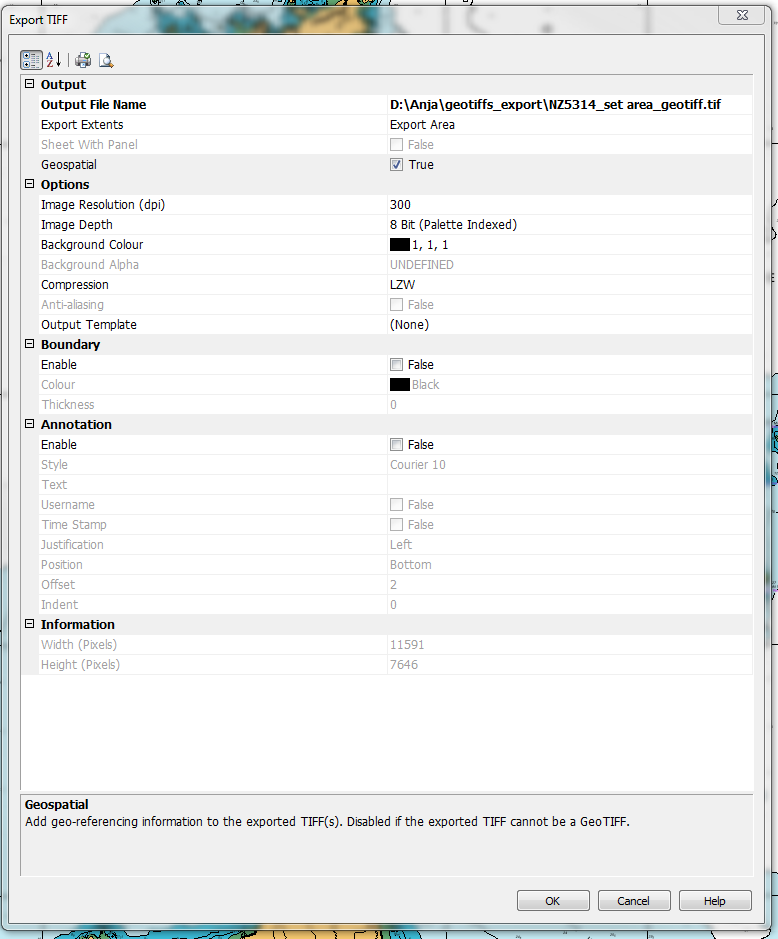
1. **Goal:** We would like to export geotiffs of our vector and raster charts.

**Current process**: We export all paper charts to BSBs which we firstly publish on a monthly basis on our webpage and secondly use to create geotiffs of each panel/paper charts. We take the BSB files and run a script over them and using the rnc outer line of the \*.KAP file to clip the marginalia off the panel/chart and then release these clipped geotiffs on our LINZ Data Service.

**Future thinking**: We consider to remove BSBs from our portfolio and would like to investigate the possibility to export geotiffs directly from Paper Chart Editor. As a start we looked into the “Export TIFF” tool where a “Geospatial” output option is available but we have been running into some issues with the projections. Furthermore, we would need to investigate how to clip off the marginalia of each panel/chart by using a reference box, panel outline, customised script or another option.

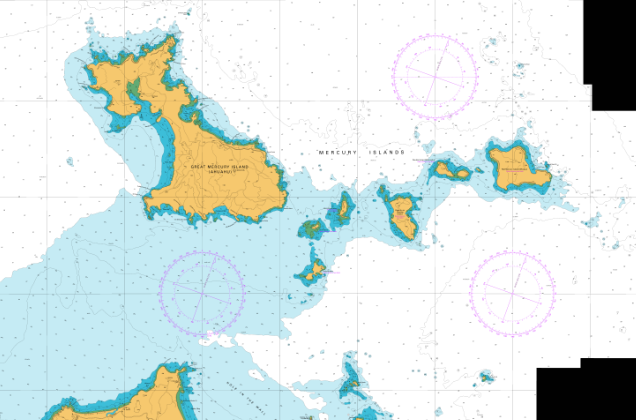
1. **We tried this process:**

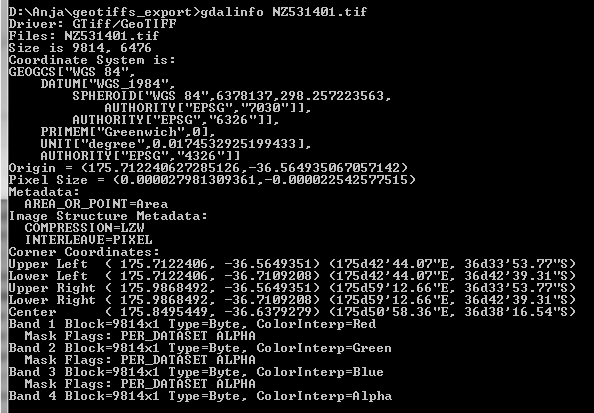
* set area by snapping to the $rncpanel feature
* File – Export – TIFF: geospatial = true, background colour = 1,1,1 (to make area outside the $rncpanel transparent)



