

First 2018 ILRS LARGE (Laser Ranging to GNSS s/c Experiment) Campaign

The first LARGE campaign for 2018 will run from February 15 through May 15. A primary objective of the campaign is to obtain improved, distributed coverage over the archive of a few satellites in each of the GNSS constellations, GLONASS, Galileo, and Beidou/Compass. Mission contacts for each of these GNSS constellations chose four primary and four secondary satellites to participate in the campaign:

System	Primary	Secondary	Comments
GLONASS	GLONASS-131, -134, -136, -137	GLONASS-128, -132, -133, -135	
Galileo	Galileo-102, -202, -209, -210	Galileo-103, -203, -211, -213	March 15-April 15
		Galileo-103, -203, -215, -216	April 15-May 15
Compass	Compass-G1, -I3, -M3, -MS1	Compass-I5, -IS2, -I6B, -MS2	

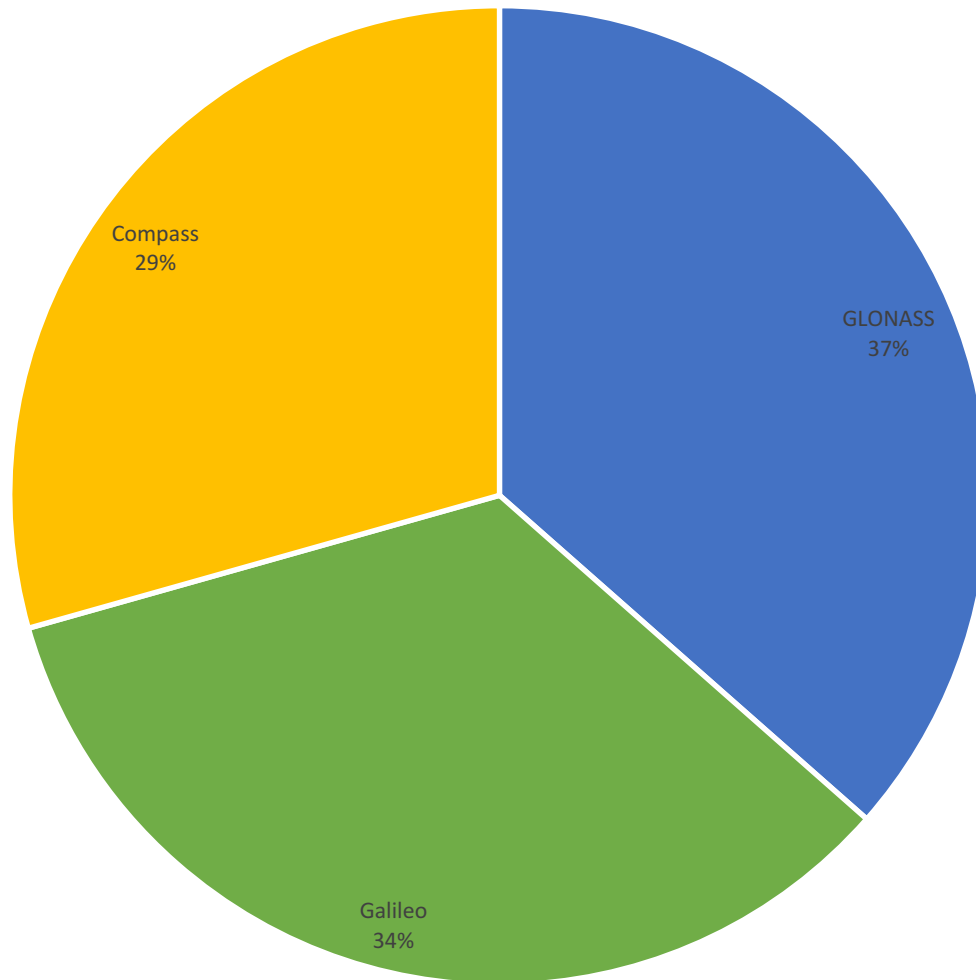
The ILRS priority list was updated for this campaign. During the campaign, the ILRS will provide GLONASS, Galileo, and Compass predictions to the stations for ONLY THESE SELECTED SATELLITES in order to encourage stations to focus on only these targets.

