER_WEEK	SUM_SRC_RAW_DURATION	created in 3.6.0	NUMBER	22	Y	Total client raw duration (in seconds)
STA_CUBE_MANAGER_WEEK	SWAP	created in 3.6.0	NUMBER	22	Y	Swap deals flag
STA_CUBE_MANAGER_YEAR	-- Table --	created in 3.6.0				Manager voice analytic yearly cube
STA_CUBE_MIN	AVG_PDD	created in 3.6.0	NUMBER	22	Y	Average PDD
STA_CUBE_MIN	CALLED_LATA	created in 3.6.0	NUMBER	22	Y	B-side LATA Flag: 1 - present in aggregation, 0 not



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MIN	CALLED_OCN	created in 3.6.0	VARCHAR2	4	Y	B-side OCN Flag: 1 - present in aggregation, 0 not
STA_CUBE_MIN	CALLED_STATE	created in 3.6.0	VARCHAR2	2	Y	Flag: 1 - B-side Start present in aggregation, 0 - not
STA_CUBE_MIN	CALLING_DIAL_CODE	created in 3.6.0	VARCHAR2	256	Y	A-number dial code
STA_CUBE_MIN	CALLING_LATA	created in 3.6.0	NUMBER	22	Y	A-side LATA Flag: 1 - present in aggregation, 0 not
STA_CUBE_MIN	CALLING_OCN	created in 3.6.0	VARCHAR2	4	Y	Flag: 1 - A-side OCN present in aggregation, 0 not
STA_CUBE_MIN	CALLING_STATE	created in 3.6.0	VARCHAR2	2	Y	A-side State Flag: 1 - present in aggregation, 0 not



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MIN	CALL_TYPE	created in 3.6.0	NUMBER	22	Y	Call type
STA_CUBE_MIN	COUNT_OK	created in 3.6.0	NUMBER	22	Y	Total successful attempts
STA_CUBE_MIN	COUNT_RES	created in 3.6.0	NUMBER	22	Y	Successful attempts count
STA_CUBE_MIN	COUNT_SHORT	created in 3.6.0	NUMBER	22	Y	Short calls count
STA_CUBE_MIN	COUNT_TOTAL	created in 3.6.0	NUMBER	22	Y	Total count
STA_CUBE_MIN	COUNT_VERY_SHORT	created in 3.6.0	NUMBER	22	Y	Very short calls count
STA_CUBE_MIN	DCHECK	created in 3.6.0	DATE	7	Y	Date Last updated day check date of charging Cube
STA_CUBE_MIN	DST_DIAL_CODE	created in 3.6.0	VARCHAR2	256	Y	Vendor dial code
STA_CUBE_MIN	DST_POI_ID	created in 3.6.0	NUMBER	22	Y	Vendor POI ID
STA_CUBE_MIN	DST_RATE_LIST	created in 3.6.0	VARCHAR2	64	Y	3 sample vendor rates Vendor rate list



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MIN	EXTRA_CNT	created in 3.6.0	NUMBER	22	Y	CDR count with extra sign
STA_CUBE_MIN	GROUP_ID	created in 3.6.0	NUMBER	22	Y	Group ID
STA_CUBE_MIN	HOST	created in 3.6.0	VARCHAR2	256	Y	Softswitch Flag: 1 - present in aggregation, 0 not
STA_CUBE_MIN	MAX_PDD	created in 3.6.0	NUMBER	22	Y	Maximum PDD
STA_CUBE_MIN	MIN_PDD	created in 3.6.0	NUMBER	22	Y	Minimum PDD
STA_CUBE_MIN	SRC_DIAL_CODE	created in 3.6.0	VARCHAR2	256	Y	Client dial code
STA_CUBE_MIN	SRC_POI_ID	created in 3.6.0	NUMBER	22	Y	Client POI ID
STA_CUBE_MIN	SRC_RATE_LIST	created in 3.6.0	VARCHAR2	64	Y	3 sample client rates Client rate list
STA_CUBE_MIN	SUM_DST_CHARGE	created in 3.6.0	NUMBER	22	Y	Total vendor cost in currency 1 Vendor charge



