### Web to TM Request Message Format

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SN | Field Name | Max  Length | Type | M/O | Description |
| Bank Wide Header (420 bytes) | | | | | |
| 1 | Request machine serial number | 8 | A | O | Blanks |
| 2 | Request channel ID | 5 | A | O | Terminal id |
| 3 | Request ESB program name | 10 | A | O | Blanks |
| 4 | Timestamp before request message output | 14 | A | O | Blanks |
| 5 | Timestamp after response message input | 14 | A | O | Blanks |
| 6 | Service Request ID | 16,0 | N | M | Unique id set by channel |
| 7 | Service Request Code | 15 | A | M | Service code  S8003 – Inward DD  S8005 – Inward FT  S8012 – DD reversal  S8014 – Cancellation |
| 8 | Error Recovery Reversal Flag | 1 | A | O | N |
| 9 | Business Driven Reversal Flag | 1 | A | O | N |
| 10 | UPP time out period | 3,0 | N | M | 030 |
| 11 | UPP Message expiry period | 3,0 | N | M | 025 |
| 12 | Filler | 49 | A | O | Blanks |
| 13 | Reply message Queue name | 48 | A | O | Blanks |
| 14 | Filler | 33 | A | O | Blanks |
| 15 | Timestamp after message input | 14 | A | O | Blanks |
| 16 | Timestamp before message output | 14 | A | O | Blanks |
| 17 | Request message input queue name | 48 | A | O | Blanks |
| 18 | Reply message output Queue name | 48 | A | O | Blanks |
| 19 | Status code | 7,0 | N | O | 0 |
| 20 | Host error code | 5 | A | O | Blanks |
| 21 | Host error description | 35 | A | O | Blanks |
| 22 | Completion code | 1 | A | O | Blanks |
| 23 | Reason code | 4 | A | O | Blanks |
| 24 | Request message ID | 24 | A | O | Blanks |
| Common Appplication Header (420 bytes) | | | | | |
| 25 | Originating system | 5 | A | M | WEB |
| 26 | Originating country | 2 | A | M | SG |
| 27 | Destination | 5 | A | M | EPS |
| 28 | Destination country | 2 | A | M | SG |
| 29 | Transaction code | 5 | A | M | Service code  S8003 – Inward DD  S8005 – Inward FT  S8012 – DD reversal  S8014 – Cancellation |
| 30 | Branch/Cost center | 5,0 | N | O | 0 |
| 31 | Terminal ID | 10 | A | O | Workstation ID |
| 32 | Journal sequence number | 11,0 | N | O | Unique running sequence |
| 33 | Response code | 4 | A | O | Blanks |
| 34 | Response description | 40 | A | O | Blanks |
| 35 | Return data queue name | 10 | A | M | Response queue name |
| 36 | Client user id | 10 | A | O | User id |
| 37 | Client transaction date and time | 14,0 | N | O | 0 |
| 38 | Original user id | 10 | A | O | Null |
| 39 | Original user update timestamp | 14,0 | N | O | 0 |
| 40 | Response date and time | 14,0 | N | O | 0 |
| 41 | EC indicator | 1 | A | M | N |
| 42 | Original journal sequence | 11,0 | N | O | 0 |
| 43 | More record indicator | 1 | A | M | E |
| 44 | Last record key | 80 | A | O | Blanks |
| 45 | Hash total number | 5,0 | N | O | 0 |
| 46 | Approval ID | 11,0 | N | O | 0 |
| 47 | Message signature | 128 | A | O | Unique message signature |
| 48 | Journal sub sequence number | 3,0 | N | M | 0 |
| 49 | Filler | 19 | A | O | Blanks |
| Business Application Header (290 bytes) | | | | | |
| 50 | Message sender identifier | 35 | A | M | Originating BIC, value from sfs\_bic |
| 51 | Message receiver identifier | 35 | A | M | Receiver BIC, value from sfs\_bic |
| 52 | Business message identifier | 35 | A | M | Unique value |
| 53 | Message definition identifier | 35 | A | M | Unique value |
| 54 | Instruction identification | 35 | A | M | Unique value |
| 55 | Creation date | 26 | A | M | Message creation date and time |
| 56 | Copy duplicate | 4 | A | O | Blanks |
