

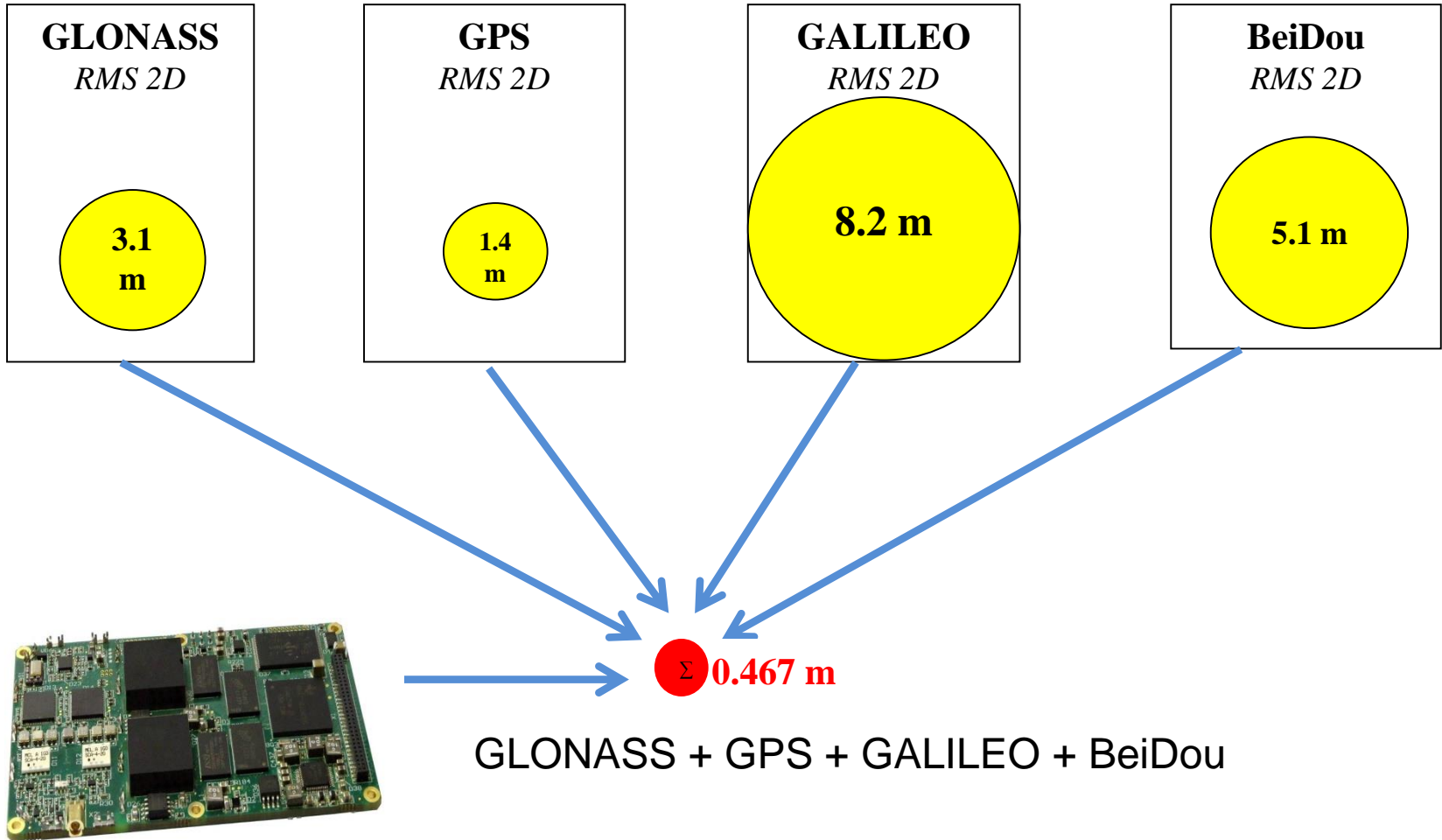
Interoperability Assessment for the Navigation Receiver Level