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MIN	SUM_DST_CONN_FEE	created in 3.6.0	NUMBER	22	Y	Sum of vendor connection fees
STA_CUBE_MIN	SUM_DST_DURATION	created in 3.6.0	NUMBER	22	Y	Vendor duration, sec
STA_CUBE_MIN	SUM_DURATION	created in 3.6.0	NUMBER	22	Y	Raw duration, sec
STA_CUBE_MIN	SUM_MARGIN	created in 3.6.0	NUMBER	22	Y	Margin Total margin in currency 1
STA_CUBE_MIN	SUM_SRC_CHARGE	created in 3.6.0	NUMBER	22	Y	Client charge Total client revenue in currency 1
STA_CUBE_MIN	SUM_SRC_DURATION	created in 3.6.0	NUMBER	22	Y	Client duration, sec
STA_CUBE_MONTH	AVG_PDD	created in 3.6.0	NUMBER	22	Y	Average PDD
STA_CUBE_MONTH	CALLED_LATA	created in 3.6.0	NUMBER	22	Y	B-side LATA Flag: 1 - present in aggregation, 0 not



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MONTH	CALLED_OCN	created in 3.6.0	VARCHAR2	4	Y	B-side OCN Flag: 1 - present in aggregation, 0 not
STA_CUBE_MONTH	CALLED_STATE	created in 3.6.0	VARCHAR2	2	Y	Flag: 1 - B-side Start present in aggregation, 0 - not
STA_CUBE_MONTH	CALLING_DIAL_CODE	created in 3.6.0	VARCHAR2	256	Y	A-number dial code
STA_CUBE_MONTH	CALLING_LATA	created in 3.6.0	NUMBER	22	Y	A-side LATA Flag: 1 - present in aggregation, 0 not
STA_CUBE_MONTH	CALLING_OCN	created in 3.6.0	VARCHAR2	4	Y	Flag: 1 - A-side OCN present in aggregation, 0 not
STA_CUBE_MONTH	CALLING_STATE	created in 3.6.0	VARCHAR2	2	Y	A-side State Flag: 1 - present in aggregation, 0 not



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MONTH	CALL_TYPE	created in 3.6.0	NUMBER	22	Y	Call type
STA_CUBE_MONTH	COUNT_ACCOUNTABLE	created in 3.6.0	NUMBER	22	Y	Count of total attempts accountable for PDD calculation
STA_CUBE_MONTH	COUNT_OK	created in 3.6.0	NUMBER	22	Y	Total successful attempts
STA_CUBE_MONTH	COUNT_RES	created in 3.6.0	NUMBER	22	Y	Successful attempts count
STA_CUBE_MONTH	COUNT_SHORT	created in 3.6.0	NUMBER	22	Y	Short calls count
STA_CUBE_MONTH	COUNT_TOTAL	created in 3.6.0	NUMBER	22	Y	Total count
STA_CUBE_MONTH	COUNT_VERY_SHORT	created in 3.6.0	NUMBER	22	Y	Very short calls count
STA_CUBE_MONTH	DCHECK	created in 3.6.0	DATE	7	Y	Date Last updated day check date of charging Cube
STA_CUBE_MONTH	DST_DIAL_CODE	created in 3.6.0	VARCHAR2	256	Y	Vendor dial code



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MONTH	DST_POI_ID	created in 3.6.0	NUMBER	22	Y	Vendor POI ID
STA_CUBE_MONTH	DST_RATE_LIST	created in 3.6.0	VARCHAR2	64	Y	3 sample vendor rates Vendor rate list
STA_CUBE_MONTH	EXTRA	created in 3.6.0	VARCHAR2	128	Y	Extra field
STA_CUBE_MONTH	EXTRA_CNT	created in 3.6.0	NUMBER	22	Y	CDR count with extra sign
STA_CUBE_MONTH	GROUP_ID	created in 3.6.0	NUMBER	22	Y	Group ID
STA_CUBE_MONTH	HOST	created in 3.6.0	VARCHAR2	256	Y	Softswitch Flag: 1 - present in aggregation, 0 not
STA_CUBE_MONTH	MAX_PDD	created in 3.6.0	NUMBER	22	Y	Maximum PDD
STA_CUBE_MONTH	MIN_PDD	created in 3.6.0	NUMBER	22	Y	Minimum PDD
STA_CUBE_MONTH	RULE_ID	created in 3.6.0	NUMBER	22	Y	Routing rule ID
STA_CUBE_MONTH	SRC_DIAL_CODE	created in 3.6.0	VARCHAR2	256	Y	Client dial code