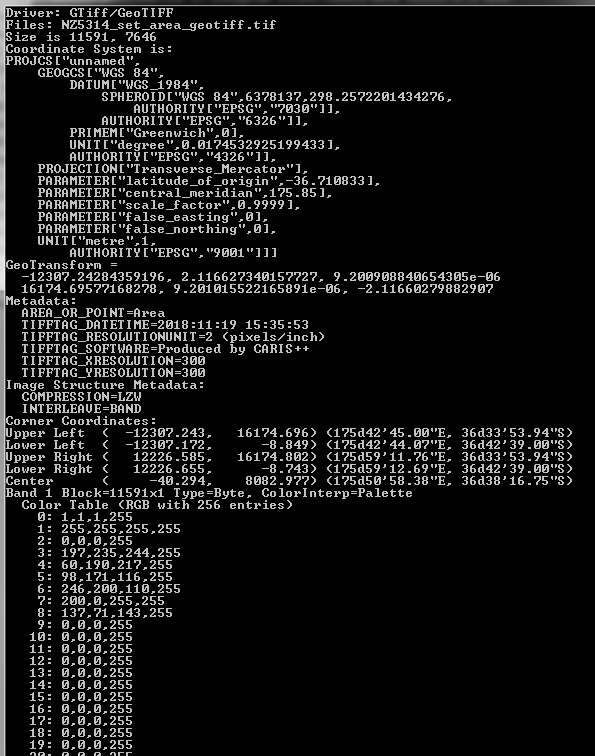
* Question 1: Would you recommend any other options to achieve our goal?

1. **Export Vector chart NZ 5314 to geotiff – result:**

* We have applied the process described under point 2.
* The output looks like as we want it but something went wrong with the projection (attach file). When we open the image in QGIS the projection is wrong.
* This is a gdalinfo for an image based on our current process. I’ll refer to it as “correct” image. This is how we want the projection information to be:



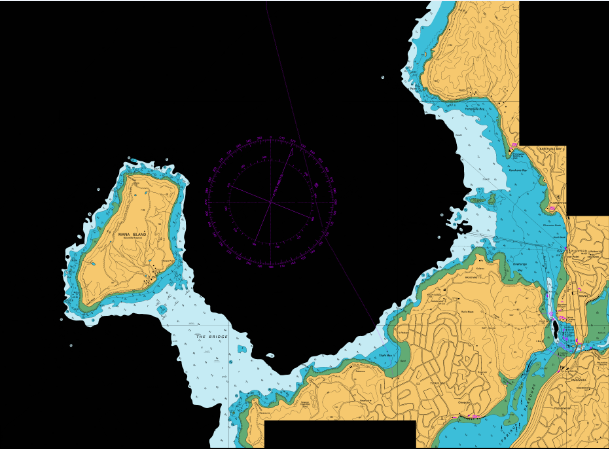
* This is a gdalinfo for an image with the process I described under point 2. I refer to it as “wrong” image. This is how it looks like:



* Question 2: Could you advise how to change the projection for a vector chart in Paper Chart Editor to achieve the projection outcome of the “correct” image, please?

1. **Export Raster chart NZ 6144 to geotiff – result:**

* We applied the process as described under point 2.
* File – Export – TIFF and set the background colour to 1,1,1. The result for the raster chart geotiff image actually looks like there is a bug because the white depth area inside the $rncpanel gets set to black, too, and not only the areas outside the $rncpanel.



* Question 3: Could you advise how to change the projection for a raster chart in Paper Chart Editor to achieve the projection outcome of the “correct” image, please?
* Question 4: Could you look into the bug why the depth areas are set to black whereas this doesn’t happen for vector charts?

1. **Script:**

* We use this script:

carisbatch -r ExportChartToTIFF --out-resolution 300 --export-extents EXPORT\_AREA --colour-depth 8 --background "RGB(1,1,1,100)" hpd://aboehme:XXpasswordXX@PHPD/db?chartversionid=6161 D:\Anja\geotiffs\_export\NZ\_5314\_script.tif

* I used my user login details for this script. The batch files outputs this error.



* Question 5: How can we make this batch file work to output a geotiff based on vector and raster charts, please?