

Alaris inVoice

Release notes

version 3.8.0

Copyright © 2005 - 2026 Alarislabs Pte Ltd.
All rights reserved.

The information contained in this document is the property of Alarislabs Pte Ltd. No part of this publication may be reproduced or copied in any form or by any means - graphic, electronic or mechanical including photocopying, recording, taping, or any other information storage and retrieval System - without written consent of Alarislabs Pte Ltd. No third party, organization or individual, is authorized to grant such permission.

The information provided in these Release Notes is for general information purposes only. While we strive to ensure accuracy and completeness, the contents may not reflect the most current updates or include all recent changes. Features, fixes, and improvements are subject to modification without notice. For the most up-to-date and comprehensive information, please contact the Alaris technical support team.

1 Enhancements

General

- The new Partner Portal has been implemented. This is a new generation of the Wholesale Portal that serves for viewing and uploading statistics, financial documents, adding and monitoring Points of Interconnection (POIs), including the POI state. Starting with this version, the domain name for the Wholesale Portal will be automatically redirected to the new Partner Portal. The Partner Portal also enables the following new functionality:
 - account statistics viewing
 - improved balance top-up tips
 - more flexible toggling of menu items
 - easy customization
 - support for new payment systems, as well as displaying only configured payment systems for users
- The *Campaign Portal user administration* permission has been renamed to *Portals user administration* as it affects all portals.
- The *Receive balance/credit alerts* field (similar to the System parameter *Credit and balance alarms default email (null - do not use it)*) has been added to the *Contract companies* reference book. Possible values include:
 - *All carriers* - send balance and credit alarms on all partners of the contract company.
 - *Inclusive list* - send notifications for specific partners belonging to the contract company.
 - *Exclusive list* - send notifications on partners belonging to the contract company, except for the specified ones.
 - *Do not receive* - do not send notifications on balances and credit limits for partners of this contract company.

If a value other than *Do not receive* is selected, the *Email address list* field becomes available for specifying the list of addresses (comma separated) to which notifications will be sent additionally (in the *BCC* field) (if the corresponding threshold has been exceeded).

The new field is independent of the *Send balance alerts* flag of the account - for example, if the flag is enabled for a partner, but this partner is in the exclusive list at the contract company level, notifications will not be sent to the list of addresses from the respective contract company.

- An extra "Are you sure?" confirmation has been added whenever the user modifies rules in any of these interfaces: *Routing rules*, *Limitation rules*, *ANI translation*, *Blended routing*. The additional confirmation is enabled by the new System parameter *Request explicit confirmation when changing routing-related entities (0 - no, 1 - yes)*.
 - In the *Custom parameter types* interface, the new *Default value* field has been added for the *List of values* field type.
 - Possibility has been added to update tables of the open interface (when the mouse cursor hovers over a table) using hotkeys Ctrl+Alt+R.
 - Errors from the internal *prv_debug* table (*System log (Administration)* report) are no longer sent to the email specified in the System parameter *Support email* to reduce the amount of email messages.
-

Enhancements

- It has been made impossible to assign a parent product for custom type products because such products are not used in routing.
- The System parameter *Client Portal default in billing period* has been renamed to *Partner and Campaign portal default in billing period* as it affects both portals.
- The System job *STA_CLEAR_RESULT_CACHE* has been removed as it is obsolete.

Analytics

- A new metric and corresponding column *DCR, %* have been added, showing the ratio of dropped calls to successful calls (dropped call ratio). By default, dropped calls are all calls that end with codes 408, 481, and codes starting with 5 or 6 (for example, 500 or 600). To change the list of codes, contact Alaris technical support team and provide the code CS-3392.
- The calculation of the *NER, %* column has been changed to the ratio of the number of accountable calls to the total number of attempts (previously it was calculated as the ratio of accountable calls to successful attempts).

Billing/Financial

- An attempt to delete an agreement for which at least one recurring fee has been created will now result in error.
- The ability to recalculate an invoice billing period for multiple accounts simultaneously has been implemented.

Carriers

- For the *Set POI routing priorities* window (*Change POI routing priorities*), the *Is active* column has been added to display the POI activity for better visibility, since inactive POIs will not participate in routing later.
- The fields *Subjective estimation* and *Credibility* along with the corresponding column have been removed from the *Carriers* interface as they are out of use.

Enterprise API

- The *update_payment* method has been added to Enterprise API for adding and editing payments.
- The *update_invoice_confirmation* method has been implemented that serves to add or remove confirmation of invoices.

Limitation rules

- The *Attempts* metric has been added (similar to the *Attempts* column in the *Analytics* interface) to limit traffic upon exceeding the number of attempts.
- The ability to view traffic block/unblock timestamps has been added. The *Details* column with the *View history* hyperlink has been included in the bottom table for this purpose.
- The new period type *calendar month* has been added for calculating statistics starting from the 1st day of the month.
- The metric *ACD, min (greater than)* has been added. The metric *ACD, min* has been renamed to *ACD, min (less than)*.

Number management

- The *Is active* flag has been added when creating and editing a billing scheme. Inactive records will be grayed out and cannot be selected when creating a new number. It is possible to edit schemes that are not assigned to a number in the *Assigned* status. Inactive records will be placed at the end of the list in filters.
- The ability to move numbers from the *Closed* to *Available* status using the new *Make available* action has been added. The change type for this action will be displayed as *Reopened*. Additionally, a *Show closed* flag has been added to the *Numbers* tab.
- Possibility to export data to CSV has been added to the *History* tab.

Rate analysis

- Inactive products will not be included in the analysis results in the *Rate analysis* interface.

Rate editor

- The button *Add dial code* has been added to enable bulk addition of rates for a specific dial code. The button is available when grouping by country, area, and type is selected, and a specific group is chosen on the *Rate groups* tab.
- When editing a rate, the *Rate change* field now accepts absolute values - both positive and negative. A tooltip with possible values has been added to the field.

Rate export

- The new *Cancel auto export tasks* flag has been added for canceling scheduled auto rate export tasks to avoid duplicate export tasks.

Rate import

- The analysis mode has been optimized.
- The ability to restart previously created tasks has been added.
- The *Show notifications for replaced rates* flag has been added (available in all modes except *Import*). This flag is enabled by default. If the flag is disabled, the System behavior changes: rows with the *Rate delete* status are excluded during analysis (such rows may appear when a rate is replaced).
- When the *Close all rates* import type is selected, the new *Close mode* field becomes available with the following options:
 - *Close all rates* (default)
 - *Close all rates with A-number* - closes only rates where the *A-number group* field contains data
 - *Close all rates without A-number* - closes only rates where the *A-number group* field is empty.

Reports

- Previously, when editing a report code and clicking the *SQL query* field, the code window would enter full-screen mode. To improve user experience, the initial size of the field has been increased, and an additional button (with the tooltip "Full screen") has been added to expand the window size.

Routing rules

- If a rule contains an unknown metric in the *Condition* or *Formula* fields, a corresponding error will be displayed when attempting to add or modify it.
-

Enhancements

- For the *Replace product* functionality, the ability to specify multiple contexts has been added (previously only one context could be specified).
- The routing metrics lists have been slightly restructured: some have been moved to new sections, and others have been moved to different sections.

Swap deals

- The *Last modified* column has been added to display the time of the last update (manual or automatic) of the swap deal data.

Template manager

- The following markers have been added to the *Password reset letter* template: [ResetLinkLifeTime] (password reset link lifetime) and [ResetLink] (password reset link).
- The *Account manager* column has been added to the *Template manager* interface.
- The ability to configure exported columns has been added to the *Partner portal CDR export letter* template. Configuration is performed using the *Set custom columns* button. Please note that this functionality applies only to file export generated from the new Partner Portal.

Users

- The new System parameter *Link expiration period in password reset email, days* has been added. It serves to determine the number of days during which the link in the password reset email will be active. Possible values are from 1 to 30 (3 by default).

Volume-based deals

- For volume-based deals, it is now possible to specify an *A-number group* to calculate statistics and adjust rates for specific groups of A-numbers.

Partner Portals

- At the contract company level, it is now possible to configure custom branding in the new Partner Portal using the *Set customization* button. A custom portal logo and favicon can be configured; if no customization is provided, the default Alaris Labs logo and favicon will be shown.
- User session lifetime has been increased to 2 hours in the new Partner Portal.
- Support of the N-Genius payment system has been added for Partner Portal. To ensure correct display in the Portal the payment system must be configured in the *Contract companies* reference book.
- In the new Partner Portal, the account balance figure is now highlighted to warn users that their balance may decrease when draft payments expire.
- Two-factor authentication (2FA) has been implemented for the new Partner Portal. This feature is enabled by the new System setting, *Enable 2FA for portals (0 - no, 1 - yes)*. When enabled:
 - Self-registered users are created with the *Enable two factor authentication* flag activated.
 - Users created by the System Owner will receive an email using the new template *2FA enabled for Partner portal account*.

To regenerate the email and code, toggle the *Enable two factor authentication* flag off then on for the user, and save each change. 2FA can be disabled at the user level even when the global setting is enabled.