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MONTH	SRC_POI_ID	created in 3.6.0	NUMBER	22	Y	Client POI ID
STA_CUBE_MONTH	SRC_RATE_LIST	created in 3.6.0	VARCHAR2	64	Y	3 sample client rates Client rate list
STA_CUBE_MONTH	SUM_DST_CHARGE	created in 3.6.0	NUMBER	22	Y	Total vendor cost in currency 1 Vendor charge
STA_CUBE_MONTH	SUM_DST_CONN_FEE	created in 3.6.0	NUMBER	22	Y	Sum of vendor connection fees
STA_CUBE_MONTH	SUM_DST_DURATION	created in 3.6.0	NUMBER	22	Y	Vendor duration, sec
STA_CUBE_MONTH	SUM_DST_RAW_DURATION	created in 3.6.0	NUMBER	22	Y	Total vendor raw duration (in seconds)
STA_CUBE_MONTH	SUM_DURATION	created in 3.6.0	NUMBER	22	Y	Raw duration, sec
STA_CUBE_MONTH	SUM_MARGIN	created in 3.6.0	NUMBER	22	Y	Margin Total margin in currency 1
STA_CUBE_MONTH	SUM_SRC_CHARGE	created in 3.6.0	NUMBER	22	Y	Client charge Total client revenue in currency 1



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MONTH	SUM_SRC_CONN_FEE	created in 3.6.0	NUMBER	22	Y	Total client connection fee
STA_CUBE_MONTH	SUM_SRC_DURATION	created in 3.6.0	NUMBER	22	Y	Client duration, sec
STA_CUBE_MONTH	SUM_SRC_RAW_DURATION	created in 3.6.0	NUMBER	22	Y	Total client raw duration (in seconds)
STA_CUBE_MONTH	SWAP	created in 3.6.0	NUMBER	22	Y	Swap deals flag
STA_CUBE_REPORT_TMP	-- Table --	created in 3.6.0				Temporary table for voice analytic
STA_CUBE_STATS_PARAMS	-- Table --	created in 3.6.0				Voice analytic internal table
STA_CUBE_STATS_PARAMS	CUBE_STATS_ID	created in 3.6.0	RAW	32	N	ID
STA_CUBE_STATS_PARAMS	PARAM_NAME	created in 3.6.0	VARCHAR2	4000	Y	Parameter name
STA_CUBE_STATS_PARAMS	PARAM_VALUE	created in 3.6.0	VARCHAR2	4000	Y	Parameter value



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_WEEK	CALLED_LATA	changed in 3.6.0	NUMBER	22	Y	B-side LATA
STA_CUBE_WEEK	CALLED_OCN	changed in 3.6.0	VARCHAR2	4	Y	B-side OCN
STA_CUBE_WEEK	CALLED_STATE	changed in 3.6.0	VARCHAR2	2	Y	B-side State
STA_CUBE_WEEK	CALLING_LATA	changed in 3.6.0	NUMBER	22	Y	A-side LATA
STA_CUBE_WEEK	CALLING_OCN	changed in 3.6.0	VARCHAR2	4	Y	A-side OCN
STA_CUBE_WEEK	CALLING_STATE	changed in 3.6.0	VARCHAR2	2	Y	A-side State
STA_CUBE_WEEK	CALL_TYPE	created in 3.6.0	NUMBER	22	Y	Call type
STA_CUBE_WEEK	COUNT_OK	changed in 3.6.0	NUMBER	22	Y	Successful calls
STA_CUBE_WEEK	COUNT_RES	changed in 3.6.0	NUMBER	22	Y	Attempts with successful code
STA_CUBE_WEEK	COUNT_SHORT	changed in 3.6.0	NUMBER	22	Y	Short calls
STA_CUBE_WEEK	COUNT_TOTAL	changed in 3.6.0	NUMBER	22	Y	Attempts count



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_WEEK	COUNT_VERY_SHORT	changed in 3.6.0	NUMBER	22	Y	Very short calls
STA_CUBE_WEEK	DCHECK	changed in 3.6.0	DATE	7	Y	Date
STA_CUBE_WEEK	DST_DIAL_CODE	changed in 3.6.0	VARCHAR2	256	Y	Vendor dial code from rates
STA_CUBE_WEEK	DST_RATE_LIST	changed in 3.6.0	VARCHAR2	64	Y	3 sample vendor rates
STA_CUBE_WEEK	GROUP_ID	changed in 3.6.0	NUMBER	22	Y	Aggregation group ID
STA_CUBE_WEEK	HOST	changed in 3.6.0	VARCHAR2	256	Y	Softswitch
STA_CUBE_WEEK	SRC_DIAL_CODE	changed in 3.6.0	VARCHAR2	256	Y	Client dial code from rates
STA_CUBE_WEEK	SRC_RATE_LIST	changed in 3.6.0	VARCHAR2	64	Y	3 sample client rates
STA_CUBE_WEEK	SUM_DST_CHARGE	changed in 3.6.0	NUMBER	22	Y	Vendor charge
STA_CUBE_WEEK	SUM_DST_CONN_FEE	created in 3.6.0	NUMBER	22	Y	Sum of vendor connection fees



