

## Error Codes

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The following error codes are used to indicate the Error Code value for the last delivery attempt in table field **SM\_STATUS**. Some error codes are reserved for future use and will be put to use in future versions of RestComm SMSC Gateway.

```
SUCCESS(0),

UNKNOWN_SUBSCRIBER(1),
UNDEFINED_SUBSCRIBER(2),
ILLEGAL_SUBSCRIBER(3),
TELESERVICE_NOT_PROVISIONED(4),
CALL_BARRED(5),
CUG_REJECTED(6),
FACILITY_NOT_SUPPORTED(7),
ABSENT_SUBSCRIBER(8),
ABSENT_SUBSCRIBER_MWDSET(9),
SENDING_SM_FAILED(10),
MESSAGE_QUEUE_FULL(11),
SYSTEM_FAILURE(12),
DATA_MISSING(13),
UNEXPECTED_DATA(14),

ERROR_IN_MS(15),
MS_NOT_EQUIPPED(16),
MEMORY_FULL(17),
SC_CONGESTION(18),
MS_NOT_REG_IN_SC(19),
INVALID_SME_ADDRESS(20),
UNKNOWN_SMC(21),
ILLEGAL_EQUIPMENT(22),
USER_BUSY(23),
//Power off (24-27: CDMA network reserved). 24-27
//Reserved. 25-29
//
HLR_MESSAGE_DECODING_ERROR(30),
MSC_MESSAGE_DECODING_ERROR(31),
INFORM_SC_MESSAGE_DECODING_ERROR(32),
//'Not obtain enough routing information' ??? what?
NOT_ENOUGH_ROUTING_INFORMATION(33),
UNEXPECTED_DATA_FROM_HLR(34),
UNEXPECTED_DATA_FROM_MSC(35),
UNKNOWN_ERROR_FROM_MSC(36),
UNKNOWN_ERROR_FROM_HLR(37),
//Reserved(38-39),
BAD_TYPE_OF_NUMBER(38),
RESERVED_39(39),
/**
 * HLR does not send acknowledgment after routing request is sent(40),
 */
HLR_REJECT_AFTER_ROUTING_INFO(40),
/**
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* HLR does not send acknowledgment after the message of setting flag bit is
sent(41),
*/
HLR_REJECT_AFTER_FLAG_BIT(41),
//Reserved(42-44),
RESERVED_42(42),
RESERVED_43(43),
RESERVED_44(44),

MAP_SERVER_VERSION_ERROR(45),
HLR_VERSION_NEGOTIATION_ERROR(46),
RESERVED_47(47),
/**
* MSC does not send acknowledgment(48),
*/
MSC_NO_ACK(48),
/**
* HLR does not send acknowledgment(49),
*/
HLR_NO_ACK(49),
/**
* GIW does not send acknowledgment(50),
*/
GIW_NO_ACK(50),
MSC_REFUSES_SM(51),
HLR_REFUSES_SM(52),
GIW_REFUSES_SM(53),
//No response from the SGSN,
NO_RESPONSE_FROM_SGSN(54),

SGSN_REFUSES_SM(55),
HLR_SYSTEM_ERROR(56),
MSC_SYSTEM_ERROR(57),
SGSN_SYSTEM_ERROR(58),
RESERVED_59(59),
RESERVED_60(60),
/**
* Delivery error due to MAP Server flow control(61),
*/
MAP_SERVER_FLOW_CONTROL_ERROR(61),
/**
* Delivery error due to MTI Server flow control(62),
*/
MTI_SERVER_FLOW_CONTROL_ERROR(62),
/**
* SCCP of DSP or STP unable to send the message(63),
*/
SCCP_UNABLE_TO_SEND(63),
INTERFACE_NO_DELIVERY_AUTHORITY(64),
/**
* GW does not send acknowledgment(65),

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*
*/
GW_NO_ACK(65),
/**
* Temporary interface error (deregistered or not log in)(66),
*/
TEMPORARY_INTERFACE_ERROR(66),
INVALID_INTERFACE(67),
/**
* Service interface does not send acknowledgment(68),
