**S A N D E Z A**

**API’s Document v.1.8.3**

Contents

**[Revision History](#_Toc135932576)** [3](#_Toc135932576)

**[1.](#_Toc135932577)****[Sandeza Architecture](#_Toc135932577)** [4](#_Toc135932577)

**[2.](#_Toc135932578)****[Sandeza API](#_Toc135932578)** [4](#_Toc135932578)

**[2.1](#_Toc135932579)****[JSON Structure – Single Channel](#_Toc135932579)** [4](#_Toc135932579)

**[2.1.1 Channel SMS :](#_Toc135932580)** [4](#_Toc135932580)

**[2.1.2 Channel Email](#_Toc135932581)** [5](#_Toc135932581)

**[2.1.3 Channel Whatsapp](#_Toc135932582)** [6](#_Toc135932582)

**[2.1.4 Channel Line](#_Toc135932583)** [8](#_Toc135932583)

**[2.1.5 Channel Telegram](#_Toc135932584)** [9](#_Toc135932584)

**[2.1.6 Channel Facebook](#_Toc135932585)** [9](#_Toc135932585)

**[2.2](#_Toc135932586)****[JSON Structure – Send Primary Backup](#_Toc135932586)** [10](#_Toc135932586)

**[2.3 JSON Structure – Send All Channel](#_Toc135932587)** [11](#_Toc135932587)

**[2.4 Description](#_Toc135932588)** [12](#_Toc135932588)

**[2.5 JSON Response](#_Toc135932589)** [16](#_Toc135932589)

**[2.6 Delivery Status](#_Toc135932590)** [17](#_Toc135932590)

**[2.7 Inquiry Status](#_Toc135932591)** [18](#_Toc135932591)

# **Revision History**

|  |  |  |
| --- | --- | --- |
| **Date** | **Subject** | **Author** |
| 10/01/2018 | New parameter (type) | Wandi |
| 31/01/2018 | Multi social messaging parameter | Wandi |
| 07/10/2019 | New parameter (host, created\_by) | Santo |
| 11/11/2019 | New parameter (backup\_on, backup\_exp), delete parameter (created\_by, order) | Wandi |
| 28/01/2020 | New parameter (attachment) | Wandi |
| 10/03/2020 | Architecture | Wandi |
| 16/03/2020 | Remove parameter | Wandi |
| 26/05/2020 | Whatsapp Parameters | Wandi |
| 05/10/2020 | Whatsapp parameters, Email parameters, sample JSON Request | Sekar |
| 06/10/2020 | Update description parameter | Chandra |
| 12/04/2021 | Update JSON Structure, Update description parameter, remove parameter ‘tipe’ in JSON parameter channel email and whatsapp, update JSON response and response code | Sekar |
| 25/08/2021 | Add API Inquiry Status | Chandra |
| 25/05/2023 | Add Description Status Delivery | Chandra |
| 26/06/2023 | Add Parameter Button | Ahmad Utami |
| 01/02/2024 | Add parameter price pada statu delivery ke client | Ahmad Utami |

# **Sandeza Architecture**

****

# **Sandeza API**

URL : {base url}/json/cgw

## **JSON Structure – Single Channel**

### **2.1.1 Channel SMS :**

{

 "signature": "fbc1555547bde0b1da581fba1c28880ac7a76a53396e64dd7f8b1e4a5eea90b8",

 "time": "1608720322",

 "type": "2",

 "username": "s4nd3zaBr0d",

 "ref\_id": "reffid-sms-001",

 "subject": "example subject",

 "sender\_id": "5pr1n7",

"budget\_code": "tes sandeza",

 "channel": {

 "sms": {

 "message": "tes sandeza",

 "msisdn": "62858xxxxxxxx",

 "backup\_on": "",

 "backup\_exp": ""

 }

 }

}

### **2.1.2 Channel Email**

**Email Plain text :**

{

 "signature": "fbc1555547bde0b1da581fba1c28880ac7a76a53396e64dd7f8b1e4a5eea90b8",

 "time": "1608720322",

 "type": "2",

 "created\_by": "admin",

 "username": "s4nd3zaBr0d",

 "ref\_id": "reffid-email-001",

 "subject": "example subject",

 "sender\_id": "5pr1n7",

"budget\_code": "tes sandeza",

 "channel": {

 "email": {

 "message": "tes email",

 "email": "admin@sprintasia.co.id",

 "attachment": "",

 "template\_id": "",

 "backup\_on": "",

 "backup\_exp": ""