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_WEEK	SUM_MARGIN	changed in 3.6.0	NUMBER	22	Y	Margin
STA_CUBE_WEEK	SUM_SRC_CHARGE	changed in 3.6.0	NUMBER	22	Y	Client charge
STA_EXP_DATA	CDR_DST_ANI_DIAL_CODE	created in 3.6.0	VARCHAR2	16	Y	Vendor origin dial code
STA_EXP_DATA	CDR_DST_DESTINATION	created in 3.6.0	VARCHAR2	2000	Y	Cdr vendor destination
STA_EXP_DATA	CDR_LIM_RULE_ID	created in 3.6.0	NUMBER	22	Y	Limitation rule ID,
STA_EXP_DATA	CDR_SRC_ANI_DIAL_CODE	created in 3.6.0	VARCHAR2	16	Y	Client origin dial code
STA_EXP_DATA	CDR_SRC_DESTINATION	created in 3.6.0	VARCHAR2	2000	Y	Cdr client destination
STA_EXP_DATA	CDR_TEN_DIGIT_US	created in 3.6.0	NUMBER	22	Y	Treat 10-digit A-number as US (for DID only now)
STA_FIN_DETAIL	CONN_FEE3	changed in 3.6.0	NUMBER	22	Y	Connection fee in currency 3



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_FIN_DETAIL_DAY	CONN_FEE3	changed in 3.6.0	NUMBER	22	Y	Connection fee in currency 3
STA_PART_STATE	AUX	created in 3.6.0	NUMBER	22	Y	Aux
STA_PROD_DIAL_CODE_P AIRS_TMP	-- Table --	created in 3.6.0				Temporary table for voice reraiting
STA_PROD_DIAL_CODE_T MP	-- Table --	created in 3.6.0				Temporary table for voice reraiting
STA_RAW	CDR_CALL_TYPE	created in 3.6.0	NUMBER	22	Y	Cdr call type
STA_RAW	CDR_EXTRA_JSON	created in 3.6.0	VARCHAR2	4000	Y	Cdr extra json
STA_RAW	CDR_LIM_RULE_ID	created in 3.6.0	NUMBER	22	Y	Limitation rule ID
STA_RAW_ARCHIVE	-- Table --	changed in 3.6.0				Voice CDR archive
STA_RAW_ARCHIVE	CDR_CALL_TYPE	created in 3.6.0	NUMBER	22	Y	Cdr call type
STA_RAW_ARCHIVE	CDR_EXTRA_JSON	created in 3.6.0	VARCHAR2	4000	Y	Cdr extra json



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_RAW_ARCHIVE	CDR_LIM_RULE_ID	created in 3.6.0	NUMBER	22	Y	Limitation rule ID
STA_RAW_ARCHIVE	CDR_TEN_DIGIT_US	created in 3.6.0	NUMBER	22	Y	Treat 10-digit A-number as US (for DID only now)
STA_RAW_ERROR_LOG	-- Table --	deleted in 3.6.0				DML Error Logging table for "STA_RAW"
STA_RAW_ERROR_LOG	CDR_ATTEMPT	deleted in 3.6.0	VARCHAR2	4000	Y	Attempt number
STA_RAW_ERROR_LOG	CDR_CALLED	deleted in 3.6.0	VARCHAR2	4000	Y	Client B number (e.164)
STA_RAW_ERROR_LOG	CDR_CALL_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Call ID
STA_RAW_ERROR_LOG	CDR_CONF_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Conference call id
STA_RAW_ERROR_LOG	CDR_CONNECT_TIME	deleted in 3.6.0	VARCHAR2	4000	Y	Connect time
STA_RAW_ERROR_LOG	CDR_CREATE_DATE	deleted in 3.6.0	VARCHAR2	4000	Y	CDR arrival date
STA_RAW_ERROR_LOG	CDR_DC	deleted in 3.6.0	VARCHAR2	4000	Y	Disconnect code (Q.931, SIP)