- Traffic filtering by account and direction has been added to the new Partner Portal.
-

Enhancements

- Menu items related to voice, SMS or RCS traffic will not be displayed in the new Partner Portal if the partner does not have products of the corresponding type.
 - The Triple-A payment system is now available in the new Partner Portal. To activate it, enable the *Use Triple-A* checkbox for the corresponding contract company and configure it in the *Payment systems* tab.
 - When topping up balance through the new Partner Portal, the minimum payment amount will be taken as the value of the contract company parameter *Minimum payment amount for portals*.
 - After two unsuccessful authorization attempts in the new Partner Portal, captcha entry will be required.
 - Possibility has been added to display data in the new Partner Portal in the partner timezone (set in the agreement settings). The behavior is controlled by the new System parameter *Display data in the timezone from the agreement (0 - System timezone, 1 - Partner timezone)*. If the value 1 is set, the statistics will be built on hourly analytical cubes (otherwise - on daily cubes). The parameter affects the display of rates and statistics, including EDRs. It should be noted that invoices are always displayed in the partner's time zone, and payments are always displayed in the System time zone.
-

2 Fixed issues

General

- When selecting a region in a carrier filter, some carriers could be available that have a region with an ID that partly matched the region in question (for example, region ID=1 partly matched region ID=11). The issue has been fixed.
- The issue has been fixed that allowed a user to log in to the System with an expired password.
- Earlier, when opening interfaces, previously set filters could fail to apply. The situation has been corrected.
- In rare cases, when generating a file (for example, when emailing a scheduled report), an error "invalid cursor" occurred, caused by premature deletion of the generated file. The situation has been fixed.
- Previously a file with payments got into the System after automatic import, but was not applied. The situation has been corrected.
- Pagination in the *Regular expressions* interface has been fixed.
- Connection fee charging (setting *Connection fee charging*) has been improved. In some cases the CDR processing module did not take values into account. The final processing logic is as follows:
 - if the value is *Charge non-zero calls*, the fee is only charged for calls with duration greater than 0.
 - if the value is *Charge zero duration attempts*, the fee is only charged for zero-duration calls, provided that the disconnect code is specified in the parameter *List of rated disconnect codes*.
 - if the value is *Charge all attempts*, the fee is charged if the duration of the call is greater than zero (regardless of the disconnect code) or if the duration is equal to 0 and the disconnect code is specified in the parameter *List of rated disconnect codes*.

Analytics

- Previously incorrect number of hours was displayed in the *Analytics* interface when switching to summer or winter time. The issue has been fixed.

Billing/Financial

- Previously, when using the *Close billing period and generate invoice* function in the middle of a billing period, the invoice created at the end of the billing period contained charges that were included in a previously created invoice.
 - Previously, invoices generated by recurring fees were automatically marked as *Outdated* upon period recalculation, even when no actual changes occurred. The issue has been resolved.
 - Erroneous assigning of values for the *Payment status* column has been fixed. Earlier, because of rounding, the values of amounts could fail to match.
 - Due to incorrect rounding of amounts in the *Invoices* and *Charges* interfaces, the values could fail to match those billed to partners. Rounding has been corrected and now it also depends on the System parameter *Charge detail rounding function (client leg)* or *Charge detail rounding function (vendor leg)*, based on the charge direction.
 - Verification has been added that the entire period of a fee is included in agreements. Previously, if multiple agreements were available for an account within the charge validity period, the fee could not be modified.
-

Fixed issues

Limitation rules

- Duplicate statistics calculation has been fixed, if a rule was created with a *month* period but did not cover a full month.

Number management

- Previously, reassigning a number more than once a day was prohibited. The situation has been corrected: a number can be reassigned several times within a day.

Rate import

- Large-file uploads have been optimized for products that use ANI-based billing.
- Previously, the file with import results exported to MS Excel contained all records, even if filtering was applied. The situation has been corrected.

Reports

- Previously, when the system parameter *Add report info to file header (0 - no, 1 - yes)*. By default - 1 was enabled and a report was run in pivot mode with many filter values, the report could be displayed incorrectly. This has now been fixed.

Routing rules

- In the new version, the <> operator will be automatically replaced by !=, since it is deprecated.

Swap deals

- Swap deals could be edited even if the user did not have the appropriate permissions. The issue has been fixed.

Tags

- Verifications have been refined when deleting a tag that it is not contained in other entities (such as routing rules). Otherwise, an appropriate warning will be issued.
- Multiple selection of tags could cause the *Delete* button (for deleting records in bulk) to disappear. The issue has been fixed.

Partner Portals

- Previously the statistics available in the portal was limited by the CDR storage period. In the new Partner Portal the behavior has been changed: CDR export still depends on the data storage period, but statistics displayed in the portal (*Voice statistics* tab) depend on the number of financial cubes (System parameter *Traffic details days count*).
 - In some cases an object of the Wholesale Portal can be changed on behalf of another user. As a result, it is not always possible to identify the author of the change. The issue has been resolved in the new Partner Portal.
-

3 Known issues

General

- When creating a new preset, a warning about overwriting an existing preset is shown, whereas the template is created from scratch and no overwriting occurs.
- 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.

Billing/Financial

- The parameters for the client side (in case of a bidirectional agreement) are verified when creating a credit note for the vendor side.
- If the Excel document generation module is unavailable, invoices will be considered confirmed with the status *Dispatch failed*.

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 editor

- Schedule for the *Offpeak* and *Weekend* periods is not cloned correctly when cloning a rate.

Rate import

- In rare cases, empty rows are added to xlsx files that make the file processing inconvenient.

Routing module

- The parent rate is used for routing even if the child rate is blocked. The situation is observed if the dial code is the same in both rates and if the parent rate was the last to be updated.

Volume-based deals

- When creating an automatic rate recalculation task for a volume-based deal, the deal direction is not taken into account. For example, if the deal is created for the *Vendor* direction, vendor products can still be specified in the automatic rate recalculation task in the filter by client.
-



Database structure changes

4 Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_CARRIER	-- Table --	changed in 3.8.0				Data for wholesale
BAS_CONTRACT_COMPANY	EMAIL_ADDRESS_LIST	created in 3.8.0	VARCHAR2	4000	Y	Email address list for send balance/credit alerts
BAS_CONTRACT_COMPANY	RECEIVE_BAL_CREDIT_ALERT	created in 3.8.0	VARCHAR2	4000	Y	Receive balance/credit alerts
BAS_CONTRACT_COMPANY	RECEIVE_BAL_CREDIT_ALERT_SCOPE	created in 3.8.0	NUMBER	22	N	Tag scope: 1 - inclusive, -1 exclusive, 0 - all, -2 Do not receive
BAS_DID_BILL_SCHEME	CURRENCY_CODE	deleted in 3.8.0	VARCHAR2	8	N	Currency code
BAS_DID_BILL_SCHEME	IS_ACTIVE	created in 3.8.0	NUMBER	22	Y	Is active (0 or null - no / 1 - yes)
BAS_DID_DIAL_CODE	FWD_PROD_ID	changed in 3.8.0	NUMBER	22	Y	Only DID loop vendor products can be selected.



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_DID_DIAL_CODE	LAST_UPDATED	created in 3.8.0	DATE	7	Y	last update date
BAS_DISCONNECT_CODE	IS_DROPPED	created in 3.8.0	NUMBER	22	Y	Use code for DCR statistics (1 - yes, 0 - no)
BAS_PAY_POST_PROC_FIEL ELD	-- Table --	deleted in 3.8.0				Fiscal data operator list
BAS_PAY_POST_PROC_FIEL ELD	POST_PROC_FIELD_NAME	deleted in 3.8.0	VARCHAR2	4000	N	Fiscal data operator parameter name
BAS_PAY_POST_PROC_FIEL ELD	POST_PROC_NAME	deleted in 3.8.0	VARCHAR2	100	Y	Fiscal data operator name
BAS_PAY_POST_PROC_FIEL ELD_VAL	-- Table --	deleted in 3.8.0				Fiscal data operator parameters values
BAS_PAY_POST_PROC_FIEL ELD_VAL	CC_ID	deleted in 3.8.0	NUMBER	22	Y	Contract company ID
BAS_PAY_POST_PROC_FIEL ELD_VAL	PAYSYSTEM_NAME	deleted in 3.8.0	VARCHAR2	100	Y	Paysystem name



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_PAY_POST_PROC_FIEL D_VAL	POST_PROC_FIELD_NA ME	deleted in 3.8.0	VARCHAR2	4000	Y	Fiscal data operator parameter name
BAS_PAY_POST_PROC_FIEL D_VAL	POST_PROC_FIELD_VA LUE	deleted in 3.8.0	VARCHAR2	4000	Y	Fiscal data operator parameter value
BAS_TEMPLATE	TEMPLATE_ACC_MAN AGER_ID	created in 3.8.0	VARCHAR2	4000	Y	Account managers
BAS_TEMPLATE_COL_LIST	-- Table --	created in 3.8.0				Columns list for download from edr/cdr for Wholesale Portal
BAS_TEMPLATE_COL_LIST	COLUMN_LIST	created in 3.8.0	VARCHAR2	4000	Y	column list
BAS_TEMPLATE_COL_LIST	TEMPLATE_ID	created in 3.8.0	NUMBER	22	N	Record template ID (primary key)
BAS_VOIP_POI_IDX	VOIP_POI_PORT	created in 3.8.0	NUMBER	22	Y	Port
FIN_SUBSCR	SUBSCR_CONFIRM_CH ARGE	deleted in 3.8.0	NUMBER	22	Y	Confirm invoice (deprecated CS-1423)