 }

 }

}

**Email Template :**

{

 "signature": "fbc1555547bde0b1da581fba1c28880ac7a76a53396e64dd7f8b1e4a5eea90b8",

 "time": "1608720322",

 "type": "2",

 "created\_by": "admin",

 "username": "s4nd3zaBr0d",

 "ref\_id": "reffid -email-002",

 "subject": "example subject",

 "sender\_id": "5pr1n7",

"budget\_code": "tes sandeza",

 "channel": {

 "email": {

 "message": "nama:sprint;alamat:Jl. Fatmawati",

 "email": "admin@sprintasia.co.id",

 "attachment": "",

 "template\_id": "template-email-001",

 "backup\_on": "",

 "backup\_exp": ""

 }

 }

}

### **2.1.3 Channel Whatsapp**

**Template Static :**

{

 "signature": "fbc1555547bde0b1da581fba1c28880ac7a76a53396e64dd7f8b1e4a5eea90b8",

 "time": "1608720322",

 "type": "2",

 "username": "s4nd3zaBr0d",

 "ref\_id": "reffid-whatsapp-001",

 "subject": "example subject",

 "sender\_id": "5pr1n7",

"budget\_code": "tes sandeza",

 "channel": {

 "whatsapp": {

 "message": "",

 "msisdn": "62858xxxxxxxx",

 "attachment": "",

 "template\_id": "thankyou",

 "backup\_on": "",

 "backup\_exp": ""

 }

 }

}

**Template Dynamic :**

{

 "signature": "fbc1555547bde0b1da581fba1c28880ac7a76a53396e64dd7f8b1e4a5eea90b8",

 "time": "1608720322",

 "type": "2",

 "username": "s4nd3zaBr0d",

 "ref\_id": "reffid-whatsapp-002",

 "subject": "contoh subject",

 "sender\_id": "5pr1n7",

"budget\_code": "tes sandeza",

 "channel": {

 "whatsapp": {

 "msisdn": "62858xxxxxxxx",

 "template\_id": "otp\_layanan",

 "message": "text:=:12345",

 "attachment": "",

 "backup\_on": "",

 "backup\_exp": ""

 }

 }

}

**Template with Header Text :**

{

 "signature": "fbc1555547bde0b1da581fba1c28880ac7a76a53396e64dd7f8b1e4a5eea90b8",

 "time": "1608720322",

 "type": "2",

 "username": "s4nd3zaBr0d",

 "ref\_id": "reffid-whatsapp-003",

 "subject": "contoh subject",

 "sender\_id": "5pr1n7",

"budget\_code": "tes sandeza",

 "channel": {

 "whatsapp": {

 "msisdn": "62858xxxxxxxx",

 "template\_id": "thankyou\_text",

 "header": "text:=:Sandeza",

 "message": "text:=:Sprint||text:=:Sandeza",

 "attachment": "",

 "backup\_on": "",

 "backup\_exp": ""

 }

 }

}

**Template with Header Image :**

{

 "signature": "fbc1555547bde0b1da581fba1c28880ac7a76a53396e64dd7f8b1e4a5eea90b8",

 "time": "1608720322",

 "type": "2",

 "username": "s4nd3zaBr0d",

 "ref\_id": "reffid-whatsapp-004",

 "subject": "example subject",

 "sender\_id": "5pr1n7",

"budget\_code": "tes sandeza",

 "channel": {

 "whatsapp": {

 "msisdn": "62858xxxxxxxx",

 "template\_id": "thankyou\_image",

 "header": "image:=:https://media.sandeza.id/PT.%20Sprint%20Asia/Marketing/sandeza.png",

 "message": "text:=:pagi||text:=:Sprint",

 "attachment": "",

 "backup\_on": "",

 "backup\_exp": ""

 }

 }

}

**Template with Header Document :**

{

 "signature": "fbc1555547bde0b1da581fba1c28880ac7a76a53396e64dd7f8b1e4a5eea90b8",

 "time": "1608720322",

 "type": "2",

 "username": "s4nd3zaBr0d",

 "ref\_id": "reffid-whatsapp-005",

 "subject": "example subject",

 "sender\_id": "5pr1n7",

"budget\_code": "tes sandeza",

 "channel": {

 "whatsapp": {

 "msisdn": "62858xxxxxxxx ",

 "template\_id": "thankyou\_document",

 "header": "document:=:https://media.sandeza.id/PT.%20Sprint%20Asia/Marketing/Sandeza.pdf",

