Some geometry data shifted in SGLI products

Due to the geometry data storage methods (stored in 10 pixel units) in the SGLI product processing, there are some positional shifted data in some geometry dataset.

<Impact range>

① Geometry data (Latitude and longitude)

There are some data that cause deviations in near-real time products.

Please refer to the table below for details of possible impact products.

② Geometry data (excluding latitude and longitude)

There are some data that cause deviations in near-real time products and standard products.

Please refer to the table below for details of possible impact products.

Near-real time products		Japan and Vicinity					Global				
		L1B			L2 scene	L2 tile	L1B			L2 scene	L2 tile
Type	Data set name	NP	PL	IRS			NP	PL	IRS		
Lat/Lon	/Geometry_data/Latitude	—	—	—	—	—	—	—	—	—	—
	/Geometry_data/Longitude	—	—	—	—	—	—	—	—	—	—
Other	/Geometry_data/*** (Other than Lat/Lon)	○	—	○	○	—	○	—	○	○	—

standard products		standard				
		L1B			L2 scene	L2 tile
Type	Data set name	NP	PL	IRS		
Lat/Lon	/Geometry_data/Latitude	—	—	—	—	—
	/Geometry_data/Longitude	—	—	—	—	—
Other	/Geometry_data/*** (Other than Lat/Lon)	○	—	○	○	○

【Legend】
○ : Influential
— : no effect

update : 2019.1.10

As for the issue, we are in the process of responding to the problem, and we plan to implement the update from the middle of January 2019.

<Update (January 10, 2019)> The problem concerning ① were implemented, and the deviation was resolved. The target products of this problem are indicated by the yellow hatch in the table.

In addition, we are in the process of responding to the problem ②.

We are sorry for the users who use SGLI products.

January 10, 2019

GCOM Project