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
FIN_SUBSCR_DETAIL	SUBSCR_COMMENTS	changed in 3.8.0	VARCHAR2	4000	Y	Comments/Error description
FIN_SUBSCR_DETAIL	SUBSCR_SUPPRESSED	changed in 3.8.0	NUMBER	22	Y	Suppressed flag (1 - wrong service amount, 2 - error, 3 - emptyrate\volume, null - no)
LOG_RAT_RATE_IMPORT_TMP	-- Table --	created in 3.8.0				Temporary table for voice rate analysis
LOG_SW_SESSION	-- Table --	deleted in 3.8.0				Switch activity log
LOG_SW_SESSION	CHECK_SUMBIT	deleted in 3.8.0	NUMBER	22	Y	Check submit flag (1 -yes, 0 - no)
LOG_SW_SESSION	LAST_UPDATED	deleted in 3.8.0	DATE	7	Y	Update date
LOG_SW_SESSION	MODULE_HASH	deleted in 3.8.0	NUMBER	22	N	Module name hash
LOG_SW_SESSION	MODULE_NAME	deleted in 3.8.0	VARCHAR2	256	Y	Module name



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
LOG_SW_SESSION	START_SCN	deleted in 3.8.0	NUMBER	22	Y	Start SCN
LOG_SW_SESSION	TABLE_NAME	deleted in 3.8.0	VARCHAR2	30	N	Table name
PRV_LOG_ID	LOG_ROWID	changed in 3.8.0	ROWID	10	Y	Log rowid (empty value means: must generate event)
RAT_CA_CONFIG	-- Table --	deleted in 3.8.0				Rate change analysis configuration
RAT_CA_CONFIG	CONF_DESC	deleted in 3.8.0	VARCHAR2	512	Y	Configuration description
RAT_CA_CONFIG	CONF_ID	deleted in 3.8.0	NUMBER	22	N	Configuration id
RAT_CA_CONFIG	CONF_NAME	deleted in 3.8.0	VARCHAR2	128	Y	Configuration name
RAT_CA_CONFIG	RATE_RANK_1	deleted in 3.8.0	VARCHAR2	1	Y	Rank of rate1
RAT_CA_CONFIG	RATE_RANK_2	deleted in 3.8.0	VARCHAR2	1	Y	Rank of rate2
RAT_CA_CONFIG	RATE_RANK_3	deleted in 3.8.0	VARCHAR2	1	Y	Rank of rate3



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_CA_CONFIG	RATE_RANK_4	deleted in 3.8.0	VARCHAR2	1	Y	Rank of rate4
RAT_CA_CONFIG	RAT_IMP_ERR_ID	deleted in 3.8.0	NUMBER	22	Y	Foreign key of rat_imp_err
RAT_CA_RATE_STATUS	-- Table --	deleted in 3.8.0				Rate change analysis pending results
RAT_CA_RATE_STATUS	ANI_DIAL_CODE	deleted in 3.8.0	VARCHAR2	16	Y	Origin dial code
RAT_CA_RATE_STATUS	BILL_INCR_RATE_2	deleted in 3.8.0	NUMBER	22	Y	Billing increment of rate 2
RAT_CA_RATE_STATUS	BILL_INCR_RATE_4	deleted in 3.8.0	NUMBER	22	Y	Billing increment of rate 4
RAT_CA_RATE_STATUS	CA_DATE	deleted in 3.8.0	DATE	7	Y	Date of rate analysis
RAT_CA_RATE_STATUS	CONF_DESC	deleted in 3.8.0	VARCHAR2	512	Y	Configuration description
RAT_CA_RATE_STATUS	DIAL_CODE	deleted in 3.8.0	VARCHAR2	256	Y	Dial code
RAT_CA_RATE_STATUS	IMPLICIT_CODE_1	deleted in 3.8.0	VARCHAR2	256	Y	Implicit dial code 1
RAT_CA_RATE_STATUS	IMPLICIT_CODE_2	deleted in 3.8.0	VARCHAR2	256	Y	Implicit dial code 2



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_CA_RATE_STATUS	IMPLICIT_CODE_3	deleted in 3.8.0	VARCHAR2	256	Y	Implicit dial code 3
RAT_CA_RATE_STATUS	IMPLICIT_CODE_4	deleted in 3.8.0	VARCHAR2	256	Y	Implicit dial code 4
RAT_CA_RATE_STATUS	NOTE_IS_DIFF	deleted in 3.8.0	VARCHAR2	1	Y	The sign of different notes
RAT_CA_RATE_STATUS	PRODUCT_ID_1	deleted in 3.8.0	NUMBER	22	Y	Compared product id 1
RAT_CA_RATE_STATUS	PRODUCT_ID_2	deleted in 3.8.0	NUMBER	22	Y	Compared product id 2
RAT_CA_RATE_STATUS	RATE_1	deleted in 3.8.0	NUMBER	22	Y	Rate 1
RAT_CA_RATE_STATUS	RATE_2	deleted in 3.8.0	NUMBER	22	Y	Rate 2
RAT_CA_RATE_STATUS	RATE_3	deleted in 3.8.0	NUMBER	22	Y	Rate 3
RAT_CA_RATE_STATUS	RATE_4	deleted in 3.8.0	NUMBER	22	Y	Rate 4
RAT_CA_RATE_STATUS	RATE_RANK_1	deleted in 3.8.0	VARCHAR2	1	Y	Rank of rate1
RAT_CA_RATE_STATUS	RATE_RANK_2	deleted in 3.8.0	VARCHAR2	1	Y	Rank of rate2



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_CA_RATE_STATUS	RATE_RANK_3	deleted in 3.8.0	VARCHAR2	1	Y	Rank of rate3
RAT_CA_RATE_STATUS	RATE_RANK_4	deleted in 3.8.0	VARCHAR2	1	Y	Rank of rate4
RAT_CA_RATE_STATUS	SUB_TIME_MASK_CAPTION	deleted in 3.8.0	VARCHAR2	2000	Y	Timemask description
RAT_CA_RATE_STATUS	SUB_TIME_MASK_ID	deleted in 3.8.0	NUMBER	22	Y	Timemask id
RAT_CA_RATE_STATUS	TASK_JOB_NAME	deleted in 3.8.0	VARCHAR2	256	Y	Task job name (from prv_task)
RAT_IMP_ANA_STEPS	-- Table --	created in 3.8.0				Temporary table for rate analysis
RAT_IMP_CLOSE_RATE_TMP	-- Table --	deleted in 3.8.0				Temporary table for rate import
RAT_IMP_CLOSE_RATE_TMP	RATE1	deleted in 3.8.0	NUMBER	22	Y	Rate 1
RAT_IMP_CLOSE_RATE_TMP	RATE2	deleted in 3.8.0	NUMBER	22	Y	Rate 2



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_IMP_CLOSE_RATE_T MP	RATE3	deleted in 3.8.0	NUMBER	22	Y	Rate 3
RAT_IMP_CLOSE_RATE_T MP	RATE4	deleted in 3.8.0	NUMBER	22	Y	Rate 4
RAT_IMP_CLOSE_RATE_T MP	RATE5	deleted in 3.8.0	NUMBER	22	Y	Rate 5
RAT_IMP_CLOSE_RATE_T MP	RATE6	deleted in 3.8.0	NUMBER	22	Y	Rate 6
RAT_IMP_CLOSE_RATE_T MP	RATE_BILL_INC_ID	deleted in 3.8.0	NUMBER	22	Y	Billing increment ID
RAT_IMP_CLOSE_RATE_T MP	RATE_CSCD	deleted in 3.8.0	VARCHAR2	256	Y	Carrier-specific destination
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE	deleted in 3.8.0	VARCHAR2	16	N	Dial code (full match)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE1	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (1 digit)



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE10	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (10 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE11	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (11 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE12	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (12 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE13	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (13 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE14	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (14 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE15	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (15 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE2	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (2 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE3	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (3 digits)