 "message": "text:=:Sprint",

 "attachment": "",

 "backup\_on": "",

 "backup\_exp": ""

 }

 }

}

**Template with Button:**

{

 "signature": "fbc1555547bde0b1da581fba1c28880ac7a76a53396e64dd7f8b1e4a5eea90b8",

 "time": "1608720322",

 "type": "2",

 "username": "s4nd3zaBr0d",

 "ref\_id": "reffid-whatsapp-005",

 "subject": "example subject",

 "sender\_id": "5pr1n7",

"budget\_code": "tes sandeza",

 "channel": {

 "whatsapp": {

 "msisdn": "62858xxxxxxxx ",

 "template\_id": "sample\_template\_otp",

 "header": "",

 "message": "text:=:123456",

 "button":"button:=:url:=:123456",

 "attachment": "",

 "backup\_on": "",

 "backup\_exp": ""

 }

 }

}

**Template with Header Document & Button:**

{

 "signature": "fbc1555547bde0b1da581fba1c28880ac7a76a53396e64dd7f8b1e4a5eea90b8",

 "time": "1608720322",

 "type": "2",

 "username": "s4nd3zaBr0d",

 "ref\_id": "reffid-whatsapp-005",

 "subject": "example subject",

 "sender\_id": "5pr1n7",

"budget\_code": "tes sandeza",

 "channel": {

 "whatsapp": {

 "msisdn": "62858xxxxxxxx ",

 "template\_id": "sample\_document\_button",

 "header": "document:=:https://media.sandeza.id/PT.%20Sprint%20Asia/Marketing/Sandeza.pdf",

 "message": "text:=:Sprint",

 "button":"button:=:url:=:login.html",

 "attachment": "",

 "backup\_on": "",

 "backup\_exp": ""

 }

 }

}

### **2.1.4 Channel Line**

{

 "signature": "fbc1555547bde0b1da581fba1c28880ac7a76a53396e64dd7f8b1e4a5eea90b8",

 "time": "1608720322",

 "type": "2",

 "created\_by": "admin",

 "username": "s4nd3zaBr0d",

 "ref\_id": "reffid-line-001",

 "subject": "example subject",

 "sender\_id": "5pr1n7",

"budget\_code": "tes sandeza",

 "channel": {

 "line": {

 "message": "tes sprint",

 "chat\_id": "U4a5d496a17259bde978850xxxxxxxxxx",

 "attachment": "",

 "backup\_on": "",

 "backup\_exp": ""

 }

 }

}

### **2.1.5 Channel Telegram**

{

 "signature": "fbc1555547bde0b1da581fba1c28880ac7a76a53396e64dd7f8b1e4a5eea90b8",

 "time": "1608720322",

 "type": "2",

 "created\_by": "admin",

 "username": "s4nd3zaBr0d",

 "ref\_id": " reffid -telegram-001",

 "subject": "example subject",

 "sender\_id": "5pr1n7",

"budget\_code": "tes sandeza",

 "channel": {

 "telegram": {

 "message": "tes sprint",

 "chat\_id": "39xxxxxxx",

 "attachment": "",

 "backup\_on": "",

 "backup\_exp": ""

 }

 }

}

### **2.1.6 Channel Facebook**

{

 "signature": "fbc1555547bde0b1da581fba1c28880ac7a76a53396e64dd7f8b1e4a5eea90b8",

 "time": "1608720322",

 "type": "2",

 "created\_by": "admin",

 "username": "s4nd3zaBr0d",

 "ref\_id": "reffid-facebook-001",

 "subject": "example subject",

 "sender\_id": "5pr1n7",

"budget\_code": "tes sandeza",

 "channel": {

 "facebook": {

 "message": "tes sprint",

 "chat\_id": "3444386822xxxxxx",

 "attachment": "",

 "backup\_on": "",

 "backup\_exp": ""

