

**Clarification Note No 1**

EUSPA internal reference: WF 303196

**Grant procedure:**

**EUSPA/GRANT/01/2023**

**"Galileo HAS and OSNMA implementation in cooperative, connected and automated mobility"**

**Question no. 1:** Could EUSPA provide a list of receiver chipsets that support Galileo HAS and/or OSNMA?

**Answer no. 1:** EUSPA is aware of the following receivers supporting Galileo HAS or OSNMA:

<b>HAS-enabled receivers</b>	
<b>Manufacturer</b>	<b>Model</b>
ANAVS	Multi-Sensor RTK/PPP Module
Beyond Gravity	PODRIX
	NavRIX PinPoint
EOS Positioning	Arrow GodI+™
Hemisphere	Vega
	Phantom
Hi-Target	iRTK5
	VRTK
Kongsberg	Seapath® 385
Rokubun	SPEAR (SDK)
South	Insight V2
	INNO7 (1598)
	Galaxy G3
Spaceopal	HAUT
Unicore Communications	UM980

<b>OSNMA-ready receivers</b>	
<b>Manufacturer</b>	<b>Model</b>
Chipcraft	NaviSoc
FDC	DracoNAV
Fraunhofer/Teleorbit	GOOSE
Juniper	GNS3
Rokubun	Medea
Septentrio	mosaic-X5
Septentrio	PolaRx5



Septentrio	TUR-N
STMicroelectronics	Teseo V

Please note that these two lists are not exhaustive and are being regularly updated, therefore may not necessarily reflect the full picture of the market.

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