

ISO 5909:2026-01 (E)

Business processes and data interchange of electronic bill of lading based on distributed ledger technology (DLT)

Contents

Page

Foreword..... iv

Introduction..... v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Abbreviated terms 3

5 The industry practice for paper-based B/L business process..... 3

5.1 B/L classification 3

5.2 Paper-based B/L business process 3

6 The role of a digital platform and the process of eBL on it..... 4

7 Data elements and structures 6

7.1 General overview of the data structure 6

7.2 Overview of B/L body data elements and structure 7

7.3 B/L body data elements specification and alignment with UN/CEFACT eBL and UNTDED/ISO 7372, and the structure 9

7.4 Generic eBL processing control and record on digital platform 42

Annex A (informative) UML for B/L data exchanging..... 48

Bibliography..... 53