 }

 }

}

## **JSON Structure – Send Primary Backup**

Sample : SMS as Primary and Telegram as Backup

{

 "signature": "fbc1555547bde0b1da581fba1c28880ac7a76a53396e64dd7f8b1e4a5eea90b8",

 "time": "1608720322",

 "type": "1",

 "username": "s4nd3zaBr0d",

 "ref\_id": "reffid-primarybackup-001",

 "subject": "example subject",

 "sender\_id": "5pr1n7",

"budget\_code": "tes sandeza",

 "channel": {

 "sms": {

 "message": "tes sandeza primary",

 "msisdn": "6285810000278",

 "backup\_on": "1;2;3",

 "backup\_exp": "0;0;10"

 },

 "telegram": {

 "message": "tes sandeza backup",

 "chat\_id": "396734758",

 "attachment": "",

 "backup\_on": "",

 "backup\_exp": ""

 }

 }

}

## **2.3 JSON Structure – Send All Channel**

{

 "signature": "fbc1555547bde0b1da581fba1c28880ac7a76a53396e64dd7f8b1e4a5eea90b8",

 "time": "1608720322",

 "type": "2",

 "username": "s4nd3zaBr0d",

 "ref\_id": "reffid-sendall-001",

 "subject": "example subject",

 "sender\_id": "5pr1n7",

"budget\_code": "tes sandeza",

 "channel": {

 "sms": {

 "message": "tes sandeza send all",

 "msisdn": "6285810000278",

 "backup\_on": "",

 "backup\_exp": ""

 },

 "telegram": {

 "message": "tes sandeza send all",

 "chat\_id": "396734758",

 "attachment": "https://media.sandeza.id/PT.%20Sprint%20Asia/Marketing/sandeza.png",

 "backup\_on": "",

 "backup\_exp": ""

 },

 "email": {

 "message": "tes sandeza send all",

 "email": "admin@sprintasia.co.id",

 "attachment": "",

 "template\_id": "",

 "tipe": "plaintext",

 "backup\_on": "",

 "backup\_exp": ""

 },

 "line": {

 "message": "tes sandeza send all",

 "chat\_id": "U4a5d496a17259bde9788507064808499",

 "attachment": "https://media.sandeza.id/PT.%20Sprint%20Asia/Marketing/Sandeza.pdf",

 "backup\_on": "",

 "backup\_exp": ""

 },

 "whatsapp": {

 "message": "",

 "msisdn": "6285810000278",

 "attachment": "",

 "template\_id": "thankyou\_chatbot",

 "backup\_on": "",

 "backup\_exp": ""

 }

 }

}

## **2.4 Description**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type Allowed** | **Description** | **Required** |
| type | N (Numeric) | 1 (Send Primary Backup), 2 (Single channel / Send All) | Mandatory |
| username | AN (Alpha Numeric) | Username Division | Mandatory |
| ref\_id | AN (Alpha Numeric) (< 40) | Unique Id generated by client (lowercase) | Mandatory |
| time | STRTOTIME (YYYYMMDDHHIISS) | Current Request Time | Mandatory |
| signature | SHA 256 Hash | Encrypted (Username+Password+Time), time refers to time field | Mandatory |
| subject | ANS (Alpha Numeric Space) (< 100) | Sending Message Subject | Mandatory |
| sender\_id | ANS (Alpha Numeric Space) | Sender Name (provided by sprint) | Mandatory |
| budget\_code | ANS (Alpha Numeric Space) | Additional information | Optional |
| **SMS** |
| msisdn | N (Numeric), Plus (+) | Mobile phone number, with 0, 62 or + | Mandatory |
| message | Text | Message to be sent*Sample :*YTH. Bapak/Ibu…… | Mandatory |
| backup\_on | AN (Alpha Numeric) | Format : status1;status2Mapping :1 – Unsent2 – Undelivered3 – Pending4 – Failed*Sample :*1;3 | Optional |
| backup\_exp | AN (Alpha Numeric) | Expire in minutes. Except pending, set 0.Format : expire1;expire2*Sample :*0;10 | Optional |
| **Email** |
| email | Valid Email Format | Valid email format | Mandatory |
| template\_id | AN (Alpha Numeric) | Id template generated from sandeza web | Optional |
| message | Text | * Static with template : Set Empty
* Static without template : Body (Non HTML format)