| 57 | Transaction status | 4 | A | O | Blanks  ACTC/RJCT/CNCL |
| 58 | Reason code | 35 | A | O | Banks |
| 59 | Acceptance date time | 26 | A | O | Blanks |
| 60 | Clearing system code | 4 | A | M | MEP |
| 61 | Repeat counter | 3,0 | N | O | 0 |
| 62 | Routing code | 3,0 | N | O | 0 |
| 63 | Store and forward indicator | 1 | A | O | Blanks |
| 64 | Filler | 9 | A | O | Blanks |
| Common Request Information (300 bytes) | | | | | |
| 65 | Originating account number | 35 | A | M | Account number |
| 66 | Originating account currency | 3 | A | O | Blanks |
| 67 | Debtor account number | 35 | A | M | Account number |
| 68 | Debtor account currency | 3 | A | O | Blanks |
| 69 | Debtor account type | 3 | A | O | Blanks |
| 70 | Creditor account number | 35 | A | M | Account number |
| 71 | Creditor account currency | 3 | A | O | Blanks |
| 72 | Creditor account type | 3 | A | O | Blanks |
| 73 | Mandate identification | 35 | A | M | Direct debit authorization identification |
| 74 | Message identification | 35 | A | M | Unique reference |
| 75 | Start date range | 8,0 | N | O | 0 |
| 76 | End date range | 8,0 | N | O | 0 |
| 77 | Clearing amount | 19,2 | N | O | 0 |
| 78 | Channel code | 4 | A | O | Blanks |
| 79 | Filler | 71 | A | O | Blanks |
| Request Transaction Detail Information (1500 bytes) | | | | | |
| 80 | Debtor agent | 35 | A | M | BIC |
| 81 | Debtor name | 140 | A | M | Debtor name |
| 82 | Ultimate debtor name | 140 | A | O | Blanks |
| 83 | Creditor agent | 35 | A | M | BIC |
| 84 | Creditor name | 140 | A | M | Creditor name |
| 85 | Ultimate creditor name | 140 | A | O | Blanks |
| 86 | Total interbank settlement currency | 3 | A | M | SGD |
| 87 | Total interbank settlement amount | 19,2 | N | M | Transaction amount |
| 88 | Number of transactions | 15,0 | N | M | 1 |
| 89 | Settlement method | 4 | A | M | CLRG |
| 90 | End to end identification | 35 | A | M | Customer reference |
| 91 | Transaction identification | 35 | A | M | Unique identification |
| 92 | Interbank settlement currency | 3 | A | M | SGD |
| 93 | Interbank settlement amount | 19,2 | N | M | Transaction amount |
| 94 | Clearing system reference | 35 | A | M | Settlement cycle |
| 95 | Interbank settlement date | 26 | A | M | Settlement date |
| 96 | Charge bearer | 4 | A | M | SLEV |
| 97 | Purpose code | 4 | A | M | Purpose |
| 98 | Service level code | 4 | A | M |  |
| 99 | Remittance information | 140 | A | O | Blanks |
| 100 | Charge account number | 35 | A | O | Blanks |
| 101 | Charge account currency | 3 | A | O | Blanks |
| 102 | Penalty charge amount | 19,2 | N | O | 0 |
| 103 | Service charge amount | 19,2 | N | O | 0 |
| 104 | Charge code | 4 | A | O | Blanks |
| 105 | SIC 1 | 1 | A | O | Blanks |
| 106 | SIC 2 | 1 | A | O | Blanks |
| 107 | SIC 3 | 1 | A | O | Blanks |
| 108 | SIC 4 | 1 | A | O | Blanks |
| 109 | Create source | 4 | A | O | Blanks |
| 110 | Creation date | 8,0 | N | O | 0 |
| 111 | Creation time | 6,0 | N | O | 0 |
| 112 | Maintenance user | 10 | A | O | Blanks |
| 113 | Maintenance terminal id | 10 | A | O | Blanks |
| 114 | Maintenance date | 8,0 | N | O | 0 |
| 115 | Maintenance time | 6,0 | N | O | 0 |
| 116 | Checker id | 10 | A | O | Blanks |
| 117 | Checker terminal id | 10 | A | O | Blanks |
| 118 | Checker date | 8,0 | N | O | 0 |
| 119 | Checker time | 6,0 | N | O | 0 |
| 120 | Filler | 354 | A | O | Blanks |
| Direct Debit Reversal Information (1000 bytes) | | | | | |
| 121 | Original message identifier | 35 | A | O | Blanks |