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_RAW_ERROR_LOG	CDR_DIAL_CODE	deleted in 3.6.0	VARCHAR2	4000	Y	Destination dial code (from system reference book)
STA_RAW_ERROR_LOG	CDR_DISCONNECT_TIME	deleted in 3.6.0	VARCHAR2	4000	Y	Disconnect time
STA_RAW_ERROR_LOG	CDR_DST_BILL_INC_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Vendor billing increment id
STA_RAW_ERROR_LOG	CDR_DST_BLOCK	deleted in 3.6.0	VARCHAR2	4000	Y	Called Block ID
STA_RAW_ERROR_LOG	CDR_DST_CALLED	deleted in 3.6.0	VARCHAR2	4000	Y	B number (vendor leg)
STA_RAW_ERROR_LOG	CDR_DST_CALLING	deleted in 3.6.0	VARCHAR2	4000	Y	A number (vendor leg)
STA_RAW_ERROR_LOG	CDR_DST_CONN_FEE	deleted in 3.6.0	VARCHAR2	4000	Y	Connection fee (vendor)
STA_RAW_ERROR_LOG	CDR_DST_COST	deleted in 3.6.0	VARCHAR2	4000	Y	Vendor cost
STA_RAW_ERROR_LOG	CDR_DST_CURRENCY_CODE	deleted in 3.6.0	VARCHAR2	4000	Y	Vendor currency code
STA_RAW_ERROR_LOG	CDR_DST_DIAL_CODE	deleted in 3.6.0	VARCHAR2	4000	Y	Vendor dial code



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_RAW_ERROR_LOG	CDR_DST_DURATION	deleted in 3.6.0	VARCHAR2	4000	Y	Call duration (for vendor)
STA_RAW_ERROR_LOG	CDR_DST_E164_CALLED	deleted in 3.6.0	VARCHAR2	4000	Y	Vendor e.164 B-number
STA_RAW_ERROR_LOG	CDR_DST_IP	deleted in 3.6.0	VARCHAR2	4000	Y	Vendor IP address
STA_RAW_ERROR_LOG	CDR_DST_LATA	deleted in 3.6.0	VARCHAR2	4000	Y	Called LATA
STA_RAW_ERROR_LOG	CDR_DST_LRN	deleted in 3.6.0	VARCHAR2	4000	Y	Called LRN
STA_RAW_ERROR_LOG	CDR_DST_NPA	deleted in 3.6.0	VARCHAR2	4000	Y	Called NPA
STA_RAW_ERROR_LOG	CDR_DST_NXX	deleted in 3.6.0	VARCHAR2	4000	Y	Called NXX
STA_RAW_ERROR_LOG	CDR_DST_OCN	deleted in 3.6.0	VARCHAR2	4000	Y	Called OCN
STA_RAW_ERROR_LOG	CDR_DST_POI_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Vendor POI id
STA_RAW_ERROR_LOG	CDR_DST_PRODUCT_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Vendor product id



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_RAW_ERROR_LOG	CDR_DST_RATE	deleted in 3.6.0	VARCHAR2	4000	Y	Vendor rate
STA_RAW_ERROR_LOG	CDR_DST_RATE_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Vendor rate id
STA_RAW_ERROR_LOG	CDR_DST_RAW_DURATION	deleted in 3.6.0	VARCHAR2	4000	Y	Raw call duration (for vendor)
STA_RAW_ERROR_LOG	CDR_DST_STATE	deleted in 3.6.0	VARCHAR2	4000	Y	Called State
STA_RAW_ERROR_LOG	CDR_DST_SWITCH	deleted in 3.6.0	VARCHAR2	4000	Y	Outgoing switch host
STA_RAW_ERROR_LOG	CDR_DST_TRUNK_CODE	deleted in 3.6.0	VARCHAR2	4000	Y	Vendor trunk code
STA_RAW_ERROR_LOG	CDR_DURATION	deleted in 3.6.0	VARCHAR2	4000	Y	Call duration
STA_RAW_ERROR_LOG	CDR_EXTRA	deleted in 3.6.0	VARCHAR2	4000	Y	CDR extra field
STA_RAW_ERROR_LOG	CDR_FILE_IDX	deleted in 3.6.0	VARCHAR2	4000	Y	Source file index
STA_RAW_ERROR_LOG	CDR_HOST	deleted in 3.6.0	VARCHAR2	4000	Y	Switch host