**ICG-12 Meeting
Working Group S**

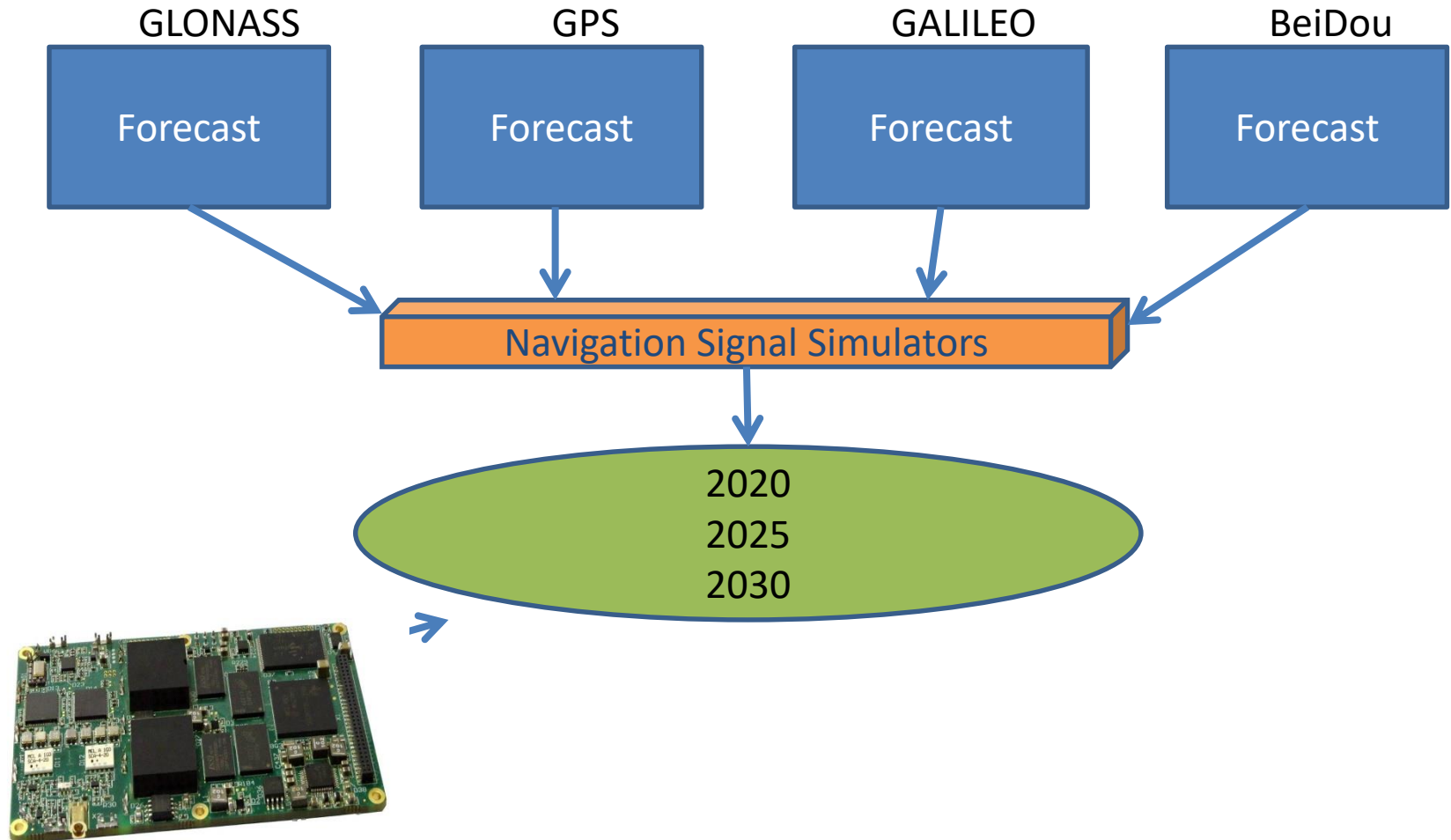
**2-7 December 2017
Kyoto, Japan**

