

# ISO 23355:2024-07 (E)

## Visibility data interchange among logistics information service providers

---

| <b>Contents</b>  | <b>Page</b> |
|--|-------------|
| Foreword.....  | iv          |
| Introduction.....  | v           |
| <b>1 Scope.....</b>  | <b>1</b>    |
| <b>2 Normative references.....</b>   | <b>1</b>    |
| <b>3 Terms, definitions and abbreviated terms.....</b>                             | <b>1</b>    |
| 3.1 Terms and definitions.....   | 1           |
| 3.2 Abbreviated terms.....   | 2           |
| <b>4 Framework of logistics information service providers interconnection.....</b> | <b>2</b>    |
| 4.1 Interconnected relations.....  | 2           |
| 4.1.1 Overview.....  | 2           |
| 4.1.2 Regional LISP interconnection.....   | 3           |
| 4.1.3 Inter-regional LISP interconnection.....                                     | 3           |
| 4.1.4 Classification of parties in LISP framework.....                             | 4           |
| 4.2 Features.....  | 4           |
| <b>5 Visibility data of logistics information service.....</b>                     | <b>5</b>    |
| 5.1 Logistics import/export process.....   | 5           |
| 5.2 Logistics import/export status.....  | 6           |
| 5.2.1 Import.....  | 6           |
| 5.2.2 Export.....  | 7           |
| 5.3 Logistics visibility data interchange message.....                             | 7           |
| 5.3.1 Overview.....  | 7           |
| 5.3.2 Interchange message.....   | 8           |
| <b>6 Messages of visibility data interchange between LISPs.....</b>                | <b>8</b>    |
| 6.1 Message content attribute description.....                                     | 8           |
| 6.1.1 Description of character representations.....                                | 8           |
| 6.1.2 Occurrence number of data elements.....                                      | 8           |
| 6.2 Messages.....  | 9           |
| 6.2.1 Transport means forecast information message.....                            | 9           |
| 6.2.2 Transport means actual information message.....                              | 17          |
| 6.2.3 Arrival report message.....  | 27          |
| 6.2.4 Tally message.....   | 45          |
| 6.2.5 Goods loading message.....   | 65          |
| 6.2.6 Transport means and goods release message.....                               | 85          |
| <b>7 Logistics visibility data element compilation.....</b>                        | <b>93</b>   |
| 7.1 Overview.....  | 93          |
| 7.2 Data element compilation table.....  | 93          |
| <b>Bibliography.....</b>   | <b>113</b>  |