*Sample :*YTH. Bapak/Ibu……* Dynamic with template : Dynamic Values

Separator : ;*Sample :* nama:Sprint;alamat:Jl. Fatmawati | Optional |
| attachment | Text | Path Format : https://Path/filenameNote : https protocol is a mustFile Extension :**Email :** jpg, png, xls, xlsx, pdf, ppt, pptx, doc, docx, wav, mp4, txtMax Size : 2MB/fileSeparator : ;*Sample :*https://www.domain.com/test.pdf; https://www. domain.com/test2.pdf | Optional |
| backup\_on | AN (Alpha Numeric) | Format : status1;status2Mapping :1 – Unsent2 – Undelivered 3 – Pending5 – Spam6 – Bounced7 – Blacklist*Sample :*1;3 | Optional |
| backup\_exp | AN (Alpha Numeric) | Expire in minutes. Except pending, set 0.Format : expire1;expire2*Sample :*0;5 | Optional |
| **Social Messenger (Line, Telegram, Facebook)** |
| chat\_id | AN (Alpha Numeric) | Social id / metadata id  | Mandatory |
| message | Text | Body (Non HTML format)*Sample :*YTH. Bapak/Ibu…… | Mandatory |
| attachment | Text | Path Format : https://Path/filenameNote : https protocol is a mustFile Extension :**Line :** jpg, png**Telegram :** jpg, png, pdf, mp4**Facebook :** jpg, png, xls, xlsx, pdf, ppt, pptx, doc, docx, wav, mp4, txtMax File Size : 2MB/fileSeparator : ;*Sample :*https://www.domain.com/test.pdf; https://www. domain.com/test2.pdf | Optional |
| backup\_on | AN (Alpha Numeric) | Format : status1;status2Mapping :1 – Unsent3 – Pending4 – Failed*Sample :*1;4 | Optional |
| backup\_exp | AN (Alpha Numeric) | Expire in minutes. Except pending, set 0.Format : expire1;expire2*Sample :*0;0 | Optional |
| **Whatsapp** |
| msisdn | N (Numeric), Plus (+) | Mobile phone number, with 0, 62 or + | Mandatory |
| template\_id | AN (Alpha Numeric) | Template Id registered | Mandatory |
| header | Text | Message on headerFormat : type:=:valueType : text, document, image*Sample :*Text : text:=:SprintDoc : document:=:https://www.domain.com/test.pdfImage : image:=:https://www.domain.com/test.jpg | Optional |
| message | Text | Message on bodyFormat : type:=:value1||type:=:value2Type : textSeparator : ||*Sample :*text:=:Sprint||text:=:SandezaNOTE : Jika template type authentication, value text pada **message** harus sama dengan value\_otp pada **button** | Mandatory |
| button | Text | Message on buttonFormat : 1. Template button otp :

- button:=:url:=:value\_otp1. Template button visit website :

- button:=:url:=:value\_path\_urlType : button url*Sample :*1. button:=:url:=:123456
2. button:=:url:=:login.html

NOTE : Jika template type authentication, value text pada **message** harus sama dengan value\_otp pada **button** | Optional |
| attachment | Text | Path Format : https://Path/filenameNote : https protocol is a mustFile Extension :**Whatsapp :** jpg, png, xls, xlsx, pdf, ppt, pptx, doc, docx, wav, mp4, txtMax Size : 2MB/fileSeparator : ;*Sample :*https://www.domain.com/test.pdf; https://www. domain.com/test2.pdf | Optional |
| backup\_on | AN (Alpha Numeric) | Format : status1;status2Mapping :1 – Unsent2 – Undelivered3 – Pending4 – Failed9 – Delivered*Sample :*2;3 | Optional |
| backup\_exp | AN (Alpha Numeric) | Expire in minutes. Except pending, set 0.Format : expire1;expire2*Sample :*0;10 | Optional |

## **2.5 JSON Response**

{

 "rc": "0",

 "ref\_id": "reffid-sms-001",

 "code\_sms": "wMjAyMTA0MTQwODA2MjMxNTg3MTQ4NzQS",

 "reason\_status": ""

}

Reason status is detail reason while rc not 0

{

 "rc": "8",

 "ref\_id": "reffid-emaile-000cd",

 "code\_sms": "",

 "reason\_status": "Unknown Sender Id"

}

Description

|  |  |
| --- | --- |
| **RC** | **Description** |
| 0 | Success |
| 1 | Invalid Parameter / Invalid JSON Format |
| 2 | Internal Server Error |
| Channel Not Found |
| Invalid Parameter Channel |
| Config Not Found |
| Corporate Not Found |
| Routes Not Found |
| Template Not Found |
| Role email validation not found |
| 3 | Invalid Recipient |
| 4 | Invalid Sign |
| 5 | Invalid Corporate |
| 6 | Not Ip Whitelist |
| 7 | Not Enough Token |
| 8 | Unknown Sender Id |
| 9 | Invalid Refnum |
| 10 | Invalid user OTP |

