Input paper: [[1]](#footnote-1) ENG4-9.17.1

Input paper for the following Committee(s): check as appropriate Purpose of paper:

**□** ARM **X** ENG **□** PAP **X** Input

**□** ENAV **□** VTS **□** Information

Agenda item [[2]](#footnote-2) 9

Technical Domain / Task Number 2 TD#1 - Light and vision physics, Visual Signalling / 36

Author(s) / Submitter(s) Sami Lasma, Finnish Transport Agency

FTA's leading line calculator software

# Summary

IALA Recommendation E-112 on Leading Lights and Guideline 1023 on the Design of Leading Lines are going to be reviewed and members were requested to provide input papers to ENG4 to support the update. This paper provides information about the leading line calculator software developed by Finnish Transport Agency. The software is available on the file share server.

## Purpose of the document

The input is presented for information. The software with source code is available if IALA members want to use it or develop it further.

## Related documents

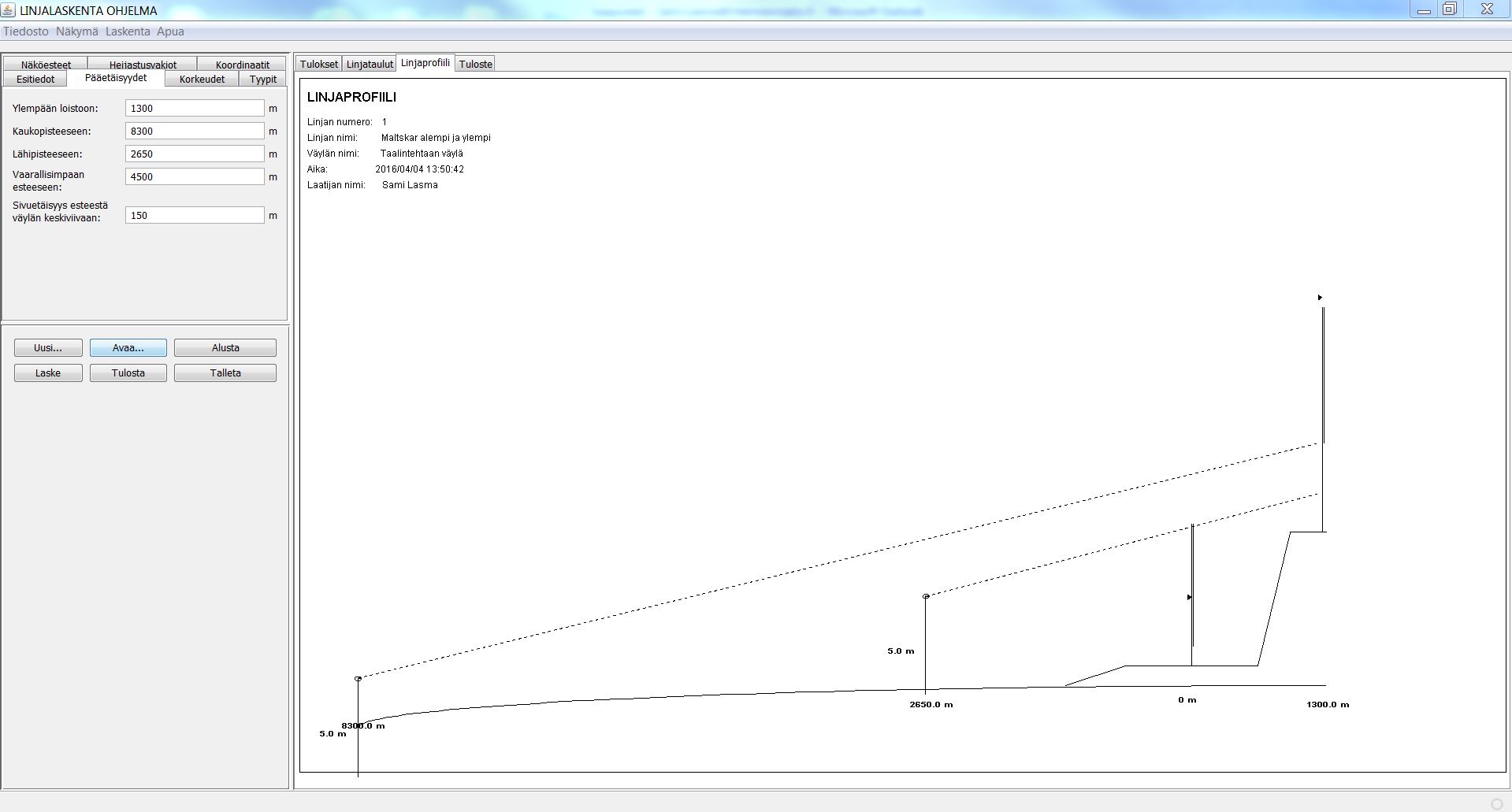
IALA Recommendation E-112 on Leading Lights