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE4	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (4 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE5	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (5 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE6	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (6 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE7	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (7 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE8	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (8 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE9	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (9 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_END_DATE	deleted in 3.8.0	DATE	7	N	End date
RAT_IMP_CLOSE_RATE_T MP	RATE_ID	deleted in 3.8.0	NUMBER	22	Y	Rate ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_IMP_CLOSE_RATE_TMP	RATE_NOTES	deleted in 3.8.0	VARCHAR2	256	Y	Rate note
RAT_IMP_CLOSE_RATE_TMP	RATE_PRODUCT_ID	deleted in 3.8.0	NUMBER	22	Y	Product ID
RAT_IMP_CLOSE_RATE_TMP	RATE_START_DATE	deleted in 3.8.0	DATE	7	N	Start date
RAT_IMP_CLOSE_RATE_TMP	RATE_TIMEMASK_ID	deleted in 3.8.0	NUMBER	22	Y	Timemask ID
RAT_RATE_ARCHIVE	RATE_ANI_CSCD	created in 3.8.0	VARCHAR2	4000	Y	(depricated) Carrier-specific origin destination
RAT_RATE_IMPORT_TMP_NEW	RATE1	changed in 3.8.0	NUMBER	22	Y	New price
RAT_RATE_IMPORT_TMP_NEW	RATE_BILL_INC_ID	changed in 3.8.0	NUMBER	22	Y	Billing increment ID
RAT_RATE_IMPORT_TMP_NEW	RATE_CSCD	changed in 3.8.0	VARCHAR2	256	Y	Carrier-specific destination



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RATE_IMPORT_TMP_NEW	RATE_DIAL_CODE	changed in 3.8.0	VARCHAR2	16	Y	Dial code
RAT_RATE_IMPORT_TMP_NEW	RATE_END_DATE	changed in 3.8.0	DATE	7	Y	Rate effective till
RAT_RATE_IMPORT_TMP_NEW	RATE_FIELD	created in 3.8.0	VARCHAR2	30	Y	Rate field
RAT_RATE_IMPORT_TMP_NEW	RATE_ID	changed in 3.8.0	NUMBER	22	Y	Rate ID (primary key)
RAT_RATE_IMPORT_TMP_NEW	RATE_NOTES	changed in 3.8.0	VARCHAR2	256	Y	Rate note
RAT_RATE_IMPORT_TMP_NEW	RATE_PRODUCT_ID	changed in 3.8.0	NUMBER	22	Y	Product ID (link to BAS_PRODUCT table)
RAT_RATE_IMPORT_TMP_OLD	RATE1	changed in 3.8.0	NUMBER	22	Y	New price
RAT_RATE_IMPORT_TMP_OLD	RATE_BILL_INC_ID	changed in 3.8.0	NUMBER	22	Y	Billing increment ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RATE_IMPORT_TMP_OLD	RATE_CSCD	changed in 3.8.0	VARCHAR2	256	Y	Carrier-specific destination
RAT_RATE_IMPORT_TMP_OLD	RATE_DIAL_CODE	changed in 3.8.0	VARCHAR2	16	Y	Dial code
RAT_RATE_IMPORT_TMP_OLD	RATE_END_DATE	changed in 3.8.0	DATE	7	Y	Rate effective till
RAT_RATE_IMPORT_TMP_OLD	RATE_FIELD	created in 3.8.0	VARCHAR2	30	Y	Rate field
RAT_RATE_IMPORT_TMP_OLD	RATE_ID	changed in 3.8.0	NUMBER	22	Y	Rate ID (primary key)
RAT_RATE_IMPORT_TMP_OLD	RATE_NOTES	changed in 3.8.0	VARCHAR2	256	Y	Rate note
RAT_RATE_IMPORT_TMP_OLD	RATE_PRODUCT_ID	changed in 3.8.0	NUMBER	22	Y	Product ID (link to BAS_PRODUCT table)
RAT_RCN_IN	-- Table --	deleted in 3.8.0				Rate change notification



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RCN_IN	RATE1	deleted in 3.8.0	NUMBER	22	Y	Rate 1 New price Price
RAT_RCN_IN	RATE2	deleted in 3.8.0	NUMBER	22	Y	Old price Rate 2
RAT_RCN_IN	RATE3	deleted in 3.8.0	NUMBER	22	Y	Rate 3
RAT_RCN_IN	RATE4	deleted in 3.8.0	NUMBER	22	Y	Rate 4
RAT_RCN_IN	RATE5	deleted in 3.8.0	NUMBER	22	Y	Rate 5
RAT_RCN_IN	RATE6	deleted in 3.8.0	NUMBER	22	Y	Rate 6
RAT_RCN_IN	RATE_BILL_INC_ID	deleted in 3.8.0	NUMBER	22	N	Billing increment ID Increment scheme
RAT_RCN_IN	RATE_CSCD	deleted in 3.8.0	VARCHAR2	256	Y	Carrier-specific destination CSCD
RAT_RCN_IN	RATE_DIAL_CODE	deleted in 3.8.0	VARCHAR2	16	N	Dial code Rate dial Change code/Sender ID e.164 (optional)



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RCN_IN	RATE_END_DATE	deleted in 3.8.0	DATE	7	N	End date Rate effective till rate record end affective
RAT_RCN_IN	RATE_HASH	deleted in 3.8.0	VARCHAR2	20	Y	Rate hash
RAT_RCN_IN	RATE_ID	deleted in 3.8.0	NUMBER	22	N	rate_id Rate ID (primary key) Client POI SMS rate
RAT_RCN_IN	RATE_NOTES	deleted in 3.8.0	VARCHAR2	256	Y	Rate note notes
RAT_RCN_IN	RATE_PRODUCT_ID	deleted in 3.8.0	NUMBER	22	N	Product ID rate product id (link to BAS_PRODUCT table)
RAT_RCN_IN	RATE_START_DATE	deleted in 3.8.0	DATE	7	N	Rate effective from
RAT_RCN_IN	RATE_TIMEMASK_ID	deleted in 3.8.0	NUMBER	22	N	Timemask ID
RAT_RCN_MERGE_TREE	-- Table --	deleted in 3.8.0				Rate change notification temporary table
RAT_RCN_MERGE_TREE	DIAL_CODE	deleted in 3.8.0	VARCHAR2	16	Y	Dial code



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RCN_MERGE_TREE	END_DATE	deleted in 3.8.0	DATE	7	Y	Effective till
RAT_RCN_MERGE_TREE	PRODUCT_ID	deleted in 3.8.0	NUMBER	22	Y	Product ID
RAT_RCN_MERGE_TREE	RATE_HASH	deleted in 3.8.0	VARCHAR2	20	Y	Hash
RAT_RCN_MERGE_TREE	RATE_ID	deleted in 3.8.0	NUMBER	22	Y	rate_id Rate ID (primary key) Client POI SMS rate
RAT_RCN_MERGE_TREE	START_DATE	deleted in 3.8.0	DATE	7	Y	Effective from
RAT_RCN_SCHEDULE	-- Table --	deleted in 3.8.0				Rate change notification schedule
RAT_RCN_SCHEDULE	ADD_PARAM_JSON	deleted in 3.8.0	VARCHAR2	4000	Y	Additional parameters
RAT_RCN_SCHEDULE	CONFIRM_TYPE	deleted in 3.8.0	VARCHAR2	32	Y	Type of confirmation
RAT_RCN_SCHEDULE	DEFAULT_RECIPIENT	deleted in 3.8.0	VARCHAR2	2000	Y	Default recipients
RAT_RCN_SCHEDULE	LAST_EXEC_DATE	deleted in 3.8.0	DATE	7	Y	Previous execution date



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RCN_SCHEDULE	NEXT_EXEC_DATE	deleted in 3.8.0	DATE	7	Y	Next execution date
RAT_RCN_SCHEDULE	NEXT_EXP_END_DATE	deleted in 3.8.0	DATE	7	Y	Buttom of export date
RAT_RCN_SCHEDULE	NEXT_EXP_START_DATE	deleted in 3.8.0	DATE	7	Y	Top of export date
RAT_RCN_SCHEDULE	NOTIFICATION_TYPE	deleted in 3.8.0	VARCHAR2	32	Y	Type of notification
RAT_RCN_SCHEDULE	PRODUCT_LIST	deleted in 3.8.0	VARCHAR2	4000	Y	List of products
RAT_RCN_SCHEDULE	RATE_EXPORT_TYPE	deleted in 3.8.0	VARCHAR2	32	Y	Type of rate export
RAT_RCN_SCHEDULE	SCHEDULE	deleted in 3.8.0	VARCHAR2	256	Y	Schedule in the flesh
RAT_RCN_SCHEDULE	SCHEDULE_DESC	deleted in 3.8.0	VARCHAR2	4000	Y	Schedule description
RAT_RCN_SCHEDULE	SCHEDULE_ID	deleted in 3.8.0	NUMBER	22	N	Schedule id
RAT_RCN_SCHEDULE	SCHEDULE_STATUS	deleted in 3.8.0	NUMBER	22	Y	Schedule status



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RCN_STATUS	-- Table --	deleted in 3.8.0				Rate change notification task statuses
RAT_RCN_STATUS	STATUS_DSC	deleted in 3.8.0	VARCHAR2	128	N	Type of status
RAT_RCN_STATUS	STATUS_ID	deleted in 3.8.0	NUMBER	22	N	Status id
RAT_RCN_TASK	-- Table --	deleted in 3.8.0				Rate change notification tasks
RAT_RCN_TASK	ADD_PARAM_JSON	deleted in 3.8.0	VARCHAR2	4000	Y	Additional parameters
RAT_RCN_TASK	ATTACH_NAME	deleted in 3.8.0	VARCHAR2	256	Y	Attache name
RAT_RCN_TASK	ATTACH_RAW	deleted in 3.8.0	BLOB	4000	Y	Attache body
RAT_RCN_TASK	ATTACH_TYPE	deleted in 3.8.0	VARCHAR2	32	Y	Attache type
RAT_RCN_TASK	EMAIL_BODY	deleted in 3.8.0	CLOB	4000	Y	Email body
RAT_RCN_TASK	EMAIL_SUBJECT	deleted in 3.8.0	VARCHAR2	1000	Y	Email subject