*/
SERVICE_INTERFACE_NO_ACK(68),
RESERVED_69(69),
/**
* Exceeding maximum of messages in L2CacheDaemon specified by license(70),
*/
EXCEEDED_L2CacheDaemon_MAX_MESSAGE(70),
/**
* Deletion of SMs to be imported to the database because of disconnection between
the SMSC and L2CacheDaemon(71),
*/
DELETION_OF_SM_ON_SMSC_L2CacheDaemon_DISCONNECT(71),
/**
* Exceeding the maximum L2CacheDaemon capacity specified by license(72),
*/
EXCEEDED_L2CacheDaemon_CAPACITY(72),
/**
* Some messages in L2CacheDaemon are the same as the messages in memory(73),
*/
L2CacheDaemon_MESSAGE_DUPLICATION(73),
L2CacheDaemon_DB_UNAVAILABLE(74),
L2CacheDaemon_CONGESTED(75),
/**
* Error when exporting SMs from memory to L2CacheDaemon(76),
*/
ERROR_ON_EXPORTING_SM_FROM_MEMORY_TO_L2CacheDaemon(76),
/**
* POOL may be full in message delivery(77),
*/
POOL_FULL_IN_DELIVERY(77),
/**
* MT speed exceeds the License threshold by 120%(78),
*/
MT_SPEED_EXCEEDED(78),
/**
* Number of entities that exceed the maximum submission number(Delivery of the SM
failed and the SM is deleted(79),
*/
MAX_SM_DELIVERY_RETRY_EXCEEDED(79),
//Reserved(80 - 127),
RESERVED_80(80),

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RESERVED\_81(81),  
RESERVED\_82(82),  
RESERVED\_83(83),  
RESERVED\_84(84),  
RESERVED\_85(85),  
RESERVED\_86(86),  
RESERVED\_87(87),  
RESERVED\_88(88),  
RESERVED\_89(89),  
RESERVED\_90(90),  
RESERVED\_91(91),  
RESERVED\_92(92),  
RESERVED\_93(93),  
RESERVED\_94(94),  
RESERVED\_95(95),  
RESERVED\_96(96),  
RESERVED\_97(97),  
RESERVED\_98(98),  
RESERVED\_99(99),  
RESERVED\_100(100),  
RESERVED\_101(101),  
RESERVED\_102(102),  
RESERVED\_103(103),  
RESERVED\_104(104),  
RESERVED\_105(105),  
RESERVED\_106(106),  
RESERVED\_107(107),  
RESERVED\_108(108),  
RESERVED\_109(109),  
RESERVED\_110(110),  
RESERVED\_111(111),  
RESERVED\_112(112),  
RESERVED\_113(113),  
RESERVED\_114(114),  
RESERVED\_115(115),  
RESERVED\_116(116),  
RESERVED\_117(117),  
RESERVED\_118(118),  
RESERVED\_119(119),  
RESERVED\_120(120),  
RESERVED\_121(121),  
RESERVED\_122(122),  
RESERVED\_123(123),  
RESERVED\_124(124),  
RESERVED\_125(125),  
RESERVED\_126(126),  
RESERVED\_127(127),

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\* Teleservice facility interaction not supported(128),

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*/
TELESERVICE_FACILITY_INTERACTION_NOT_SUPPORTED(128),
SM_TYPE_0_NOT_SUPPORTED(129),
CANNOT_REPLACE_SM(128),
//Reserved(131B5"142),
RESERVED_131(131),
RESERVED_132(132),
RESERVED_133(133),
RESERVED_134(134),
RESERVED_135(135),
RESERVED_136(136),
RESERVED_137(137),
RESERVED_138(138),
RESERVED_139(139),
RESERVED_140(140),
RESERVED_141(141),
RESERVED_142(142),