**A. Muravyev
S. Silin**

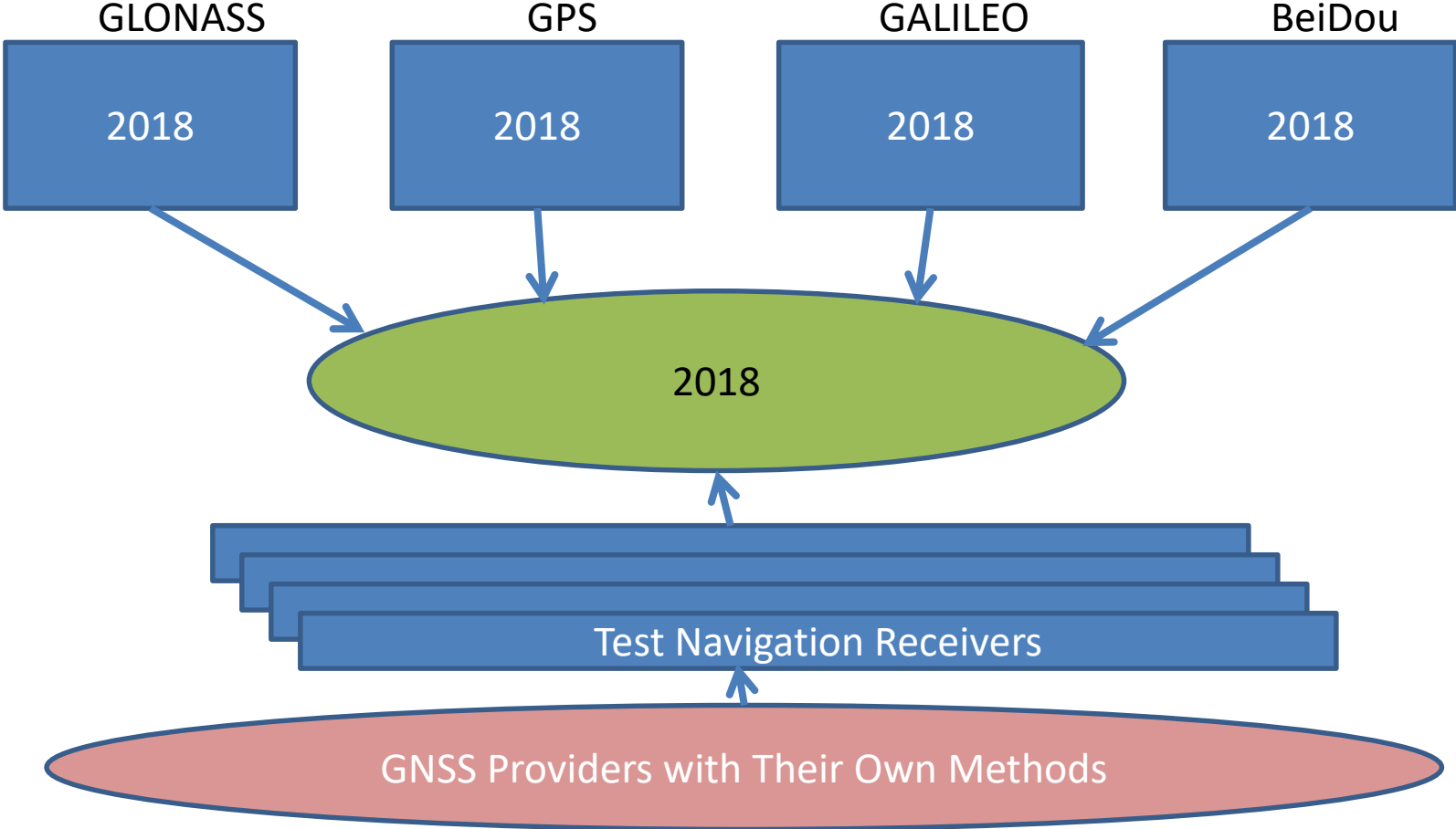