The CB has requested that stations track the primary satellites over at least two, preferably three, widely spaced segments over the arc, with each segment containing at least two normal points. For the secondary satellites, stations are asked to track at least one segment with at least two normal points over the arc. If some of the primary satellites cannot be tracked due to daylight, weather conditions or other reasons, then stations should put more emphasis on the secondary satellites.

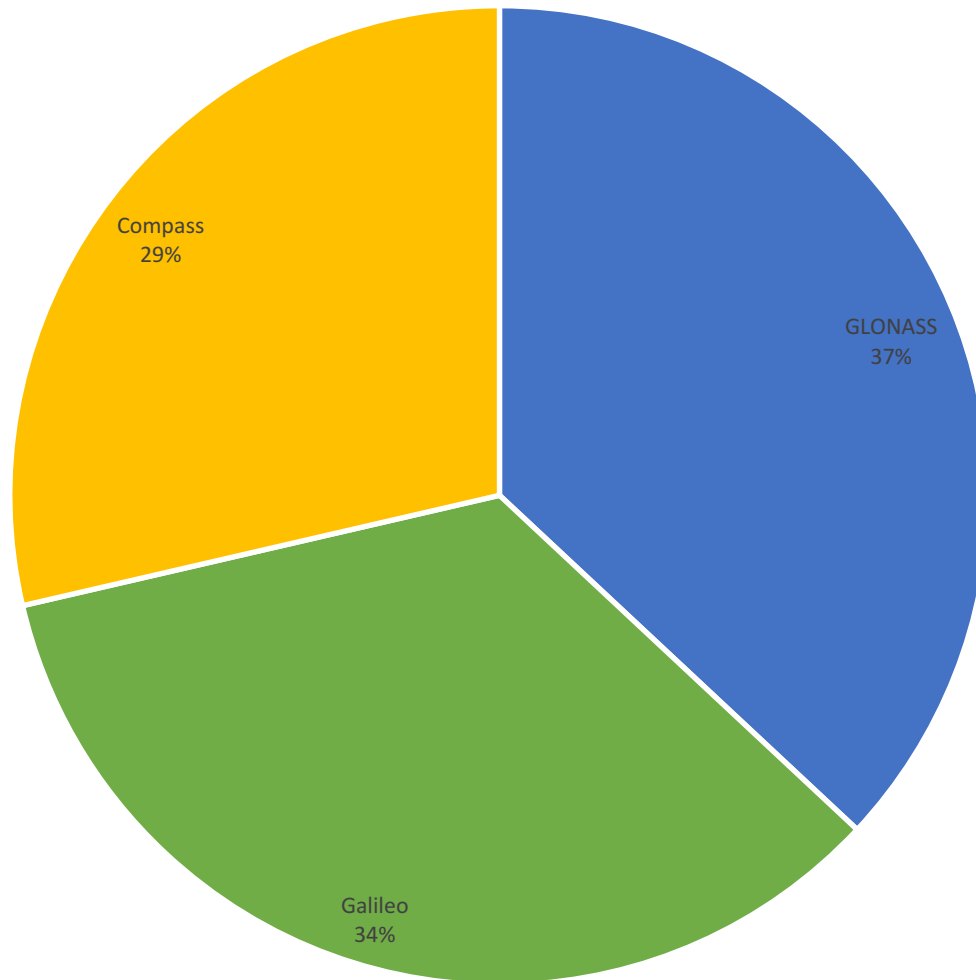
Related links:

- ILRS priority list:
https://ilrs.cddis.eosdis.nasa.gov/missions/mission_operations/priorities/index.html
- LARGE campaign information:
https://ilrs.cddis.eosdis.nasa.gov/science/ILRS_LARGE_sg/index.html

Station Tracking Totals by Constellation
(passes)



Station Tracking Totals by Constellation (NPTs)



Tracking Totals by Network (NPTs)

