
GENERAL NOTICE

NOTICE 1241 OF 2008

DEPARTMENT OF TRANSPORT

NATIONAL LAND TRANSPORT TRANSITION ACT, 2000 (ACT NO. 22 OF 2000)

PUBLICATION FOR COMMENTS: ELECTRONIC FARE COLLECTION REQUIREMENTS

The Minister of Transport hereby, in terms of section 5(6) (c) of the National Land Transport Transition Act, 2000 (ACT NO. 22 of 2000), intends to make the Regulations for the Requirements of the Electronic Fare Collection in the schedule. Interested persons are requested to submit written comments on these Requirements on or before 07 November 2008.

Submissions should be posted to the Director-General for the attention of Adv. A. M Masombuka at:

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SCHEDULE

REQUIREMENTS FOR THE IMPLEMENTATION OF ELECTRONIC FARE COLLECTION SYSTEMS IN PUBLIC TRANSPORT

Arrangement of Requirements

1. Definitions
2. Purpose of requirements
3. Principles for EFC System implementation in public transport
4. Date of compliance
5. Implementation process

Definitions

1. In these requirements, unless the context indicates otherwise, any word, expression or abbreviation to which a meaning has been assigned in the Act has that meaning, and –

“Act” means the National Land Transport Transition Act, 2000 (Act No. 22 of 2000), as amended by the National Land Transport Transition Amendment Act, 2001 (Act No. 31 of 2001) and the National Land Transport Transition Amendment Act, 2006 (Act No. 26 of 2006);

“Bank Issued Fare Media” means a Participating Bank issued payment instrument based on EMV Specifications and conforming to the requirements of the EFC Data Structure;

“Bank Issued Fare Media System” means a fare collection system, which comprises –

- (a) A payment instrument distribution network and value loading infrastructure;
- (b) an electronic payment transaction clearing and settlement function;
- (c) a payment transaction initiation and acceptance infrastructure and acquiring function; and
- (d) associated information systems utilised for the management and analysis of fare schedules and data so collected and their conversion into information;

“EFC” means Electronic Fare Collection;

“EFC Data Structure” means the Electronic Fare Collection Data Structure, which utilises specific tags on the EMV chip of Bank Issued Fare Media for electronically recording and retrieving public transport-related data;

"EFC Guideline" means the Electronic Fare Collection Guideline Document, which includes –

- (a) the EFC Data Structure; and
- (b) the MIOS for Information Systems in the Public Service,

and which is obtainable from the Department;

"EFC System" means the Electronic Fare Collection System, which –

- (a) enables the electronic collection of public transport fares and associated data; and
- (b) comprises a Bank Issued Fare Media System;

"EMV" means the standard which was originally developed by Europay, MasterCard and Visa to enable the interoperation of integrated chip cards in the payments environment;

"EMVCo" means an independent organisation formed in 1999 by the EMV card associations to manage and enhance the EMV Specifications;

"EMV Specifications" means the specifications managed and enhanced by EMVCo, which cover elements such as general physical characteristics of terminals, the terminal-card interface, transaction processing, data management and data security;

"ITS" means Intelligent Transport System;

"Legacy Electronic Fare Collection System" means any existing, fully operational electronic fare collection system of which the banking industry does not form part through any Bank Issued Fare Media;