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RCN_TASK	EXP_END_DATE	deleted in 3.8.0	DATE	7	Y	Buttom of export date
RAT_RCN_TASK	EXP_START_DATE	deleted in 3.8.0	DATE	7	Y	Top of export date
RAT_RCN_TASK	HEX_CONFIRM_LINK	deleted in 3.8.0	VARCHAR2	512	Y	Hex confirmational link
RAT_RCN_TASK	LAST_LOG	deleted in 3.8.0	VARCHAR2	4000	Y	Log of last update task
RAT_RCN_TASK	LAST_UPDATE_STATUS	deleted in 3.8.0	DATE	7	Y	Date of last update task
RAT_RCN_TASK	PRODUCT_ID	deleted in 3.8.0	NUMBER	22	Y	Product id
RAT_RCN_TASK	RECIPIENT_LIST	deleted in 3.8.0	VARCHAR2	4000	Y	List of recipient
RAT_RCN_TASK	RESULT_FILE_PATCH	deleted in 3.8.0	VARCHAR2	512	Y	Path of result file
RAT_RCN_TASK	RESULT_ROWS_CNT	deleted in 3.8.0	NUMBER	22	Y	Rows count in result
RAT_RCN_TASK	SCHEDULE_ID	deleted in 3.8.0	NUMBER	22	Y	Schedule id
RAT_RCN_TASK	SYS_JOB_NAME	deleted in 3.8.0	VARCHAR2	64	Y	Job name



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RCN_TASK	TASK_CREATED	deleted in 3.8.0	DATE	7	Y	Task creation date
RAT_RCN_TASK	TASK_ID	deleted in 3.8.0	NUMBER	22	N	Task id
RAT_RCN_TASK	TASK_STATUS	deleted in 3.8.0	VARCHAR2	16	Y	Task status
RAT_RCN_TASK	USER_CONFIRMED	deleted in 3.8.0	NUMBER	22	Y	The sign of user confirmation
RUT_LIM_METRIC	ORDER_ID	created in 3.8.0	NUMBER	22	Y	order column
SMS_CDR	CLIENT_SAR_ID	created in 3.8.0	VARCHAR2	64	Y	Client SAR ID
SMS_CDR	CLIENT_SAR_PARTS_AMOUNT	created in 3.8.0	VARCHAR2	64	Y	Client SAR parts amount
SMS_CDR	CLIENT_SAR_PART_NUMBER	created in 3.8.0	VARCHAR2	64	Y	Client SAR part number
SMS_CDR	RULE_ID_VALIDITY_PERIOD	created in 3.8.0	VARCHAR2	64	Y	Validity period rule ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_ARCHIVE	CLIENT_SAR_ID	created in 3.8.0	VARCHAR2	64	Y	Client SAR ID
SMS_CDR_ARCHIVE	CLIENT_SAR_PARTS_A MOUNT	created in 3.8.0	VARCHAR2	64	Y	Client SAR parts amount
SMS_CDR_ARCHIVE	CLIENT_SAR_PART_NU MBER	created in 3.8.0	VARCHAR2	64	Y	Client SAR part number
SMS_CDR_ARCHIVE	RULE_ID_VALIDITY_PE RIOD	created in 3.8.0	VARCHAR2	64	Y	Validity period rule ID
SMS_CDR_BFRD	CLIENT_SAR_ID	created in 3.8.0	VARCHAR2	64	Y	Client SAR ID
SMS_CDR_BFRD	CLIENT_SAR_PARTS_A MOUNT	created in 3.8.0	VARCHAR2	64	Y	Client SAR parts amount
SMS_CDR_BFRD	CLIENT_SAR_PART_NU MBER	created in 3.8.0	VARCHAR2	64	Y	Client SAR part number
SMS_CDR_BFRD	RULE_ID_VALIDITY_PE RIOD	created in 3.8.0	VARCHAR2	64	Y	Validity period rule ID
SMS_CDR_STATUS	MESSAGE_ID	changed in 3.8.0	VARCHAR2	128	N	SMS message ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_STATUS	TRANSACTION_ID	changed in 3.8.0	VARCHAR2	128	Y	Transaction ID
SMS_CDR_STATUS_POST PONE	MESSAGE_ID	changed in 3.8.0	VARCHAR2	128	N	SMS message ID
SMS_CDR_STATUS_POST PONE	TRANSACTION_ID	changed in 3.8.0	VARCHAR2	128	Y	Transaction ID
SMS_CDR_TMP	-- Table --	changed in 3.8.0				Temporary table for RCS EDR processing
SMS_CDR_TMP	CDR_DST_MSG_ID	changed in 3.8.0	VARCHAR2	128	Y	1 message id
SMS_CDR_TMP	CLIENT_SAR_ID	created in 3.8.0	VARCHAR2	64	Y	Client SAR ID
SMS_CDR_TMP	CLIENT_SAR_PARTS_A MOUNT	created in 3.8.0	VARCHAR2	64	Y	Client SAR parts amount
SMS_CDR_TMP	CLIENT_SAR_PART_NU MBER	created in 3.8.0	VARCHAR2	64	Y	Client SAR part number
SMS_CDR_TMP	RULE_ID_VALIDITY_PE RIOD	created in 3.8.0	VARCHAR2	64	Y	Validity period rule ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CHANNEL	CHANNEL_OPT_FIELDS_FOR_RECEIPT	changed in 3.8.0	NUMBER	22	N	Use optional field for receipt. Flag: 1 - use, 0 - not use
SMS_CHANNEL	PARTNER_DIRECTION	changed in 3.8.0	NUMBER	22	Y	Partner direction (0 - client, 1 - vendor, 2 - both)
SMS_CHANNEL	REPUSH_DELIVERY_REPORTS	changed in 3.8.0	NUMBER	22	Y	Repush delivery reports. Flag: 1 - repush, 0 - not repush
SMS_CHANNEL	SEND_BIND_TO_CLIENT	changed in 3.8.0	NUMBER	22	Y	Send bind to partner side Flag: 1 - send , 0 - not send
SMS_CHANNEL	SRC_ALLOWED_CONNECTIONS	created in 3.8.0	NUMBER	22	Y	Number of allowed connections
SMS_CHANNEL	STATEFUL_CONCAT_MESSAGE	changed in 3.8.0	NUMBER	22	Y	Stateful concatenated messages processing. Flag: 1 - process, 0 - not process



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CHANNEL	TRACK_MO_RESP	changed in 3.8.0	NUMBER	22	Y	Track MO responses to MTs. Flag: 1 - track, 0 - not track
SMS_CUBE_DAY	SWAP	created in 3.8.0	NUMBER	22	Y	Swap deals flag
SMS_CUBE_HOUR	SWAP	created in 3.8.0	NUMBER	22	Y	Swap deals flag
SMS_CUBE_MIN	SWAP	created in 3.8.0	NUMBER	22	Y	Swap deals flag
SMS_CUBE_MONTH	SWAP	created in 3.8.0	NUMBER	22	Y	Swap deals flag
SMS_CUBE_WEEK	SWAP	created in 3.8.0	NUMBER	22	Y	Swap deals flag
SMS_EXP_DATA	CLIUDH	created in 3.8.0	VARCHAR2	256	Y	UDH
SMS_EXP_DATA	VALIDITY_PERIOD	created in 3.8.0	VARCHAR2	64	Y	Validity period
SMS_GEN_COMPILATION	NOTE_ID	created in 3.8.0	NUMBER	22	Y	Rate note ID
SMS_GEN_VENDOR_STAT_TMP	NOTE_ID	created in 3.8.0	NUMBER	22	Y	Rate note ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_RULE	RULE_CONTENT_GROUP_LIST2	created in 3.8.0	VARCHAR2	4000	Y	Tag ID list
SMS_RULE	RULE_CONTENT_GROUP_LIST2_SCOPE	created in 3.8.0	NUMBER	22	N	0 - All, 1 - Inclusive list, -1 - Exclusive list
SMS_TEST_FAILED_CALLBACK_ACK	-- Table --	created in 3.8.0				SMS Test system failed callbacks data
SMS_TEST_FAILED_CALLBACK_ACK	CALLBACK_DATA	created in 3.8.0	CLOB	4000	Y	Callback data
SMS_TEST_FAILED_CALLBACK_ACK	ERROR_DATE	created in 3.8.0	DATE	7	Y	Date
SMS_TEST_FAILED_CALLBACK_ACK	ERROR_STACK	created in 3.8.0	VARCHAR2	4000	Y	Error stack
SMS_TEST_FAILED_CALLBACK_ACK	ID	created in 3.8.0	NUMBER	22	Y	ID
SMS_TEST_PLATFORM_REFERENCE	-- Table --	created in 3.8.0				Test platform list