UNSPECIFIED_TP_PID_ERROR(143),
DCS_NOT_SUPPORTED(144),
SM_TYPE_NOT_SUPPORTED(145),
//Reserved(146B5"158),
RESERVED_146(146),
RESERVED_147(147),
RESERVED_148(148),
RESERVED_149(149),
RESERVED_150(150),
RESERVED_151(151),
RESERVED_152(152),
RESERVED_153(153),
RESERVED_154(154),
RESERVED_155(155),
RESERVED_156(156),
RESERVED_157(157),
RESERVED_158(158),
UNSPECIFIED_TP_DCS_ERROR(159),
OPERATION_NOT_EXECUTED(160),
//Reserved(161B5"174),
RESERVED_161(161),
RESERVED_162(162),
RESERVED_163(163),
RESERVED_164(164),
RESERVED_165(165),
RESERVED_166(166),
RESERVED_167(167),
RESERVED_168(168),
RESERVED_169(169),
RESERVED_170(170),
RESERVED_171(171),
RESERVED_172(172),
RESERVED_173(173),
RESERVED_174(174),

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TPDU_NOT_SUPPORTED(176),
//Reserved(177-191),
RESERVED_177(177),
RESERVED_178(178),
RESERVED_179(179),
RESERVED_180(180),
RESERVED_181(181),
RESERVED_182(182),
RESERVED_183(183),
RESERVED_184(184),
RESERVED_185(185),
RESERVED_186(186),
RESERVED_187(187),
RESERVED_188(188),
RESERVED_189(189),
RESERVED_190(190),
RESERVED_191(191),

SC_BUSY(192),
NO_SC_SPECIFIED(193),
SC_SYSTEM_ERROR(194),
INVALID_SME_ADDRESS_2(195),
DESTINATION_SME_PROHIBITED(196),
//Reserved(197-207),
RESERVED_197(197),
RESERVED_198(198),
RESERVED_199(199),
RESERVED_200(200),
RESERVED_201(201),
RESERVED_202(202),
RESERVED_203(203),
RESERVED_204(204),
RESERVED_205(205),
RESERVED_206(206),
RESERVED_207(207),
SIM_SMS_STORAGE_IS_FULL(208),
/**
 * No SMS storage capability in SIM(209),
 */
SIM_HAS_NO_SMS_STORAGE(209),
ERROR_IN_MS_2(210),
ESME_MEMORY_OVERFLOW(211),
/**
 * Reserved(212-223),
 *
 */
RESERVED_212(212),
RESERVED_213(213),
RESERVED_214(214),
RESERVED_215(215),
RESERVED_216(216),

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RESERVED_217(217),
RESERVED_218(218),
RESERVED_219(219),
RESERVED_220(220),
RESERVED_221(221),
RESERVED_222(222),
RESERVED_223(223),
/**
 * Values specific to an application(224-254),
 */
OCS_ACCESS_NOT_GRANTED(224),
MPROC_ACCESS_NOT_GRANTED(225),
MPROC_SRI_REQUEST_DROP(226),
APP_SPECIFIC_227(227),
APP_SPECIFIC_228(228),
APP_SPECIFIC_229(229),
APP_SPECIFIC_230(230),
APP_SPECIFIC_231(231),
APP_SPECIFIC_232(232),
APP_SPECIFIC_233(233),
APP_SPECIFIC_234(234),
APP_SPECIFIC_235(235),
APP_SPECIFIC_236(236),
APP_SPECIFIC_237(237),
APP_SPECIFIC_238(238),
APP_SPECIFIC_239(239),
APP_SPECIFIC_240(240),
APP_SPECIFIC_241(241),
APP_SPECIFIC_242(242),
APP_SPECIFIC_243(243),
APP_SPECIFIC_244(244),
APP_SPECIFIC_245(245),
APP_SPECIFIC_246(246),
APP_SPECIFIC_247(247),
APP_SPECIFIC_248(248),
APP_SPECIFIC_249(249),
APP_SPECIFIC_250(250),
APP_SPECIFIC_251(251),
APP_SPECIFIC_252(252),
APP_SPECIFIC_253(253),
APP_SPECIFIC_254(254),
UNSPECIFIED_ERROR_CAUSE(255);
```