| 122 | Original instruction identification | 35 | A | O | Blanks |
| 123 | Original message definition identification | 35 | A | O | Blanks |
| 124 | Original time | 26 | A | O | Blanks |
| 125 | Original interbank settlement currency | 3 | A | O | Blanks |
| 126 | Original interbank settlement amount | 19,2 | N | O | 0 |
| 127 | Original interbank settlement date | 26 | A | O | 0 |
| 128 | Proprietary | 128 | A | O | Blanks |
| 129 | Reversal reason information | 35 | A | O | Blanks |
| 130 | Reason code | 4 | A | O | Blanks |
| 131 | Filler | 654 | A | O | Blanks |
| RBK Response Information (100 bytes) | | | | | |
| 132 | Business date | 8,0 | N | O | 0 |
| 133 | OA available balance | 19,2 | N | O | 0 |
| 134 | OA available balance sign | 1 | A | O | Blanks |
| 135 | OA ledger balance | 19,2 | N | O | 0 |
| 136 | OA ledger balance sign | 1 | A | O | Blanks |
| 137 | RA available balance | 19,2 | N | O | 0 |
| 138 | RA available balance sign | 1 | A | O | Blanks |
| 139 | RA ledger balance | 19,2 | N | O | 0 |
| 140 | RA ledger balance sign | 1 | A | O | Blanks |
| 141 | Filler | 12 | A | O | Blanks |
| FX Information (300 bytes) | | | | | |
| 142 | FX bank 1 | 2 | A | O | Blanks |
| 143 | FX contract 1 | 10 | A | O | Blanks |
| 144 | FX currency 1 | 3 | A | O | Blanks |
| 145 | FX contract amount 1 | 19,2 | N | O | 0 |
| 146 | FX bank 2 | 2 | A | O | Blanks |
| 147 | FX contract 2 | 10 | A | O | Blanks |
| 148 | FX currency 2 | 3 | A | O | Blanks |
| 149 | FX contract amount 2 | 19,2 | N | O | 0 |
| 150 | FX bank 3 | 2 | A | O | Blanks |
| 151 | FX contract 3 | 10 | A | O | Blanks |
| 152 | FX currency 3 | 3 | A | O | Blanks |
| 153 | FX contract amount 3 | 19,2 | N | O | 0 |
| 154 | FX bank 4 | 2 | A | O | Blanks |
| 155 | FX contract 4 | 10 | A | O | Blanks |
| 156 | FX currency 4 | 3 | A | O | Blanks |
| 157 | FX contract amount 4 | 19,2 | N | O | 0 |
| 158 | FX bank 5 | 2 | A | O | Blanks |
| 159 | FX contract 5 | 10 | A | O | Blanks |
| 160 | FX currency 5 | 3 | A | O | Blanks |
| 161 | FX contract amount 5 | 19,2 | N | O | 0 |
| 162 | FX aggregate utilized ccy | 3 | A | O | Blanks |
| 163 | FX aggregate utilized amount | 19,2 | N | O | 0 |
| 164 | FX board rate | 13,7 | N | O | 0 |
| 165 | FX tolerance rate | 13,7 | N | O | 0 |

### TM to WEB Response Message Format

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SN | Field Name | Max  Length | Type | M/O | Description |
| Bank Wide Header (420 bytes) | | | | | |
| 1 | Request machine serial number | 8 | A | O | Blanks |
| 2 | Request channel ID | 5 | A | O | Terminal id |
| 3 | Request ESB program name | 10 | A | O | Blanks |
| 4 | Timestamp before request message output | 14 | A | O | Blanks |
| 5 | Timestamp after response message input | 14 | A | O | Blanks |
| 6 | Service Request ID | 16,0 | N | M | Unique id set by channel |
| 7 | Service Request Code | 15 | A | M | Service code  S8003 – Inward DD  S8005 – Inward FT  S8012 – DD reversal  S8014 – Cancellation |
| 8 | Error Recovery Reversal Flag | 1 | A | O | N |
| 9 | Business Driven Reversal Flag | 1 | A | O | N |
| 10 | UPP time out period | 3,0 | N | M | 030 |
| 11 | UPP Message expiry period | 3,0 | N | M | 025 |
| 12 | Filler | 49 | A | O | Blanks |
| 13 | Reply message Queue name | 48 | A | O | Blanks |
| 14 | Filler | 33 | A | O | Blanks |
| 15 | Timestamp after message input | 14 | A | O | Blanks |
| 16 | Timestamp before message output | 14 | A | O | Blanks |
| 17 | Request message input queue name | 48 | A | O | Blanks |
| 18 | Reply message output Queue name | 48 | A | O | Blanks |