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_TEST_PLATFORM_REF	JAVA_NAME	created in 3.8.0	VARCHAR2	256	N	Test platform name in JAVA service
SMS_TEST_PLATFORM_REF	WEB_ID	created in 3.8.0	VARCHAR2	256	N	Test platform identifier in Test system WEB interface
SMS_TEST_TASK	TASK_EXTERNAL_ID	created in 3.8.0	VARCHAR2	36	Y	Task UUID (from external java service)
SMS_TEST_TASK	TASK_EXTERNAL_PARENT_ID	created in 3.8.0	VARCHAR2	36	Y	Parent task UUID (from external java service)
SMS_TEST_TASK	TASK_USER_TEXT	created in 3.8.0	VARCHAR2	2000	Y	User text to send
SMS_TRNSL_CODE	CODE	changed in 3.8.0	VARCHAR2	1000	N	Code
SMS_TRNSL_CODE	CODE_TYPE	changed in 3.8.0	NUMBER	22	N	Code type from sms_trnsl_type_code
SMS_TRNSL_CODE	DESCR	changed in 3.8.0	VARCHAR2	1000	N	Description
SMS_TRNSL_CODE	PROTOCOL	changed in 3.8.0	NUMBER	22	Y	Protocol



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_TRNSL_CODE	TYPE	changed in 3.8.0	NUMBER	22	N	Code origin: system/user - 0/1
SMS_TRNSL_RULES	PROTOCOL	created in 3.8.0	NUMBER	22	Y	Protocol
SMS_TRNSL_RULES	TRNSL_TYPE	created in 3.8.0	NUMBER	22	Y	Translation type from sms_trnsl_type
SMS_TRNSL_RULES	TYPE_CODE	deleted in 3.8.0	NUMBER	22	N	Translation type from sms_trnsl_type
SMS_TRNSL_TYPE	CONN_TYPE	created in 3.8.0	NUMBER	22	Y	Connecion type (to client, from vendor, from routing)
SMS_TRNSL_TYPE	DIRECTION	deleted in 3.8.0	NUMBER	22	Y	Direction
SMS_TRNSL_TYPE	ERR_CODE_TYPE	created in 3.8.0	NUMBER	22	Y	Source code type
SMS_TRNSL_TYPE	ID	created in 3.8.0	NUMBER	22	N	id
SMS_TRNSL_TYPE	RES_CODE_TYPE	created in 3.8.0	NUMBER	22	Y	Result code type



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_TRNSL_TYPE	SRC_CODE_TYPE	created in 3.8.0	NUMBER	22	Y	Source code type
SMS_TRNSL_TYPE	TYPE_CODE	deleted in 3.8.0	NUMBER	22	N	Code type
SMS_TRNSL_TYPE_CODE	DESCR	changed in 3.8.0	VARCHAR2	4000	Y	Description
SMS_TRNSL_TYPE_CODE	TYPE_CODE	deleted in 3.8.0	NUMBER	22	N	Code type
STA_CUBE_DAY	AVG_JITTER	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_CUBE_DAY	AVG_MOS	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_CUBE_DAY	COUNT_DROPPED	created in 3.8.0	NUMBER	22	Y	Dropped calls count
STA_CUBE_DAY	MAX_JITTER	created in 3.8.0	NUMBER	22	Y	Max. jitter
STA_CUBE_DAY	MAX_MOS	created in 3.8.0	NUMBER	22	Y	Max. MOS
STA_CUBE_DAY	MIN_JITTER	created in 3.8.0	NUMBER	22	Y	Min. jitter
STA_CUBE_DAY	MIN_MOS	created in 3.8.0	NUMBER	22	Y	Min. MOS



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_DAY	SUM_DST_CHARGE2	created in 3.8.0	NUMBER	22	Y	Total vendor cost in currency 2 Vendor charge
STA_CUBE_DAY	SUM_DST_CHARGE3	created in 3.8.0	NUMBER	22	Y	Total vendor cost in currency 2 Vendor charge
STA_CUBE_DAY	SUM_DST_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 2
STA_CUBE_DAY	SUM_DST_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 3
STA_CUBE_DAY	SUM_MARGIN2	created in 3.8.0	NUMBER	22	Y	Margin Total margin in currency 2
STA_CUBE_DAY	SUM_MARGIN3	created in 3.8.0	NUMBER	22	Y	Margin Total margin in currency 2
STA_CUBE_DAY	SUM_SRC_CHARGE2	created in 3.8.0	NUMBER	22	Y	Client charge Total client revenue in currency 2
STA_CUBE_DAY	SUM_SRC_CHARGE3	created in 3.8.0	NUMBER	22	Y	Client charge Total client revenue in currency 2



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_DAY	SUM_SRC_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 2
STA_CUBE_DAY	SUM_SRC_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 3
STA_CUBE_HOUR	AVG_JITTER	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_CUBE_HOUR	AVG_MOS	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_CUBE_HOUR	COUNT_DROPPED	created in 3.8.0	NUMBER	22	Y	Dropped calls count
STA_CUBE_HOUR	MAX_JITTER	created in 3.8.0	NUMBER	22	Y	Max. jitter
STA_CUBE_HOUR	MAX_MOS	created in 3.8.0	NUMBER	22	Y	Max. MOS
STA_CUBE_HOUR	MIN_JITTER	created in 3.8.0	NUMBER	22	Y	Min. jitter
STA_CUBE_HOUR	MIN_MOS	created in 3.8.0	NUMBER	22	Y	Min. MOS
STA_CUBE_HOUR	SUM_DST_CHARGE2	created in 3.8.0	NUMBER	22	Y	Total vendor cost in currency 2 Vendor charge



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_HOUR	SUM_DST_CHARGE3	created in 3.8.0	NUMBER	22	Y	Total vendor cost in currency 2 Vendor charge
STA_CUBE_HOUR	SUM_DST_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 2
STA_CUBE_HOUR	SUM_DST_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 3
STA_CUBE_HOUR	SUM_MARGIN2	created in 3.8.0	NUMBER	22	Y	Margin Total margin in currency 2
STA_CUBE_HOUR	SUM_MARGIN3	created in 3.8.0	NUMBER	22	Y	Margin Total margin in currency 2
STA_CUBE_HOUR	SUM_SRC_CHARGE2	created in 3.8.0	NUMBER	22	Y	Client charge Total client revenue in currency 2
STA_CUBE_HOUR	SUM_SRC_CHARGE3	created in 3.8.0	NUMBER	22	Y	Client charge Total client revenue in currency 2
STA_CUBE_HOUR	SUM_SRC_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 2



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_HOUR	SUM_SRC_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 3
STA_CUBE_MANAGER_D AY	AVG_JITTER	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_CUBE_MANAGER_D AY	AVG_MOS	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_CUBE_MANAGER_D AY	COUNT_DROPPED	created in 3.8.0	NUMBER	22	Y	Dropped calls count
STA_CUBE_MANAGER_D AY	MAX_JITTER	created in 3.8.0	NUMBER	22	Y	Max. jitter
STA_CUBE_MANAGER_D AY	MAX_MOS	created in 3.8.0	NUMBER	22	Y	Max. MOS
STA_CUBE_MANAGER_D AY	MIN_JITTER	created in 3.8.0	NUMBER	22	Y	Min. jitter
STA_CUBE_MANAGER_D AY	MIN_MOS	created in 3.8.0	NUMBER	22	Y	Min. MOS



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_D AY	SUM_DST_CHARGE2	created in 3.8.0	NUMBER	22	Y	Vendor charge in currency 2
STA_CUBE_MANAGER_D AY	SUM_DST_CHARGE3	created in 3.8.0	NUMBER	22	Y	Vendor charge in currency 3
STA_CUBE_MANAGER_D AY	SUM_DST_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 2
STA_CUBE_MANAGER_D AY	SUM_DST_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 3
STA_CUBE_MANAGER_D AY	SUM_MARGIN2	created in 3.8.0	NUMBER	22	Y	Margin in currency 2
STA_CUBE_MANAGER_D AY	SUM_MARGIN3	created in 3.8.0	NUMBER	22	Y	Margin in currency 2
STA_CUBE_MANAGER_D AY	SUM_SRC_CHARGE2	created in 3.8.0	NUMBER	22	Y	Client charge in currency 2
STA_CUBE_MANAGER_D AY	SUM_SRC_CHARGE3	created in 3.8.0	NUMBER	22	Y	Client charge in currency 3



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_D AY	SUM_SRC_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 2
STA_CUBE_MANAGER_D AY	SUM_SRC_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 3
STA_CUBE_MANAGER_H OUR	AVG_JITTER	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_CUBE_MANAGER_H OUR	AVG_MOS	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_CUBE_MANAGER_H OUR	COUNT_DROPPED	created in 3.8.0	NUMBER	22	Y	Dropped calls count
STA_CUBE_MANAGER_H OUR	MAX_JITTER	created in 3.8.0	NUMBER	22	Y	Max. jitter
STA_CUBE_MANAGER_H OUR	MAX_MOS	created in 3.8.0	NUMBER	22	Y	Max. MOS
STA_CUBE_MANAGER_H OUR	MIN_JITTER	created in 3.8.0	NUMBER	22	Y	Min. jitter