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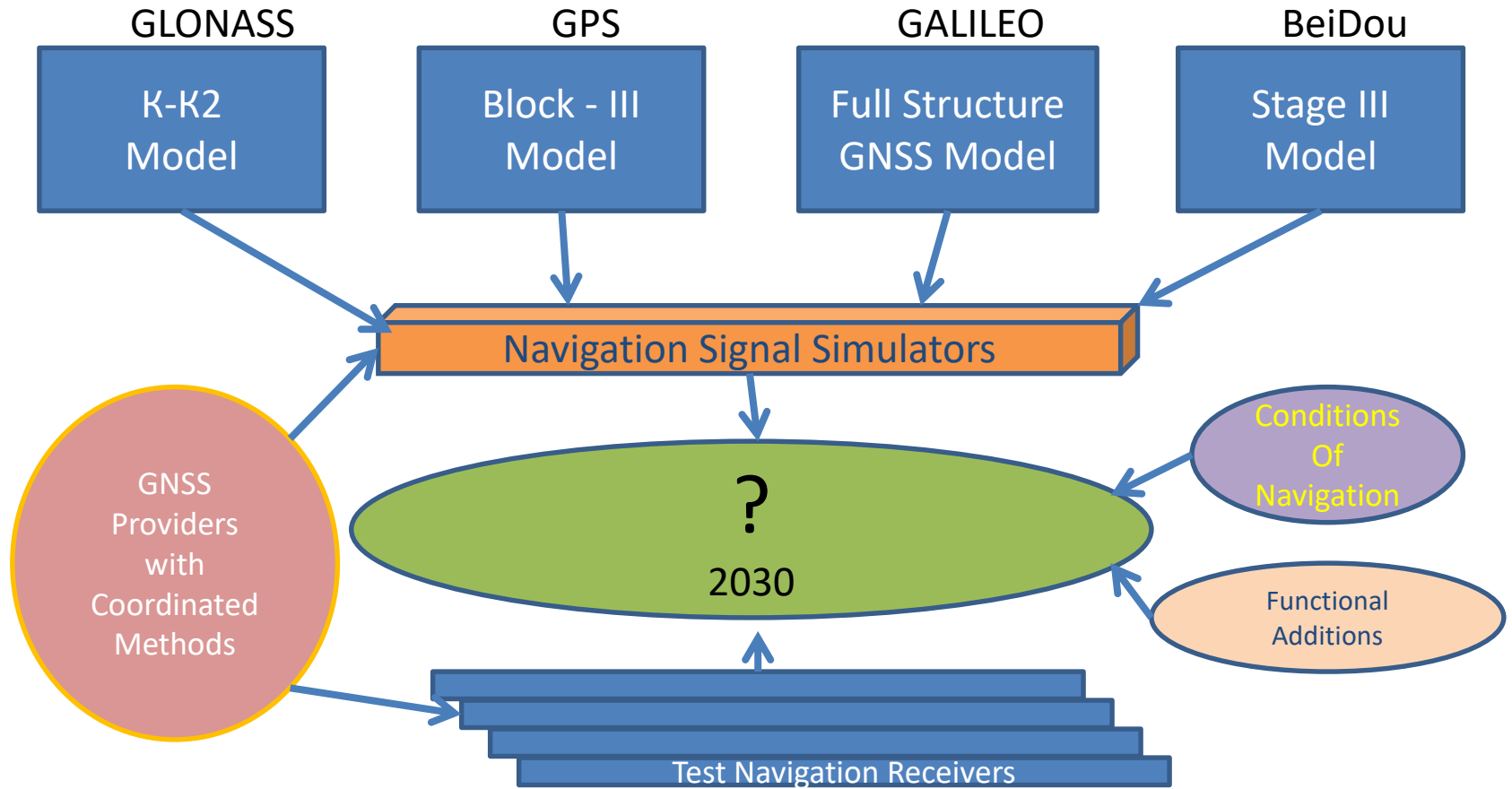
Next Step: Simulation Modeling



