



National Standards Authority of Ireland

IRISH STANDARD

**S.R. CEN/TS 15531-1:2007**

ICS 35.240.60

**PUBLIC TRANSPORT - SERVICE INTERFACE  
FOR REAL-TIME INFORMATION RELATING  
TO PUBLIC TRANSPORT OPERATIONS -  
PART 1: CONTEXT AND FRAMEWORK**

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TECHNICAL SPECIFICATION  
SPÉCIFICATION TECHNIQUE  
TECHNISCHE SPEZIFIKATION

**CEN/TS 15531-1**

July 2007

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ICS 35.240.60

English Version

**Public transport - Service interface for real-time information  
relating to public transport operations - Part 1: Context and  
framework**

Öffentlicher Verkehr - Dienstleitungsschnittstelle für  
zeitnahe Informationen zum Betrieb des öffentlichen  
Verkehrs - Teil 1: Rahmen und Gerüst

This Technical Specification (CEN/TS) was approved by CEN on 23 October 2006 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

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## CEN/TS 15531-1:2007 (E)

### Foreword

This document (CEN/TS 15531-1:2007) has been prepared by Technical Committee CEN/TC 278 “Road transport and traffic telematics”, the secretariat of which is held by NEN.

This presents Part 1 of the European Technical Specification known as “SIRI”. SIRI provides a framework for specifying communications and data exchange protocols for organisations wishing to exchange Real-time Information (RTI) relating to public transport operations.

SIRI is presented in three parts:

- Context and framework, including background, scope and role, normative references, terms and definitions, symbols and abbreviations, business context and use cases (Part 1).
- The mechanisms to be adopted for data exchange communications links (Part 2).
- Data structures for a series of individual application interface modules (Part 3).

The XML schema can be downloaded from <http://www.siri.org.uk/>, along with available guidance on its use, example XML files, and case studies of national and local deployments.

It is recognised that SIRI is not complete as it stands, and there will be a substantial amount of work required to continue to develop SIRI over the coming years. It is therefore intended that a SIRI Management Group should continue to exist, at European level, based on the composition of SG7.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this CEN Technical Specification: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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