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_RAW_ERROR_LOG	CDR_ID	deleted in 3.6.0	VARCHAR2	4000	Y	CDR ID
STA_RAW_ERROR_LOG	CDR_IS_LAST	deleted in 3.6.0	VARCHAR2	4000	Y	CDR is last
STA_RAW_ERROR_LOG	CDR_LAST_REBILL_DATE	deleted in 3.6.0	VARCHAR2	4000	Y	Last rebill date
STA_RAW_ERROR_LOG	CDR_PDD	deleted in 3.6.0	VARCHAR2	4000	Y	PDD
STA_RAW_ERROR_LOG	CDR_RULE_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Routing rule ID
STA_RAW_ERROR_LOG	CDR_SETUP_TIME	deleted in 3.6.0	VARCHAR2	4000	Y	Setup time
STA_RAW_ERROR_LOG	CDR_SRC_BILL_INC_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Client billing increment id
STA_RAW_ERROR_LOG	CDR_SRC_BLOCK	deleted in 3.6.0	VARCHAR2	4000	Y	Calling Block ID
STA_RAW_ERROR_LOG	CDR_SRC_CALLED	deleted in 3.6.0	VARCHAR2	4000	Y	B number (client leg)
STA_RAW_ERROR_LOG	CDR_SRC_CALLING	deleted in 3.6.0	VARCHAR2	4000	Y	A number (client leg)
STA_RAW_ERROR_LOG	CDR_SRC_CONN_FEE	deleted in 3.6.0	VARCHAR2	4000	Y	Connection fee (client)



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_RAW_ERROR_LOG	CDR_SRC_COST	deleted in 3.6.0	VARCHAR2	4000	Y	Client cost
STA_RAW_ERROR_LOG	CDR_SRC_CURRENCY_CODE	deleted in 3.6.0	VARCHAR2	4000	Y	Client currency code
STA_RAW_ERROR_LOG	CDR_SRC_DIAL_CODE	deleted in 3.6.0	VARCHAR2	4000	Y	Client dial code
STA_RAW_ERROR_LOG	CDR_SRC_DURATION	deleted in 3.6.0	VARCHAR2	4000	Y	Call duration (for client)
STA_RAW_ERROR_LOG	CDR_SRC_IP	deleted in 3.6.0	VARCHAR2	4000	Y	Client IP address
STA_RAW_ERROR_LOG	CDR_SRC_LATA	deleted in 3.6.0	VARCHAR2	4000	Y	Calling LATA
STA_RAW_ERROR_LOG	CDR_SRC_LRN	deleted in 3.6.0	VARCHAR2	4000	Y	Calling LRN
STA_RAW_ERROR_LOG	CDR_SRC_NPA	deleted in 3.6.0	VARCHAR2	4000	Y	Calling NPA
STA_RAW_ERROR_LOG	CDR_SRC_NXX	deleted in 3.6.0	VARCHAR2	4000	Y	Calling NXX
STA_RAW_ERROR_LOG	CDR_SRC_OCN	deleted in 3.6.0	VARCHAR2	4000	Y	Calling OCN
STA_RAW_ERROR_LOG	CDR_SRC_POI_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Client POI id



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_RAW_ERROR_LOG	CDR_SRC_PRODUCT_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Client product id
STA_RAW_ERROR_LOG	CDR_SRC_RATE	deleted in 3.6.0	VARCHAR2	4000	Y	Client rate
STA_RAW_ERROR_LOG	CDR_SRC_RATE_ID	deleted in 3.6.0	VARCHAR2	4000	Y	Client rate id
STA_RAW_ERROR_LOG	CDR_SRC_RAW_DURATION	deleted in 3.6.0	VARCHAR2	4000	Y	Client raw duration
STA_RAW_ERROR_LOG	CDR_SRC_STATE	deleted in 3.6.0	VARCHAR2	4000	Y	Calling State
STA_RAW_ERROR_LOG	CDR_SRC_TRUNK_CODE	deleted in 3.6.0	VARCHAR2	4000	Y	Client trunk code
STA_RAW_ERROR_LOG	CDR_TIME	deleted in 3.6.0	VARCHAR2	4000	Y	Connect/disconnect time
STA_RAW_ERROR_LOG	ORA_ERR_MESG\$	deleted in 3.6.0	VARCHAR2	2000	Y	ORA error message
STA_RAW_ERROR_LOG	ORA_ERR_NUMBER\$	deleted in 3.6.0	NUMBER	22	Y	ORA error number
STA_RAW_ERROR_LOG	ORA_ERR_OPTYP\$	deleted in 3.6.0	VARCHAR2	2	Y	ORA error type



