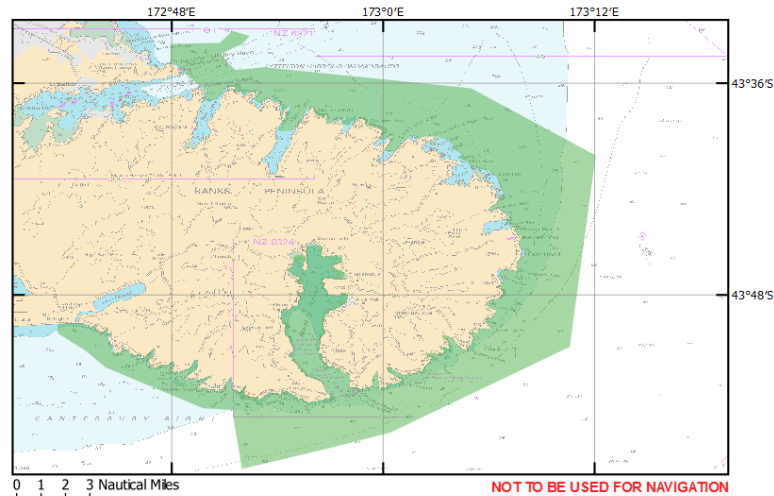





Banks Peninsula Hydrographic Survey

Survey summary	<p>Toitū Te Whenua Land Information New Zealand (LINZ), in partnership with Environment Canterbury (ECAN) and Department of Conservation (DOC), is undertaking a high-tech survey of the seabed around Banks Peninsula.</p> <p>The survey area extends around the Peninsula from Awaroa / Godley Head to Birdlings Flat and includes Akaroa Harbour.</p> <p>The data collected will be used to update navigational charts for the many commercial and recreational mariners who operate in this area. The data will also be used to help make informed decisions about resource management and marine biodiversity.</p> <p>Specialist marine survey company, Discovery Marine Limited, is undertaking this survey on behalf of LINZ.</p> <p>This company has extensive experience working throughout New Zealand and the Pacific using the latest hydrographic surveying tools and technology.</p> <p>They will survey up to 70m deep in places to create detailed 3D maps of the seafloor.</p> <p>Information from the survey will be made available through the online LINZ Data Service to support wider research into the marine environment.</p>
Survey area	
Survey area description	Banks Peninsula from Awaroa / Godley Head to Birdlings Flat, including Akaroa Harbour
Discoveries	During this survey we may encounter new or previously unidentified reefs, shoals, and wrecks. LINZ will use the data to update navigational charts, but any major hazards will be immediately reported through notices to mariners.
Fieldwork time estimate	The survey fieldwork is scheduled to take 8 weeks from mid-October to mid-December 2021. Fieldwork may resume again in mid January, if necessary, to complete the survey.
Community & environmental considerations	<p>Operations will be 24 hours in offshore areas. Operations closer to the shore (including in the vicinity of Akaroa Harbour) will be reserved for daylight operations only.</p> <p>Surveys typically take place at slow speeds (<8kts).</p> <p>The echosounders used to map the seafloor in this survey have been assessed as having a minimal impact on marine mammals. Wildlife sightings will be recorded during the survey.</p>

<p>Technical considerations</p>	<p>Tide stations will be installed at key locations around the Peninsula to support the accuracy of the data. Below are some images of the instrumentation used at tide stations. Members of the public are advised to not touch these instruments.</p> <div data-bbox="392 210 890 743">  <p>Tide Gauges installed on Wharf or Beacon</p> <p>Tide Gauge</p> <p>Barometric Sensor</p> <p>Geodetic Marks (left, permanent) and GNSS Receiver (right, temporary)</p> </div>
<p>Vessels conducting sounding operations</p>	<p>MV Tranquil Image (offshore survey vessel), Length: 23.2m, Width: 6.4m, MNZ number: 876233</p>  <p>Tupaia (inshore survey vessel), Length: 7.7m, Width: 0.7m, MNZ Number:142238</p> 
<p>Infield contacts for survey operation</p>	<p>Discovery Marine Limited: Jimmy van der Pauw, Survey Manager, jimmy@dmlsurveys.co.nz Phone +64 22 160 6329</p>
<p>All media enquiries</p>	<p>LINZ: media@linz.govt.nz or phone +64 (0) 27 571 5972</p>
<p>Want more?</p>	<p>For more information about this survey and others please visit https://www.linz.govt.nz/sea/charts/annual-work-programme</p>