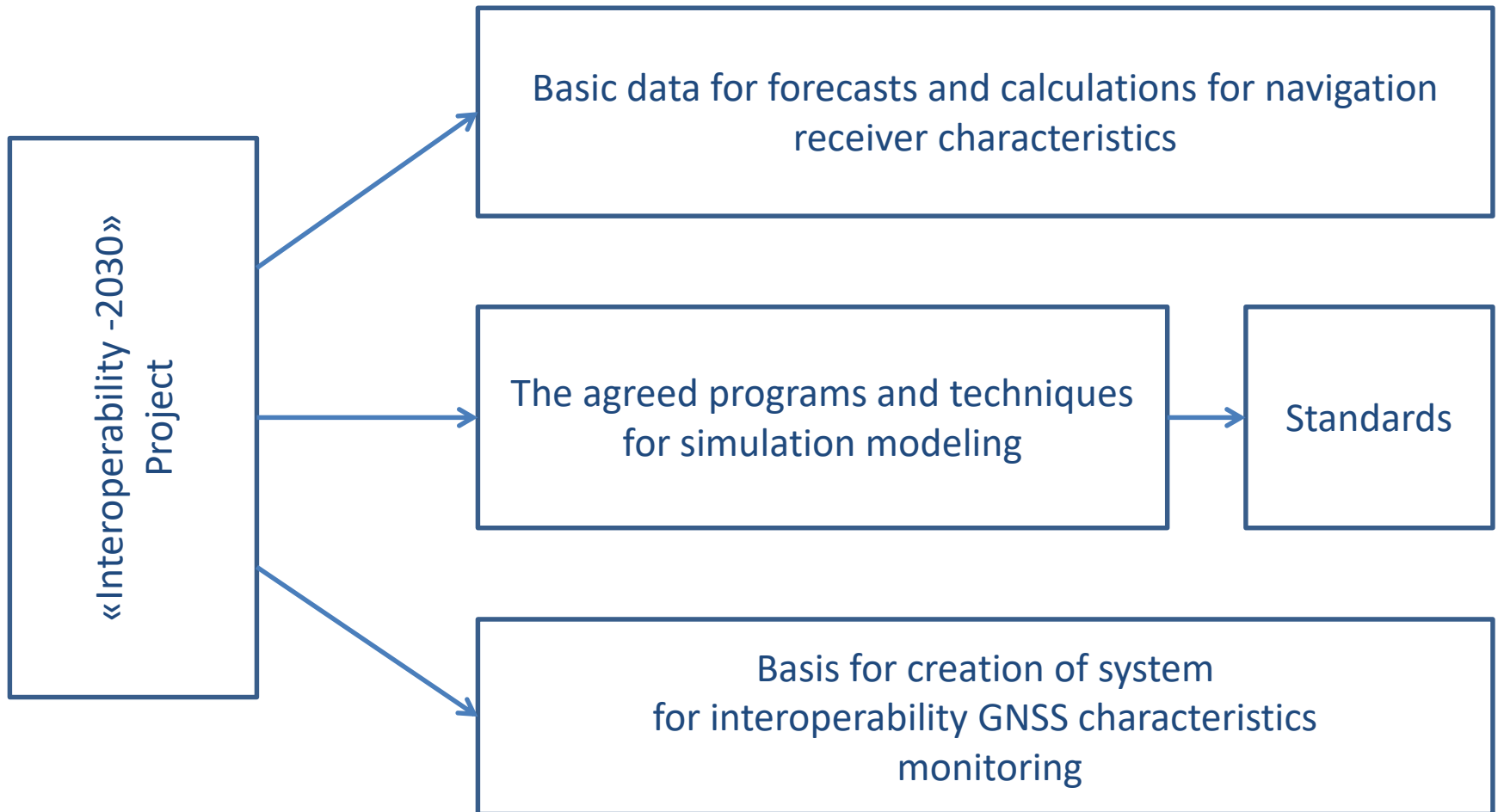
«Interoperability-2030» Project I Stage



«Interoperability-2030» Project II Stage



Project Results



Conclusions

1. Results of the navigation definitions which are carried out by means of a new generation multisystem navigation receiver prototype are presented.

The interoperability of GNSS on extent of improvement of precision characteristics in the multisystem mode concerning each GNSS separately is estimated.

The conclusion is drawn on prospects of estimates of the planned interoperability of GNSS with method of simulation modeling of navigation fields GNSS and conditions of navigation, including taking into account functional additions of GNSS.

2. It is offered to organize carrying out a cycle of works with the purpose of specification of the existing and perspective opportunities on interoperability of GNSS at the level of multisystem navigation receivers – «Interoperability – 2030 Project».
3. It is advisable to recommend to GNSS providers within the WG - S to create the program of actions within the offered project and to realize it with the subsequent discussion of results at the next WG-S Intersessional meeting.

THANK YOU FOR ATTENTION!