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_H OUR	MIN_MOS	created in 3.8.0	NUMBER	22	Y	Min. MOS
STA_CUBE_MANAGER_H OUR	SUM_DST_CHARGE2	created in 3.8.0	NUMBER	22	Y	Vendor charge in currency 2
STA_CUBE_MANAGER_H OUR	SUM_DST_CHARGE3	created in 3.8.0	NUMBER	22	Y	Vendor charge in currency 3
STA_CUBE_MANAGER_H OUR	SUM_DST_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 2
STA_CUBE_MANAGER_H OUR	SUM_DST_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 3
STA_CUBE_MANAGER_H OUR	SUM_MARGIN2	created in 3.8.0	NUMBER	22	Y	Margin in currency 2
STA_CUBE_MANAGER_H OUR	SUM_MARGIN3	created in 3.8.0	NUMBER	22	Y	Margin in currency 2
STA_CUBE_MANAGER_H OUR	SUM_SRC_CHARGE2	created in 3.8.0	NUMBER	22	Y	Client charge in currency 2



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_HOUR	SUM_SRC_CHARGE3	created in 3.8.0	NUMBER	22	Y	Client charge in currency 3
STA_CUBE_MANAGER_HOUR	SUM_SRC_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 2
STA_CUBE_MANAGER_HOUR	SUM_SRC_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 3
STA_CUBE_MANAGER_MIN	AVG_JITTER	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_CUBE_MANAGER_MIN	AVG_MOS	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_CUBE_MANAGER_MIN	COUNT_DROPPED	created in 3.8.0	NUMBER	22	Y	Dropped calls count
STA_CUBE_MANAGER_MIN	MAX_JITTER	created in 3.8.0	NUMBER	22	Y	Max. jitter
STA_CUBE_MANAGER_MIN	MAX_MOS	created in 3.8.0	NUMBER	22	Y	Max. MOS



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MIN	MIN_JITTER	created in 3.8.0	NUMBER	22	Y	Min. jitter
STA_CUBE_MANAGER_MIN	MIN_MOS	created in 3.8.0	NUMBER	22	Y	Min. MOS
STA_CUBE_MANAGER_MIN	SUM_DST_CHARGE2	created in 3.8.0	NUMBER	22	Y	Vendor charge in currency 2
STA_CUBE_MANAGER_MIN	SUM_DST_CHARGE3	created in 3.8.0	NUMBER	22	Y	Vendor charge in currency 3
STA_CUBE_MANAGER_MIN	SUM_DST_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 2
STA_CUBE_MANAGER_MIN	SUM_DST_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 3
STA_CUBE_MANAGER_MIN	SUM_MARGIN2	created in 3.8.0	NUMBER	22	Y	Margin in currency 2
STA_CUBE_MANAGER_MIN	SUM_MARGIN3	created in 3.8.0	NUMBER	22	Y	Margin in currency 2



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MIN	SUM_SRC_CHARGE2	created in 3.8.0	NUMBER	22	Y	Client charge in currency 2
STA_CUBE_MANAGER_MIN	SUM_SRC_CHARGE3	created in 3.8.0	NUMBER	22	Y	Client charge in currency 3
STA_CUBE_MANAGER_MIN	SUM_SRC_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 2
STA_CUBE_MANAGER_MIN	SUM_SRC_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 3
STA_CUBE_MANAGER_MONTH	AVG_JITTER	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_CUBE_MANAGER_MONTH	AVG_MOS	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_CUBE_MANAGER_MONTH	COUNT_DROPPED	created in 3.8.0	NUMBER	22	Y	Dropped calls count
STA_CUBE_MANAGER_MONTH	MAX_JITTER	created in 3.8.0	NUMBER	22	Y	Max. jitter



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MONTH	MAX_MOS	created in 3.8.0	NUMBER	22	Y	Max. MOS
STA_CUBE_MANAGER_MONTH	MIN_JITTER	created in 3.8.0	NUMBER	22	Y	Min. jitter
STA_CUBE_MANAGER_MONTH	MIN_MOS	created in 3.8.0	NUMBER	22	Y	Min. MOS
STA_CUBE_MANAGER_MONTH	SUM_DST_CHARGE2	created in 3.8.0	NUMBER	22	Y	Vendor charge in currency 2
STA_CUBE_MANAGER_MONTH	SUM_DST_CHARGE3	created in 3.8.0	NUMBER	22	Y	Vendor charge in currency 3
STA_CUBE_MANAGER_MONTH	SUM_DST_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 2
STA_CUBE_MANAGER_MONTH	SUM_DST_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 3
STA_CUBE_MANAGER_MONTH	SUM_MARGIN2	created in 3.8.0	NUMBER	22	Y	Margin in currency 2



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MONTH	SUM_MARGIN3	created in 3.8.0	NUMBER	22	Y	Margin in currency 2
STA_CUBE_MANAGER_MONTH	SUM_SRC_CHARGE2	created in 3.8.0	NUMBER	22	Y	Client charge in currency 2
STA_CUBE_MANAGER_MONTH	SUM_SRC_CHARGE3	created in 3.8.0	NUMBER	22	Y	Client charge in currency 3
STA_CUBE_MANAGER_MONTH	SUM_SRC_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 2
STA_CUBE_MANAGER_MONTH	SUM_SRC_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 3
STA_CUBE_MANAGER_WEEK	AVG_JITTER	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_CUBE_MANAGER_WEEK	AVG_MOS	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_CUBE_MANAGER_WEEK	COUNT_DROPPED	created in 3.8.0	NUMBER	22	Y	Dropped calls count



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_WEEK	MAX_JITTER	created in 3.8.0	NUMBER	22	Y	Max. jitter
STA_CUBE_MANAGER_WEEK	MAX_MOS	created in 3.8.0	NUMBER	22	Y	Max. MOS
STA_CUBE_MANAGER_WEEK	MIN_JITTER	created in 3.8.0	NUMBER	22	Y	Min. jitter
STA_CUBE_MANAGER_WEEK	MIN_MOS	created in 3.8.0	NUMBER	22	Y	Min. MOS
STA_CUBE_MANAGER_WEEK	SUM_DST_CHARGE2	created in 3.8.0	NUMBER	22	Y	Vendor charge in currency 2
STA_CUBE_MANAGER_WEEK	SUM_DST_CHARGE3	created in 3.8.0	NUMBER	22	Y	Vendor charge in currency 3
STA_CUBE_MANAGER_WEEK	SUM_DST_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 2
STA_CUBE_MANAGER_WEEK	SUM_DST_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 3



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_WEEK	SUM_MARGIN2	created in 3.8.0	NUMBER	22	Y	Margin in currency 2
STA_CUBE_MANAGER_WEEK	SUM_MARGIN3	created in 3.8.0	NUMBER	22	Y	Margin in currency 2
STA_CUBE_MANAGER_WEEK	SUM_SRC_CHARGE2	created in 3.8.0	NUMBER	22	Y	Client charge in currency 2
STA_CUBE_MANAGER_WEEK	SUM_SRC_CHARGE3	created in 3.8.0	NUMBER	22	Y	Client charge in currency 3
STA_CUBE_MANAGER_WEEK	SUM_SRC_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 2
STA_CUBE_MANAGER_WEEK	SUM_SRC_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 3
STA_CUBE_MIN	AVG_JITTER	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_CUBE_MIN	AVG_MOS	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_CUBE_MIN	COUNT_DROPPED	created in 3.8.0	NUMBER	22	Y	Dropped calls count



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MIN	MAX_JITTER	created in 3.8.0	NUMBER	22	Y	Max. jitter
STA_CUBE_MIN	MAX_MOS	created in 3.8.0	NUMBER	22	Y	Max. MOS
STA_CUBE_MIN	MIN_JITTER	created in 3.8.0	NUMBER	22	Y	Min. jitter
STA_CUBE_MIN	MIN_MOS	created in 3.8.0	NUMBER	22	Y	Min. MOS
STA_CUBE_MIN	SUM_DST_CHARGE2	created in 3.8.0	NUMBER	22	Y	Total vendor cost in currency 2 Vendor charge
STA_CUBE_MIN	SUM_DST_CHARGE3	created in 3.8.0	NUMBER	22	Y	Total vendor cost in currency 2 Vendor charge
STA_CUBE_MIN	SUM_DST_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 2
STA_CUBE_MIN	SUM_DST_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 3
STA_CUBE_MIN	SUM_MARGIN2	created in 3.8.0	NUMBER	22	Y	Margin Total margin in currency 2