## **2.6 Delivery Status**

We will provide the delivery status to your backend. You should to prepare the recipient API with the following rules :

JSON Request

{

 "status" : 1,

 "channel" : "1",

 "ref\_id" : "35252-n8pd9-0djr8-09ds",

 "time" : "2020-04-01 10:00:00",

"price" : "PAID"

}

Description

|  |  |  |
| --- | --- | --- |
| **Field** | **Type Allowed** | **Description** |
| status | N (1) | 1 : Delivered2 : Undelivered3 : Pending4 : Unsent Sprint5 : Failed 6 : Unknown7 : Opened8 : Clicked9 : Read10 : Spam11 : Bounced12 : Blacklist13 : Ringing Not Answered (RNA)14 : Delivery Backup Not Used15 : Unsent From Opt16 : Sent From Opt |
| channel | N (1) | 1 : SMS2 : Line3 : Email4 : Facebook5 : Telegram7 : Whatsapp |
| ref\_id | AN (30) | Unique Id |
| price | AN (20) | PAID : berbayarFREE : tidak berbayarON PROCESS : sedang process |

JSON Response

{

 "code" : "0",

 "response" : "Success"

}

|  |  |
| --- | --- |
| **RC** | **Description** |
| 0 | Success |
| 1 | Failed |

## **2.7 Inquiry Status**

This API that provides the status of the request that has been sent.

URL : {base url}/inq\_status.php

JSON Request

{

 "codetrx" : "mMjAyMTAzMDQxNDM2NDM2NjQ5Nzk4ODgc",

 "channel” : ["sms","whatsapp"]

 "datetime" : "2021-03-04"

}

Description

|  |  |  |
| --- | --- | --- |
| **Field** | **Type Allowed** | **Description** |
| codetrx | AN (50) | From “code\_sms” |
| channel | AN (1) | * SMS
* Line
* Email
* Facebook
* Telegram
* Whatsapp
 |
| datetime | AN (10) | Format : YYYY-MM-DD |

JSON Response

{

 "rc" : "0",

 "desc" : "Data Found"

 "data" : {

 "sms" : [

 {

 "recipient" : "6285244444444",

 "status\_send" : "0"

 "time\_send" : "2021-03-04 14:33:33"

 "desc\_send" : "unsent"

 "status\_dlvr" : "4"

 "time\_dlvr" : "2021-03-04 14:33:33"

 "desc\_dlvr" : "unsent sprint"

 "operator" : "Telkomsel"

}

],

"sms" : [

 {

 "recipient" : "6285244444444",

 "status\_send" : "0",

 "time\_send" : "2021-03-04 14:33:32",

 "desc\_send" : "unsent",

 "status\_dlvr" : "4",

 "time\_dlvr" : "2021-03-04 14:33:32",

 "desc\_dlvr" : "unsent sprint"

}

]

}

}

Description

|  |  |  |
| --- | --- | --- |
| **Field** | **Type Allowed** | **Description** |
| rc | AN (1) | 0 : Success1 : Failed |
| desc | AN (30) | 0 : Data Found1 : Data Not Found |
| recipient | AN (30) | Destination Message |
| status\_send | N (1) | 0 : Unsent1 : Sent |
| time\_send | AN (10) | Format : YYYY-MM-DD HH:ii:ss |
| desc\_send | AN (20) | Description status sent/unsent |
| status\_dlvr | N (1) | 1 : Delivered2 : Undelivered3 : Pending4 : Unsent Sprint5 : Failed 6 : Unknown7 : Opened8 : Clicked9 : Read10 : Spam11 : Bounced12 : Blacklist13 : Ringing Not Answered (RNA)14 : Delivery Backup Not Used15 : Unsent From Opt16 : Sent From Opt |
| time\_dlvr | AN (10) | Format : YYYY-MM-DD HH:ii:ss |
| desc\_dlvr | AN (20) | Description status delivery |
| operator | AN (15) | * Telkomsel
* Excelcom
* Indosat
* Hutchinson
* Smartfren
* International
 |