| 19 | Status code | 7,0 | N | O | 0 |
| 20 | Host error code | 5 | A | O | Blanks |
| 21 | Host error description | 35 | A | O | Blanks |
| 22 | Completion code | 1 | A | O | Blanks |
| 23 | Reason code | 4 | A | O | Blanks |
| 24 | Request message ID | 24 | A | O | Blanks |
| Common Appplication Header (420 bytes) | | | | | |
| 25 | Originating system | 5 | A | M | WEB |
| 26 | Originating country | 2 | A | M | SG |
| 27 | Destination | 5 | A | M | EPS |
| 28 | Destination country | 2 | A | M | SG |
| 29 | Transaction code | 5 | A | M | Service code  S8003 – Inward DD  S8005 – Inward FT  S8012 – DD reversal  S8014 – Cancellation |
| 30 | Branch/Cost center | 5,0 | N | O | 0 |
| 31 | Terminal ID | 10 | A | O | Workstation ID |
| 32 | Journal sequence number | 11,0 | N | O | Unique running sequence |
| 33 | Response code | 4 | A | O | Blanks |
| 34 | Response description | 40 | A | O | Blanks |
| 35 | Return data queue name | 10 | A | M | Response queue name |
| 36 | Client user id | 10 | A | O | User id |
| 37 | Client transaction date and time | 14,0 | N | O | 0 |
| 38 | Original user id | 10 | A | O | Null |
| 39 | Original user update timestamp | 14,0 | N | O | 0 |
| 40 | Response date and time | 14,0 | N | O | 0 |
| 41 | EC indicator | 1 | A | M | N |
| 42 | Original journal sequence | 11,0 | N | O | 0 |
| 43 | More record indicator | 1 | A | M | E |
| 44 | Last record key | 80 | A | O | Blanks |
| 45 | Hash total number | 5,0 | N | O | 0 |
| 46 | Approval ID | 11,0 | N | O | 0 |
| 47 | Message signature | 128 | A | O | Unique message signature |
| 48 | Journal sub sequence number | 3,0 | N | M | 0 |
| 49 | Filler | 19 | A | O | Blanks |
| Business Application Header (290 bytes) | | | | | |
| 50 | Message sender identifier | 35 | A | M | Originating BIC, value from sfs\_bic |
| 51 | Message receiver identifier | 35 | A | M | Receiver BIC, value from sfs\_bic |
| 52 | Business message identifier | 35 | A | M | Unique value |
| 53 | Message definition identifier | 35 | A | M | Unique value |
| 54 | Instruction identification | 35 | A | M | Unique value |
| 55 | Creation date | 26 | A | M | Message creation date and time |
| 56 | Copy duplicate | 4 | A | O | Blanks |
| 57 | Transaction status | 4 | A | O | Blanks  ACTC/RJCT/CNCL |
| 58 | Reason code | 35 | A | O | Banks |
| 59 | Acceptance date time | 26 | A | O | Blanks |
| 60 | Clearing system code | 4 | A | M | MEP |
| 61 | Repeat counter | 3,0 | N | O | 0 |
| 62 | Routing code | 3,0 | N | O | 0 |
| 63 | Store and forward indicator | 1 | A | O | Blanks |
| 64 | Filler | 9 | A | O | Blanks |
| Common Request Information (300 bytes) | | | | | |
| 65 | Originating account number | 35 | A | M | Account number |
| 66 | Originating account currency | 3 | A | O | Blanks |
| 67 | Debtor account number | 35 | A | M | Account number |
| 68 | Debtor account currency | 3 | A | O | Blanks |
| 69 | Debtor account type | 3 | A | O | Blanks |
| 70 | Creditor account number | 35 | A | M | Account number |
| 71 | Creditor account currency | 3 | A | O | Blanks |
| 72 | Creditor account type | 3 | A | O | Blanks |
| 73 | Mandate identification | 35 | A | M | Direct debit authorization identification |
| 74 | Message identification | 35 | A | M | Unique reference |
| 75 | Start date range | 8,0 | N | O | 0 |
| 76 | End date range | 8,0 | N | O | 0 |
| 77 | Clearing amount | 19,2 | N | O | 0 |
| 78 | Channel code | 4 | A | O | Blanks |
| 79 | Filler | 71 | A | O | Blanks |
