**Non-Contact Map Operating System User Reassessment Questionnaire**

Dear Participant:

Please rank all the ways of operation according to your actual willingness to operate. The higher the ranking, the stronger your willingness. Thank you very much!

一、Basic Information

1. Your age group: [Single choice]\*

○Under 18 ○18~21 ○22~45 ○46~60 ○Above 60

2. Your gender: [Single choice]\*

○Male ○Female

3. Have you had any experience with electronic maps? [Single choice]\*

○Yes ○No

二、Map operation and control mode preferences

Map zoom-in

4. Rank the different types of realizations offered below in order of your practical wishes. [For ranking questions, please put the numbers in brackets] \*

[ ]Eye tracking control: The left eye open, the right eye closed.

[ ]Voice control: Say "Map zoom-in".

Map zoom-out

5. Rank the different types of realizations offered below in order of your practical wishes. [For ranking questions, please put the numbers in brackets] \*

[ ]Eye tracking control: The left eye closed, the right eye open.

[ ]Voice control: Say " Map zoom-out".

Map pan

6. Rank the different types of realizations offered below in order of your practical wishes. [For ranking questions, please put the numbers in brackets] \*

[ ]Eye tracking control: Gazing at a target with both eyes automatically sets the location as the center of the map display.

[ ]Voice control: Say "move up/down/left/right".

Map toggle

7. Rank the different types of realizations offered below in order of your practical wishes. [For ranking questions, please put the numbers in brackets] \*

[ ]Eye tracking control: Double eyes blink on the "satellite" button to toggle.

[ ]Voice control: Say "map toggle".

Location search

8. Rank the different types of realizations offered below in order of your practical wishes. [For ranking questions, please put the numbers in brackets] \*

[ ]Eye tracking control: After blinking both eyes on the text box to bring up the virtual keyboard, blinking both eyes on the letters of the virtual keyboard to realize the phonetic character blinking input.

[ ]Voice control: Say "search" & the name of the location you are looking for.

Route Planning - Interface open

9. Rank the different types of realizations offered below in order of your practical wishes. [For ranking questions, please put the numbers in brackets] \*

[] Eye tracking control: Double eyes blink the "Route" button.

[ ]Voice control: Say "Route".

Route planning - Location entry

10. Rank the different types of realizations offered below in order of your practical wishes. [For ranking questions, please put the numbers in brackets] \*

[ ]Eye tracking control: After blinking both eyes on the text box to bring up the virtual keyboard, blinking both eyes on the letters of the virtual keyboard to realize the phonetic character blinking input.

[ ]Voice control: Say "start" & start point or "end" & end point.

Route Planning - Navigation method selection

11. Rank the different types of realizations offered below in order of your practical wishes. [For ranking questions, please put the numbers in brackets] \*

[ ]Eye tracking control: The Double eyes blink on the "drive"/"bus"/"walk" button.

[ ]Voice control: Say the corresponding mode of navigation, e.g. "drive"/"bus"/"walk".