file *–shipnav-PP_CINNA.nav (directory shipnav)

VARIABLE	OBSERVATION
lat	latitude of the reference point of the ship
long	longitude of the reference point of the ship
alt	altitude of the reference point of the ship above the reference ellipsoid
gndspeed	speed of the reference point of the ship relative to the surface of water
gndcourse	heading of the speed vector of the reference point of the ship relative to the surface of water
surfspeed	speed of the reference point of the ship relative to the surface of water
surfcourse	heading of the speed vector of the reference point of the ship relative to the surface of water
driftspeed	estimated drift speed of the reference point on the ship
driftcourse	heading of the drift speed vector of the reference point of the ship. Drift speed vector = ground speed vector - surface speed vector
heading	true heading of the ship
roll	roll around the X axis of the vessel. Positive values mean the left is above the right.
pitch	roll around the Y axis of the vessel. Positive values mean the front is above the back.
heave	variation of vertical position of the vessel around a reference level. Positive values mean the vessel is above the reference level.
depth	heigh of the water column at the position of the ship
draught	heih of the water column between the surface and the bottom of the keel
time	acquisition time