| Request Transaction Detail Information (1500 bytes) | | | | | |
| 80 | Debtor agent | 35 | A | M | BIC |
| 81 | Debtor name | 140 | A | M | Debtor name |
| 82 | Ultimate debtor name | 140 | A | O | Blanks |
| 83 | Creditor agent | 35 | A | M | BIC |
| 84 | Creditor name | 140 | A | M | Creditor name |
| 85 | Ultimate creditor name | 140 | A | O | Blanks |
| 86 | Total interbank settlement currency | 3 | A | M | SGD |
| 87 | Total interbank settlement amount | 19,2 | N | M | Transaction amount |
| 88 | Number of transactions | 15,0 | N | M | 1 |
| 89 | Settlement method | 4 | A | M | CLRG |
| 90 | End to end identification | 35 | A | M | Customer reference |
| 91 | Transaction identification | 35 | A | M | Unique identification |
| 92 | Interbank settlement currency | 3 | A | M | SGD |
| 93 | Interbank settlement amount | 19,2 | N | M | Transaction amount |
| 94 | Clearing system reference | 35 | A | M | Settlement cycle |
| 95 | Interbank settlement date | 26 | A | M | Settlement date |
| 96 | Charge bearer | 4 | A | M | SLEV |
| 97 | Purpose code | 4 | A | M | Purpose |
| 98 | Service level code | 4 | A | M |  |
| 99 | Remittance information | 140 | A | O | Blanks |
| 100 | Charge account number | 35 | A | O | Blanks |
| 101 | Charge account currency | 3 | A | O | Blanks |
| 102 | Penalty charge amount | 19,2 | N | O | 0 |
| 103 | Service charge amount | 19,2 | N | O | 0 |
| 104 | Charge code | 4 | A | O | Blanks |
| 105 | SIC 1 | 1 | A | O | Blanks |
| 106 | SIC 2 | 1 | A | O | Blanks |
| 107 | SIC 3 | 1 | A | O | Blanks |
| 108 | SIC 4 | 1 | A | O | Blanks |
| 109 | Create source | 4 | A | O | Blanks |
| 110 | Creation date | 8,0 | N | O | 0 |
| 111 | Creation time | 6,0 | N | O | 0 |
| 112 | Maintenance user | 10 | A | O | Blanks |
| 113 | Maintenance terminal id | 10 | A | O | Blanks |
| 114 | Maintenance date | 8,0 | N | O | 0 |
| 115 | Maintenance time | 6,0 | N | O | 0 |
| 116 | Checker id | 10 | A | O | Blanks |
| 117 | Checker terminal id | 10 | A | O | Blanks |
| 118 | Checker date | 8,0 | N | O | 0 |
| 119 | Checker time | 6,0 | N | O | 0 |
| 120 | Filler | 354 | A | O | Blanks |
| Direct Debit Reversal Information (1000 bytes) | | | | | |
| 121 | Original message identifier | 35 | A | O | Blanks |
| 122 | Original instruction identification | 35 | A | O | Blanks |
| 123 | Original message definition identification | 35 | A | O | Blanks |
| 124 | Original time | 26 | A | O | Blanks |
| 125 | Original interbank settlement currency | 3 | A | O | Blanks |
| 126 | Original interbank settlement amount | 19,2 | N | O | 0 |
| 127 | Original interbank settlement date | 26 | A | O | 0 |
| 128 | Proprietary | 128 | A | O | Blanks |
| 129 | Reversal reason information | 35 | A | O | Blanks |
| 130 | Reason code | 4 | A | O | Blanks |
| 131 | Filler | 654 | A | O | Blanks |
| RBK Response Information (100 bytes) | | | | | |
| 132 | Business date | 8,0 | N | O | 0 |
| 133 | OA available balance | 19,2 | N | O | 0 |
| 134 | OA available balance sign | 1 | A | O | Blanks |
| 135 | OA ledger balance | 19,2 | N | O | 0 |
| 136 | OA ledger balance sign | 1 | A | O | Blanks |
| 137 | RA available balance | 19,2 | N | O | 0 |
| 138 | RA available balance sign | 1 | A | O | Blanks |
| 139 | RA ledger balance | 19,2 | N | O | 0 |
| 140 | RA ledger balance sign | 1 | A | O | Blanks |
| 141 | Filler | 12 | A | O | Blanks |
| FX Information (300 bytes) | | | | | |
| 142 | FX bank 1 | 2 | A | O | Blanks |
| 143 | FX contract 1 | 10 | A | O | Blanks |
| 144 | FX currency 1 | 3 | A | O | Blanks |