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MIN	SUM_MARGIN3	created in 3.8.0	NUMBER	22	Y	Margin Total margin in currency 2
STA_CUBE_MIN	SUM_SRC_CHARGE2	created in 3.8.0	NUMBER	22	Y	Client charge Total client revenue in currency 2
STA_CUBE_MIN	SUM_SRC_CHARGE3	created in 3.8.0	NUMBER	22	Y	Client charge Total client revenue in currency 2
STA_CUBE_MIN	SUM_SRC_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 2
STA_CUBE_MIN	SUM_SRC_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 3
STA_CUBE_MONTH	AVG_JITTER	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_CUBE_MONTH	AVG_MOS	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_CUBE_MONTH	COUNT_DROPPED	created in 3.8.0	NUMBER	22	Y	Dropped calls count
STA_CUBE_MONTH	MAX_JITTER	created in 3.8.0	NUMBER	22	Y	Max. jitter



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MONTH	MAX_MOS	created in 3.8.0	NUMBER	22	Y	Max. MOS
STA_CUBE_MONTH	MIN_JITTER	created in 3.8.0	NUMBER	22	Y	Min. jitter
STA_CUBE_MONTH	MIN_MOS	created in 3.8.0	NUMBER	22	Y	Min. MOS
STA_CUBE_MONTH	SUM_DST_CHARGE2	created in 3.8.0	NUMBER	22	Y	Total vendor cost in currency 2 Vendor charge
STA_CUBE_MONTH	SUM_DST_CHARGE3	created in 3.8.0	NUMBER	22	Y	Total vendor cost in currency 2 Vendor charge
STA_CUBE_MONTH	SUM_DST_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 2
STA_CUBE_MONTH	SUM_DST_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 3
STA_CUBE_MONTH	SUM_MARGIN2	created in 3.8.0	NUMBER	22	Y	Margin Total margin in currency 2
STA_CUBE_MONTH	SUM_MARGIN3	created in 3.8.0	NUMBER	22	Y	Margin Total margin in currency 2



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MONTH	SUM_SRC_CHARGE2	created in 3.8.0	NUMBER	22	Y	Client charge Total client revenue in currency 2
STA_CUBE_MONTH	SUM_SRC_CHARGE3	created in 3.8.0	NUMBER	22	Y	Client charge Total client revenue in currency 2
STA_CUBE_MONTH	SUM_SRC_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 2
STA_CUBE_MONTH	SUM_SRC_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 3
STA_CUBE_WEEK	AVG_JITTER	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_CUBE_WEEK	AVG_MOS	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_CUBE_WEEK	COUNT_DROPPED	created in 3.8.0	NUMBER	22	Y	Dropped calls count
STA_CUBE_WEEK	MAX_JITTER	created in 3.8.0	NUMBER	22	Y	Max. jitter
STA_CUBE_WEEK	MAX_MOS	created in 3.8.0	NUMBER	22	Y	Max. MOS



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_WEEK	MIN_JITTER	created in 3.8.0	NUMBER	22	Y	Min. jitter
STA_CUBE_WEEK	MIN_MOS	created in 3.8.0	NUMBER	22	Y	Min. MOS
STA_CUBE_WEEK	SUM_DST_CHARGE2	created in 3.8.0	NUMBER	22	Y	Total vendor cost in currency 2 Vendor charge
STA_CUBE_WEEK	SUM_DST_CHARGE3	created in 3.8.0	NUMBER	22	Y	Total vendor cost in currency 2 Vendor charge
STA_CUBE_WEEK	SUM_DST_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 2
STA_CUBE_WEEK	SUM_DST_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 3
STA_CUBE_WEEK	SUM_MARGIN2	created in 3.8.0	NUMBER	22	Y	Margin Total margin in currency 2
STA_CUBE_WEEK	SUM_MARGIN3	created in 3.8.0	NUMBER	22	Y	Margin Total margin in currency 2



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_WEEK	SUM_SRC_CHARGE2	created in 3.8.0	NUMBER	22	Y	Client charge Total client revenue in currency 2
STA_CUBE_WEEK	SUM_SRC_CHARGE3	created in 3.8.0	NUMBER	22	Y	Client charge Total client revenue in currency 2
STA_CUBE_WEEK	SUM_SRC_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 2
STA_CUBE_WEEK	SUM_SRC_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 3
STA_EXP_DATA	CDR_JITTER_AVG	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_EXP_DATA	CDR_JITTER_MAX	created in 3.8.0	NUMBER	22	Y	Max jitter
STA_EXP_DATA	CDR_JITTER_MIN	created in 3.8.0	NUMBER	22	Y	Min jitter
STA_EXP_DATA	CDR_MOS_AVG	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_EXP_DATA	CDR_MOS_MAX	created in 3.8.0	NUMBER	22	Y	Max MOS



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_EXP_DATA	CDR_MOS_MIN	created in 3.8.0	NUMBER	22	Y	Min MOS
STA_EXP_DATA	DST_PORT	created in 3.8.0	NUMBER	22	Y	Vendor port
STA_EXP_DATA	SRC_PORT	created in 3.8.0	NUMBER	22	Y	Client port
STA_RAW	CDR_JITTER_AVG	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_RAW	CDR_JITTER_MAX	created in 3.8.0	NUMBER	22	Y	Max jitter
STA_RAW	CDR_JITTER_MIN	created in 3.8.0	NUMBER	22	Y	Min jitter
STA_RAW	CDR_MOS_AVG	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_RAW	CDR_MOS_MAX	created in 3.8.0	NUMBER	22	Y	Max MOS
STA_RAW	CDR_MOS_MIN	created in 3.8.0	NUMBER	22	Y	Min MOS
STA_RAW	DST_PORT	created in 3.8.0	NUMBER	22	Y	Vendor port
STA_RAW	SRC_PORT	created in 3.8.0	NUMBER	22	Y	Client port



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_RAW_ARCHIVE	CDR_JITTER_AVG	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_RAW_ARCHIVE	CDR_JITTER_MAX	created in 3.8.0	NUMBER	22	Y	Max jitter
STA_RAW_ARCHIVE	CDR_JITTER_MIN	created in 3.8.0	NUMBER	22	Y	Min jitter
STA_RAW_ARCHIVE	CDR_MOS_AVG	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_RAW_ARCHIVE	CDR_MOS_MAX	created in 3.8.0	NUMBER	22	Y	Max MOS
STA_RAW_ARCHIVE	CDR_MOS_MIN	created in 3.8.0	NUMBER	22	Y	Min MOS
STA_RAW_ARCHIVE	DST_PORT	created in 3.8.0	NUMBER	22	Y	Vendor port
STA_RAW_ARCHIVE	SRC_PORT	created in 3.8.0	NUMBER	22	Y	Client port
STA_RAW_MERGE_TMP	CLI_RATE_SCHEME_ID	deleted in 3.8.0	NUMBER	22	Y	Client Rate Scheme
STA_RAW_MERGE_TMP	DST_PORT	created in 3.8.0	NUMBER	22	Y	vendor port
STA_RAW_MERGE_TMP	SRC_PORT	created in 3.8.0	NUMBER	22	Y	client port



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_RAW_MERGE_TMP	VND_RATE_SCHEME_ID	deleted in 3.8.0	NUMBER	22	Y	Vendor Rate Scheme
TRD_SWAP	LAST_MODIFIED	created in 3.8.0	DATE	7	Y	last_modified
VBD_ORIGIN_GROUP	-- Table --	created in 3.8.0				Origin group of Volume base Deal
VBD_ORIGIN_GROUP	ANI_GRP_ID	created in 3.8.0	NUMBER	22	Y	ID origin group
VBD_ORIGIN_GROUP	DEAL_ID	created in 3.8.0	NUMBER	22	Y	Deal ID



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
POST:activate_user	activation_url	created in 3.8.0	Activate new user after register	0	Activation URL	0	0	string	body		
GET:sms_edr	cnt	created in 3.8.0	Get SMS EDR list	1	cnt	1	1	integer	body	4	
GET:sms_edr	vendor_product_id	created in 3.8.0	Get SMS EDR list	1	Vendor Product ID	0	0	integer	query		
GET:user	lang	changed in 3.8.0	Get user list	1	User language (Currently supported: [ENG], ESP, RUS, ITA)	1	1	string	body	12	{ "type": "list", "values": ["ENG", "ESP", "RUS", "ITA"] }
POST:user	lang	changed in 3.8.0	Add new user	1	User language (Currently	0	0	string	body		{ "type": "list",



REST API changes

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
					supported: [ENG], ESP, RUS, ITA)						"values": ["ENG", "ESP", "RUS", "ITA"] }
POST:user	user_2fa_enabled	created in 3.8.0	Add new user	1	user_2fa_enabled code	0	0	number	body		{"type":"list", "values":[0,1]}
GET:user/{id}	lang	changed in 3.8.0	Get specific user	1	User language (Currently supported: [ENG], ESP, RUS, ITA)	1	1	string	body		{ "type": "list", "values": ["ENG", "ESP", "RUS", "ITA"] }
PUT:user/{id}	lang	changed in 3.8.0	Update specific user	1	User language (Currently supported: [ENG], ESP, RUS, ITA)	0	0	string	body		{ "type": "list", "values": ["ENG", "ESP", "RUS", "ITA"] }