IALA Guideline 1023 on the Design of Leading Lines

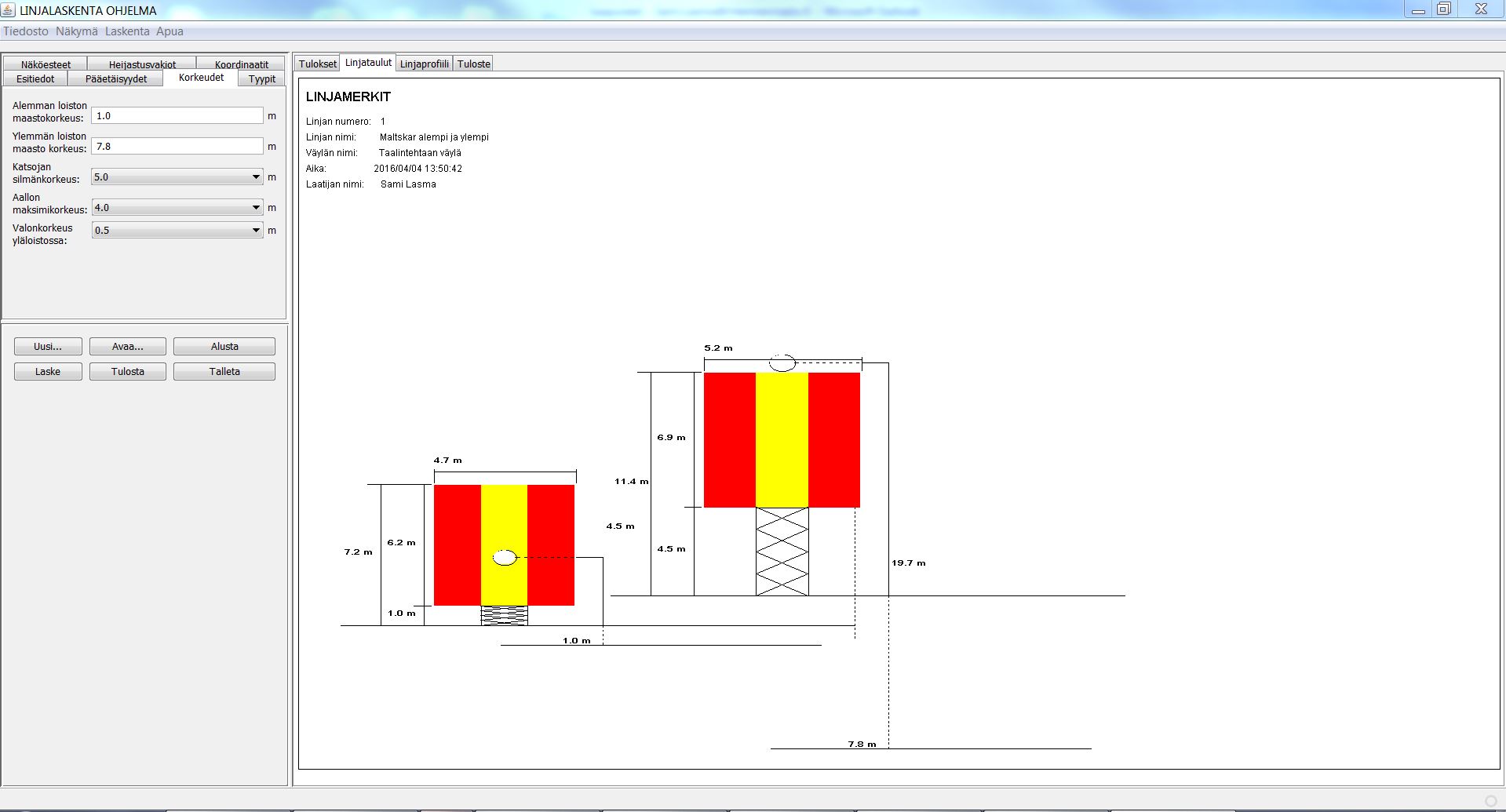
# Discussion

The FTA's leading line calculator software was completed in 2010. It is Java-based and available only in Finnish. The calculation is based on IALA Guideline 1023 with some additional national characteristics.

Some screenshots of the software are presented in figures 1 and 2.



1. Presentation of leading line profile



1. Presentation of leading line masts and dayboard dimensions

# Action requested of the Committee

The Committee is requested to:

1. Review the input paper during the discussion of Guideline 1023 for the Design of Leading Lines

1. Input document number, to be assigned by the Committee Secretary [↑](#footnote-ref-1)
2. Leave open if uncertain [↑](#footnote-ref-2)