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_RAW_ERROR_LOG	ORA_ERR_ROWID\$	deleted in 3.6.0	UROWID	4000	Y	ORA error rowid
STA_RAW_ERROR_LOG	ORA_ERR_TAG\$	deleted in 3.6.0	VARCHAR2	2000	Y	ORA error tag
STA_RERATE_STAT	JOB_NAME	created in 3.6.0	VARCHAR2	30	Y	Rerating job name (scheduled or completed)
SWAP_ALERT_THRESHOLD_TMP	-- Table --	created in 3.6.0				Swap deals 2.0 alert temporary table
SWAP_DEAL	RATING_ALERT	created in 3.6.0	VARCHAR2	1	Y	Change threshold alert flag (1 - on, 0 - off)
SWAP_GROUP_PERIOD	ALERTED_RATE_NO	created in 3.6.0	NUMBER	22	Y	Alerted threshold number
TRD_BLEND	BLEND_ASR_K	changed in 3.6.0	NUMBER	22	Y	ASR coefficient
TRD_SWAP	FORECAST_CALC_DAYS	created in 3.6.0	NUMBER	22	Y	Dys of average traffic value
VBD_DEAL	DEAL_BILL_INC_ID	changed in 3.6.0	NUMBER	22	N	Billing Increment ID
VPD_ACCOUNT	-- Table --	created in 3.6.0				VPD-access to account



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
VPD_ACCOUNT	ACCESS_MASK	created in 3.6.0	NUMBER	22	N	Access mask
VPD_ACCOUNT	ACC_ID	created in 3.6.0	NUMBER	22	N	Account ID account id
VPD_ACCOUNT	USER_ID	created in 3.6.0	NUMBER	22	N	User numeric ID (primary key) Manager User-creator
VPD_CARRIER	-- Table --	created in 3.6.0				VPD-access to carrier
VPD_CARRIER	ACCESS_MASK	created in 3.6.0	NUMBER	22	N	Access mask
VPD_CARRIER	CAR_ID	created in 3.6.0	NUMBER	22	N	Carrier ID Alert group carrier
VPD_CARRIER	USER_ID	created in 3.6.0	NUMBER	22	N	User numeric ID (primary key) Manager User-creator
VPD_CONTRACT_COMPANY	-- Table --	created in 3.6.0				VPD-access to contract company
VPD_CONTRACT_COMPANY	ACCESS_MASK	created in 3.6.0	NUMBER	22	N	Access mask



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
VPD_CONTRACT_COMPANY	CC_ID	created in 3.6.0	NUMBER	22	N	Contract company ID id contract
VPD_CONTRACT_COMPANY	USER_ID	created in 3.6.0	NUMBER	22	N	User numeric ID (primary key) Manager User-creator
VPD_OBJ_MAPPING	-- Table --	created in 3.6.0				VPD mapping
VPD_OBJ_MAPPING	OBJECT_NAME	created in 3.6.0	VARCHAR2	128	N	Object name
VPD_OBJ_MAPPING	ORIG_OBJECT	created in 3.6.0	VARCHAR2	128	N	Original object name
VPD_OBJ_MAPPING	ORIG_OBJECT_SCHEMA	created in 3.6.0	VARCHAR2	128	N	Original object schema
VPD_OBJ_MAPPING	ORIG_OBJECT_TYPE	created in 3.6.0	VARCHAR2	128	Y	Original object type
VPD_POI	-- Table --	created in 3.6.0				VPD-access to POI
VPD_POI	ACCESS_MASK	created in 3.6.0	NUMBER	22	N	Access mask



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
VPD_POI	POI_ID	created in 3.6.0	NUMBER	22	N	POI ID (primary key) ORA error rowid Client
VPD_POI	USER_ID	created in 3.6.0	NUMBER	22	N	User numeric ID (primary key) Manager User-creator
VPD_POLICIES	-- Table --	created in 3.6.0				VPD policies
VPD_POLICIES	CHK_OPTION	created in 3.6.0	VARCHAR2	3	N	Check option
VPD_POLICIES	DEL	created in 3.6.0	VARCHAR2	3	N	Delete flag
VPD_POLICIES	ENABLED	created in 3.6.0	VARCHAR2	3	N	Enabled/Disabled
VPD_POLICIES	INS	created in 3.6.0	VARCHAR2	3	N	Insert flag
VPD_POLICIES	OBJECT_NAME	created in 3.6.0	VARCHAR2	128	N	Object name
VPD_POLICIES	POLICY_FUNCTION	created in 3.6.0	VARCHAR2	128	N	Policy function
VPD_POLICIES	POLICY_NAME	created in 3.6.0	VARCHAR2	128	N	Policy name