| 145 | FX contract amount 1 | 19,2 | N | O | 0 |
| 146 | FX bank 2 | 2 | A | O | Blanks |
| 147 | FX contract 2 | 10 | A | O | Blanks |
| 148 | FX currency 2 | 3 | A | O | Blanks |
| 149 | FX contract amount 2 | 19,2 | N | O | 0 |
| 150 | FX bank 3 | 2 | A | O | Blanks |
| 151 | FX contract 3 | 10 | A | O | Blanks |
| 152 | FX currency 3 | 3 | A | O | Blanks |
| 153 | FX contract amount 3 | 19,2 | N | O | 0 |
| 154 | FX bank 4 | 2 | A | O | Blanks |
| 155 | FX contract 4 | 10 | A | O | Blanks |
| 156 | FX currency 4 | 3 | A | O | Blanks |
| 157 | FX contract amount 4 | 19,2 | N | O | 0 |
| 158 | FX bank 5 | 2 | A | O | Blanks |
| 159 | FX contract 5 | 10 | A | O | Blanks |
| 160 | FX currency 5 | 3 | A | O | Blanks |
| 161 | FX contract amount 5 | 19,2 | N | O | 0 |
| 162 | FX aggregate utilized ccy | 3 | A | O | Blanks |
| 163 | FX aggregate utilized amount | 19,2 | N | O | 0 |
| 164 | FX board rate | 13,7 | N | O | 0 |
| 165 | FX tolerance rate | 13,7 | N | O | 0 |

### TM to EPS Request Message Format

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Header | -   |  |  | | --- | --- | | **Type** | **[VALUE]/Description** | | JMSDestination | [string]/destination of the message, example : [queue://MQXXX] | | JMSDeliveryMode | [integer]/indicate message is PERSISTENT or NON\_PERSISTENT | | JMSExpiration | [integer]/time in millisecond to expire the message | | JMSPriority | [integer]/get message priority level [0-9] | | JMSMessageID | [string]/unique identifier for the message | | JMSTimestamp | [long]/time in millisecond to send message | | JMSCorrelationID | [string]/unique identifier for the client | | JMSReplyTo | [string]/destination to reply, example : [queue://MQXXX] | | JMSType | [string]/[null] | | JMSRedelivered | [Boolean]/resend message if fail [true/false] | |
| Properties | -   |  |  | | --- | --- | | **Type** | **[VALUE]/Description** | | CamelJmsDeliveryMode | [integer]/indicate message is PERSISTENT or NON\_PERSISTENT | | BreadcrumbId | [string]/unique identifier | | JMSXUserID | [string]/apollo mq user id | | MessageLength | [string]/length of the message in binary byte (optional) | | MessageType | [string]/type of message [\*TXM/\*STOP/\*RELOAD/\*SWITCH/\*ECHO] | | ReplyAddressName | [string]/reply queue name | | SourceCountry | [string]/source country code (optional) | | TargetCountry | [string]/target country code (optional) | | ServiceCode | [string]/transaction or service code | | MessageIdentifier | [string]/unique identifier generated by TM | | ApprovalCode | [string]/host approval code (optional) | | RoutingCode | [string]/host generated code to notify TM on next processing | | ResponseCode | [string]/indicate the response status | | ResponseStatus | [string]/indicate the rejected reason code | | ResponseDescription | [string]/indicate the rejected description | | ResponseTimestamp | [string]/indicate the response timestamp | | SessId | [string] | | Filler | [string]/for future use | |
| Body | {  "Header":{  "Source":{  "SourceCode": <terminal\_id>,  "ClientId": <user\_id>  },  "Bah":{  "BusinessMsgID": <business\_msg\_id>,  "MsgDefinition":null,  "FromBIC": <oa\_bic>,  "ToBIC": <ra\_bic>,  "MsgRecipientBIC":null,  "MsgCreationTms": <msg\_creation\_dt\_time>,  "MsgSignature":null,  "JournalSequence": <journal\_no>,  "BatchType":null,  "BatchNumber": <batch\_no>  },  "TrancheId":null,  "Trans":{  "SourceBranch":0,  "TransCode":<transaction\_cd>,  "TransDescription":<transaction\_desc>  },  "Menu":{  "Menuid":null,  "MenuLink":null,  "ApiLink":null,  "Action":null  },  "OrigBah":{  "OrigBusinessMsgID":null,  "OrigMsgCreationTms":null,  "OrigBatchNumber":0,  "OrigJournalSequence":0  },  "Override":{  "OverrideID":null,  "OverrideCodes":null,  "OverrideDescription":null  }  },  "Body":{  "GroupHead":{  "InstructionEntityNumber": <instruction\_entity\_no>,  "CustomerNumber": <customer\_number>,  "ChannelNumber": <channel\_no>,  "SettlementDate": <settlement\_dt>,  "SettlementCycle": <settlement\_cycle>,  "MessageID": <msg\_id>,  "AcceptanceDateTime": <acceptance\_dt\_time>,  "Product": <product>,  "RepeatCounter": <repeat\_counter>,  "BusinessDate": <business\_dt>,  "OANumber": <oa\_no>,  "OACurrency": <oa\_ccy>,  "OAType": <oa\_type>,  "RANumber": <ra\_no>,  "RACurrency": <ra\_ccy>,  "RAType": <ra\_type>  },  "PaymentInformation":{  "TransactionID": <transaction\_id>,  "MandateID": <mandate\_id>,  "TransactionStatus": <trans\_status>,  "TransactionStatusTimestamp": <trans\_status\_tms>,  "TransactionFateID": <trans\_fate\_id>,  "TransactionFateReason": <trans\_fate\_reason>,  "PaymentMethod": <payment\_method>,  "BatchBookingFlag": <batch\_booking\_flag>,  "NoOfTransactions": <no\_of\_trans>,  "ControlSum": <control\_sum>  },  "PaymentTypeInformation":{  "SettlementMethod": <settlement\_method>,  "InstructionPriority": <instruction\_priority>,  "ServiceLevelCode": <servc\_level\_cd>,  "ServiceLevelProprietary": <serv\_level\_proprietary>,  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|  |  |

### TM to EPS Response Message Format

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Header | -   |  |  | | --- | --- | | **Type** | **[VALUE]/Description** | | JMSDestination | [string]/destination of the message, example : [queue://MQXXX] | | JMSDeliveryMode | [integer]/indicate message is PERSISTENT or NON\_PERSISTENT | | JMSExpiration | [integer]/time in millisecond to expire the message | | JMSPriority | [integer]/get message priority level [0-9] | | JMSMessageID | [string]/unique identifier for the message | | JMSTimestamp | [long]/time in millisecond to send message | | JMSCorrelationID | [string]/unique identifier for the client | | JMSReplyTo | [string]/destination to reply, example : [queue://MQXXX] | | JMSType | [string]/[null] | | JMSRedelivered | [Boolean]/resend message if fail [true/false] | |
| Properties | -   |  |  | | --- | --- | | **Type** | **[VALUE]/Description** | | CamelJmsDeliveryMode | [integer]/indicate message is PERSISTENT or NON\_PERSISTENT | | BreadcrumbId | [string]/unique identifier | | JMSXUserID | [string]/apollo mq user id | | MessageLength | [string]/length of the message in binary byte (optional) | | MessageType | [string]/type of message [\*TXM/\*STOP/\*RELOAD/\*SWITCH/\*ECHO] | | ReplyAddressName | [string]/reply queue name | | SourceCountry | [string]/source country code (optional) | | TargetCountry | [string]/target country code (optional) | | ServiceCode | [string]/transaction or service code | | MessageIdentifier | [string]/unique identifier generated by TM | | ApprovalCode | [string]/host approval code (optional) | | RoutingCode | [string]/host generated code to notify TM on next processing | | ResponseCode | [string]/indicate the response status | | ResponseStatus | [string]/indicate the rejected reason code | | ResponseDescription | [string]/indicate the rejected description | | ResponseTimestamp | [string]/indicate the response timestamp | | SessId | [string] | | Filler | [string]/for future use | |
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