

DAILY ASSESSMENT FORMAT

Date:	02-07-2020	Name:	poorvi
Course:	Satellite photogrammetry and its application	USN:	4AL17EC071
Topic:	navigation		6th b
Github Repository:	Poorvi-2000		

FORENOON SESSION DETAILS

7/7/2020 ~~10/10~~
 landmark based navigation:-
 Stone - Trees - Monuments (local use)

→ Dhuva project was founded
 by Ministry of electronics
 and information technology.
 with SAMEER.

Satellite navigation

↓ A satellite navigation
 system is a system that
 uses satellites to provide
 autonomous geo-spatial
 positioning.

ex:- GLOBAL -

- NAVSTAR GPS
- GLONASS
- BEIDOU
- GALILEO

GPS signal structure

Each GPS satellite
 transmits a number of
 signal.

↓ GLONASS fundamentals
 frequency is 5.0 MHz

Receivers

Single frequency

- * Baseline accuracy 1cm/
 5mm ± 2/1 ppm (rms)
- * uses post process L carrier
 phase.
- * used for all surveying
 tasks with baselines
 up to 15 km.

Steps in photogrammetry





