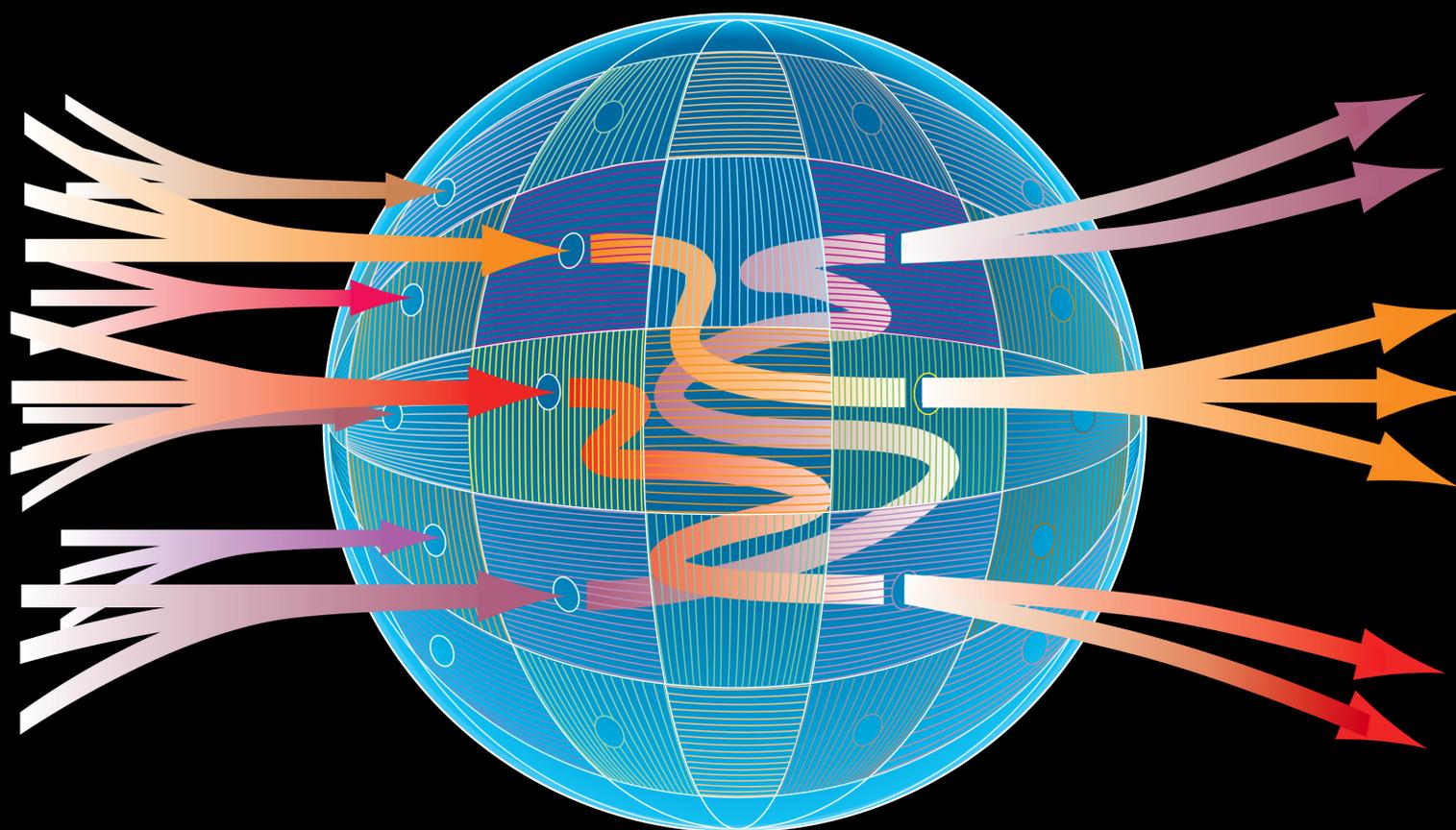


# NAVIGATION SENSOR SYSTEM INTERFACE (NAVSSI)

COLLECT

PROCESS

DISTRIBUTE



## *Input*

- GPS VME RECEIVER CARD (GVRC)
- AIRCRAFT CARRIER NAVIGATION SYSTEM (CVNS)
- INERTIAL NAVIGATION SYSTEM (INS)
- RING LASER GYRO NAVIGATOR (RLGN)
- DOPPLER SONAR VELOCITY LOG (DSVL)
- ELECTROMAGNETIC LOG (EM LOG)
- AN/UQN-4/4A FATHOMETER

## *Output*

- PRECISE TIME
- POSITION, VELOCITY, AND ACCELERATION
- ROLL, PITCH, AND HEADING
- GPS RECEIVER INITIALIZATION DATA
- COURSE AND SPEED OVER GROUND
- DEPTH BELOW KEEL
- TRUE AND RELATIVE WIND SPEED AND DIRECTION