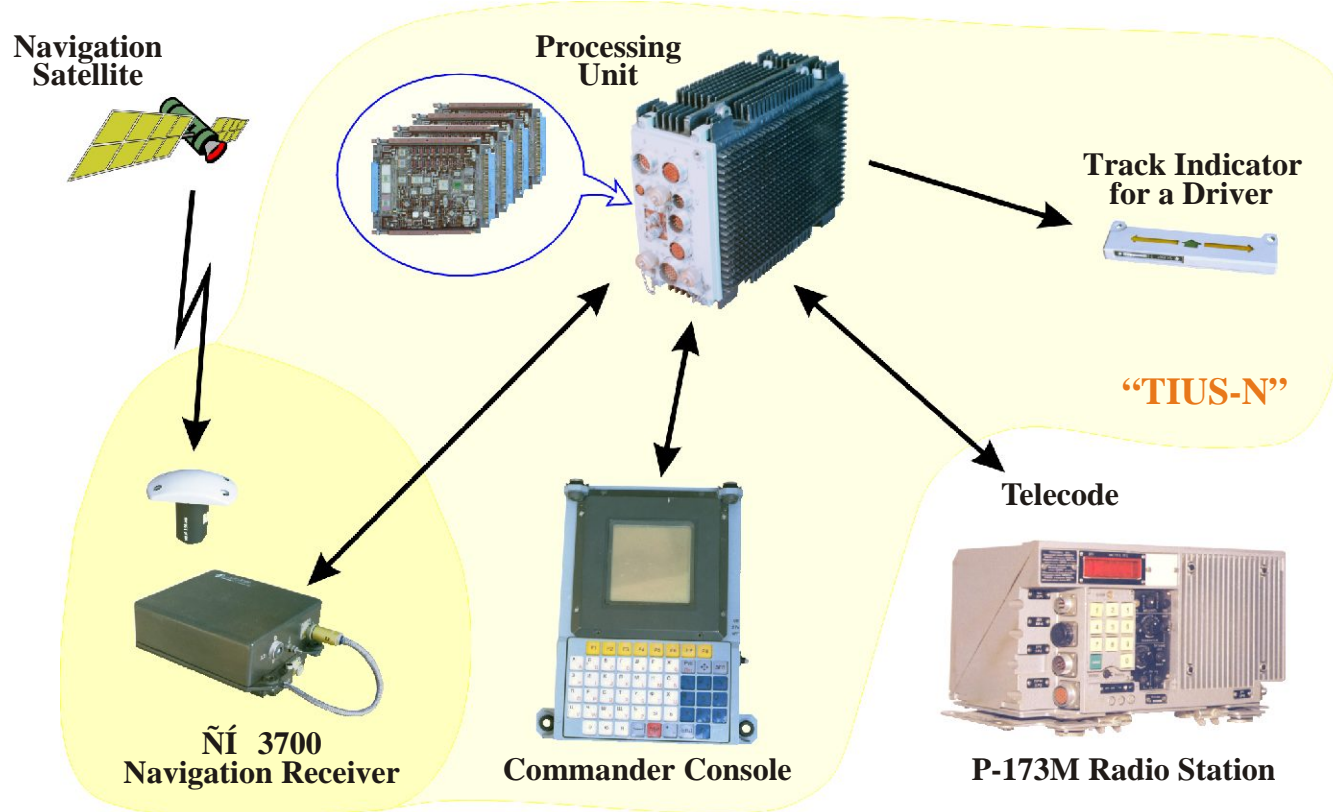


"TIUS-N" NAVIGATION AND COMMUNICATION SUBSYSTEM

Designation

"TIUS-N" is designated for:

- determination of current site parameters, actual speed and time with the help of SNS GLONASS and GPS radio signals in any place of the globe, at any point of time irrespective of weather conditions;
- assigning to itself and the subordinates of the destination point over the command radio line and determination of the distance to the operator, turn angle, time of arrival at the command of the operator;
- address questioning of the subordinates location;
- acceptance-delivery of the teletext;
- storage of up to 50 route points.



Description

"TIUS-N" consists of the command console, driver's console, processing unit, SN3700-type navigation information sensor and provides the following:

- 1) At the command of the operator it shows at the console screen information about navigation parameters of the object by way of table or topographic map fragment.
- 2) At the command of the operator it shows information about destination by way of table (range, additional turn angle, time of arrival) or mark on the topographic map fragment; it allows to specify coordinates of destination for commander and subordinates.
- 3) At the command of the operator it shows information about location of the subordinates by way of table or symbolic circles of mutual disposition in relation to the commander.
- 4) At the command of the operator it allows to specify and store 50 points along the forthcoming path (allows to determine range, turn angle, time of arrival for any of them).
- 5) Communication of text printed on the console to any of the chosen vehicles.
- 6) Accuracy in determination of coordinates under GLONASS / GPS $\pm 10m$.