

AE4E08 Satellite Navigation – Assignment 1 Future GNSS

In the near future there should be four Global Navigation Satellite Systems around. Write a small report (3-4 pages A4, incl. references) in which you address the following:

- Characteristics of the four GNSSs (should **at least** contain the information as indicated in the table below, more is better; you may present it as you like, i.e. not necessarily in table)
- A brief section on interoperability of the systems and main differences
- A brief section on the main advantages of having access to multiple systems

You will receive an annotated copy of your report back, including a grade. The information in your report is EXAM MATERIAL.

Include the sources of information that you used (websites, books, publications). **If references are missing, this will affect your grade.** You can find some of the information in the book (Misra and Enge, chapter 3), but this may not be the most up-to-date information!

Name	GNSS1	GNSS2	GNSS3	GNSS4
Country / union				
No. of satellites (nominal)				
No. of satellites (currently in orbit)				
No. of orbital planes				
Orbit altitude				
Orbital period				
Frequencies				
Signals/services				
When operational?				
...				