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
VPD_POLICIES	SEC_RELEVANT_COLS	created in 3.6.0	VARCHAR2	4000	Y	Columns
VPD_POLICIES	SEL	created in 3.6.0	VARCHAR2	3	N	Select flag
VPD_POLICIES	STATUS	created in 3.6.0	VARCHAR2	1	N	Status
VPD_POLICIES	UPD	created in 3.6.0	VARCHAR2	3	N	Update flag
VPD_PRODUCT	-- Table --	created in 3.6.0				VPD-access to product
VPD_PRODUCT	ACCESS_MASK	created in 3.6.0	NUMBER	22	N	Access mask
VPD_PRODUCT	PRODUCT_ID	created in 3.6.0	NUMBER	22	N	Product ID
VPD_PRODUCT	USER_ID	created in 3.6.0	NUMBER	22	N	User numeric ID (primary key) Manager User-creator
VPD_SMS_POI	-- Table --	created in 3.6.0				VPD-access to SMS POI
VPD_SMS_POI	ACCESS_MASK	created in 3.6.0	NUMBER	22	N	Access mask



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
VPD_SMS_POI	POI_ID	created in 3.6.0	NUMBER	22	N	POI ID (primary key) ORA error rowid Client
VPD_SMS_POI	USER_ID	created in 3.6.0	NUMBER	22	N	User numeric ID (primary key) Manager User-creator



REST API changes

## 5 REST API changes

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
GET:auth	ip	changed in 3.6.0	Authorization	1	Allowed IP (0.0.0.0/0 - requires trust all addresses)	0	0	string	query		
POST:black_list	tag_id	changed in 3.6.0	Add new record to black list	1	tag ID	0	0	integer	body		
PUT:param/{id}	id	deleted in 3.6.0	Update system parameter	1	Parameter ID	0	1	string	path		
PUT:param/{id}	rows_affected	deleted in 3.6.0	Update system parameter	1	Number of rows affected by the method	1	1	integer	body		
PUT:param/{id}	value	deleted in 3.6.0	Update system parameter	1	Parameter value	0	1	string	query		



REST API changes

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
POST:register_user	portal	created in 3.6.0	Register new user	0	portal	0	0	string	body		{ "type": "list", "values": ["partner"] }
GET:send_sms	dnis	deleted in 3.6.0	Send SMS	1	B-number	1	0	string	body		
GET:send_sms	message_text	created in 3.6.0	Send SMS	1	Message text	1	0	string	body		
GET:send_sms	segment_num	deleted in 3.6.0	Send SMS	1	Segment number (for splitted SMS)	1	0	integer	body		
POST:send_sms	dnis	deleted in 3.6.0	Send SMS	1	B-number	1	0	string	body		
POST:send_sms	message_text	created in 3.6.0	Send SMS	1	Message text	1	0	string	body		
POST:send_sms	segment_num	deleted in 3.6.0	Send SMS	1	Segment number (for splitted SMS)	1	0	integer	body		



REST API changes

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
GET:sms_campaign	keyword	deleted in 3.6.0	Get campaign list	1	Campaign keyword	1	0	string	body	20	
POST:sms_campaign	keyword	deleted in 3.6.0	Create new campaign	1	Campaign keyword	0	0	string	body		
GET:sms_campaign/{id}	keyword	deleted in 3.6.0	Get specific campaign	1	Campaign keyword	1	0	string	body		
PUT:sms_campaign/{id}	keyword	deleted in 3.6.0	Update sms campaign	1	Campaign keyword	0	0	string	body		
PUT:sms_channel/{id}	bind_status	deleted in 3.6.0	Update specific sms channel	1	Bind status	0	0	integer	body	20	{"type":"list", "values":[0,1,2]}



REST API changes

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
PUT:sms_channel/{id}	sigtran_smsc	deleted in 3.6.0	Update specific sms channel	1	Sigtran SMSC	0	0	integer	body	20	{"type":"list", "values":[0,1]}
DELETE:token/{id}	id	created in 3.6.0	Delete token	1	Token ID	0	1	integer	path		
DELETE:token/{id}	rows_affected	created in 3.6.0	Delete token	1	Number of rows affected by the method	1	1	integer	body		
POST:voice_poi	voip_poi_rtp_type	created in 3.6.0	Add new POI	1	RTP type	0	0	string	body		{"type":"list", "values":["1","2","0"]}
PUT:voice_poi/{id}	voip_poi_rtp_type	created in 3.6.0	Update POI	1	RTP type	0	0	string	body		{"type":"list", "values":["1","2","0"]}