



NAVIGATION SAFETY ASSESSMENT William Fraser Sand Extraction in Bream Bay

Summary of the navigation safety in Bream Bay for McCallum Bros Limited®

McCallum Bros Limited® (MBL) is applying for a resource consent to extract sand 4.7 km offshore between 12:00 pm – 6:00 pm (April-September) and 12:00 pm – 8:00 pm (October-March). MBL's *William Fraser* is trailing suction vessel that will extract sand over the application area within 3.5 hours travelling between 1.5 and 2.5 knots while extracting. The proposed extraction area occurs in the vicinity of existing anchorage sites that are used by commercial vessels awaiting berthage at North Port. The embayment is considered to have a high commercial vessel presence characterised by oil tankers, log ships and bulk carriers. The table below summarises vessel movements (to and from) the Bream Bay area from 2014-2024.

	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
Northport	265	271	257	303	283	309	298	262	237	211
CI/RNZ	223	221	192	202	198	220	159	146	122	123
Portland	189	185	134	62	94	60	116	114	125	109
Upper Harbour	27	23	56	19	12	12	23	12	Inc in Portland above	Inc in Portland above
Total Ships	704	700	639	586	587	601	596	534	484	443

This assessment has been carried out by the Harbourmaster's Department of Northland Regional Council. The report is solely concerned with the navigational safety impact of the operation. It in no way covers any possible environmental or cultural impacts, nor does it confer any support or otherwise for the operation.

It is considered that **the proposed sand extraction operation in Bream Bay can be competently managed with respect to navigational safety and does not impose an unacceptable risk for the NRC and other stakeholders** (Northport/ CI, Golden Bay or commercial or recreational users) using the bay. Harbourmaster guidelines and Navigation Safety bylaws must be followed.