

EMC Phase 3

Generic IRD command reference guide for SMS

V.1.1

Date	Comment
31/03/2005	samples of IRD commands, the examples are referenced in the cmd matrix v3.5. Please note that the examples point to a given STB model. It is either ADB or P3 STB. P3 STB means a STB that is fully compliant with EMC phase 3.
07/04/2005	Correct in all exemple Field4. The values are divided by 2.

References:

- [1] EMC – IRD commands definition – 1.0.0 for ADB STB
- [2] EMC – IRD commands specification – 1.3.16e for Phase 3 (P3) compliant STB

List of commands:

1.1 Set Network ID (ADB STB).....	3
1.2 Set Network ID (P3 STB).....	4
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4.1 Mail (P3 STB)

CommandHeader = 00900000201000100020000320050324

Field1: 009000002 ---> TransactionNumber
Field2: 01 ---> CommandType = EMM
Field3: 0001 ---> Source_ID
Field4: 0002 ---> Dest_ID
Field5: 00003 ---> MOP_PPID
Field6: 20050324 ---> Creation_date

CommandSection = N2005032320050325U0700000001

Field1: N ---> Normal (Standard broadcasting mode)
Field2: 20050323 ---> Boardcast Start Date
Field3: 20050325 ---> Boardcast End Date
Field4: U ---> Unique (EMM addressing mode for EMM

command)

Field5: 0700000001 ---> The Unique Address of Card

CommandBody =

0069192001444848564948485352545355515552545354525048525055575048525154495
45054675453535154705454555200000000

Field1: 0069 ---> SMS Command ID
Field2: 192 ---> IRD_command_id = 0xC0
Field3: 001 ---> IRD_Operation
Field4: 44 ---> IRD_data_length
Field5: 484856494848535254535551555254535452504852505557504852515
449545054675453535154705454555200000000

---> IRD_data (mail_id = 2 (b2:0000000010),
total_segment = 1 (b2:000001),
priority = 0 (b2:00),
segment nb = 0 (b2:000000),

b2:00000000 10000001 00000000 0x008100

message = 'Tested By CableSoft' 0x 54 65 73 74 65 64 20 42 79 20 43 61 62 6C 65 53 6F 66 74)

