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| Namadgi has three heads. Each head has a 70L holding tank located in the wall behind it. Each head and tank forms a completely isolated system. Sewage is pumped directly from the head to the respective tank above it. Each tank must be emptied separately when required. | C:\Users\Dee Taylor\AppData\Local\Microsoft\Windows\INetCache\Content.Word\DSCN3128.jpg |
| Each head has a toilet seawater inlet located in the cupboard which must be opened so that seawater is able to flow through the toilet and wash sewage into the tank when you pump the head. | C:\Users\Dee Taylor\AppData\Local\Microsoft\Windows\INetCache\Content.Word\DSCN3144.jpg |
| The lever of the manual flush should normally be set to dry bowl. To allow water to enter the head, flick the lever to wet bowl and pump the handle at least 12 times to pump the sewage up to the tank. |  |
| Minimize the amount of toilet paper you use and ensure that there is plenty of water moving through the system so that the paper does not dry out in the pipe where it will block. Once the sewage has been pumped into the tank, return the lever to dry bowl and pump a few more times to remove any excess water from the bowl. | C:\Users\Dee Taylor\AppData\Local\Microsoft\Windows\INetCache\Content.Word\DSCN3127.jpg |
| Be aware that some toilet papers break down more easily than others. This brand of toilet paper is biodegradable, endorsed by planet ark, readily available in supermarkets and breaks down much quicker than other brands of toilet paper (even those advertised for marine toilets). Using this brand of toilet paper will help ensure that the plumbing does not get clogged with paper. |  |
| Do **NOT** flush baby wipes, paper towels, tampons, sanitary napkins, or hair down the toilet. It will block. |  |
| 12 Volt DC electrical panel – The reading for the holding tank will show an alarm when any one of the tanks reaches a pre-set level. If an alarm is triggered, the red light to the left of the text display window will flash. The display will show the menu which has issued the alarm and the alarm itself will be shown by a flashing exclamation mark next to the menu bar. To acknowledge the alarm, press the acknowledgment button (the button on the right of the up/down arrows with a return symbol on it) for 2 seconds. The red light extinguishes when you acknowledge the alarm, although the cause of the alarm activation is still there until you resolve it. |  |
| Sewage can be dumped by gravity from each tank to the sea via a wastewater stop cock. There is no macerator pump in this system.  As per NSW legislation, the waste water outlet cock should always be closed in port or within 3nm of the coast. When at sea, empty each tank one at a time by opening the wastewater outlet cock. Have an observer in the cockpit check that each tank is emptying as you open the outlet. Flush some sea water into the tank via the aft head to rinse it. Close the outlet cock as soon as you are satisfied that the tank is empty. If the tank is not emptying, try changing tack to see if that will release the material. | C:\Users\Dee Taylor\AppData\Local\Microsoft\Windows\INetCache\Content.Word\DSCN3143.jpg |
| Check the capacity gauge on the control panel. The gauge sometimes gives incorrect readings. If in doubt about the level of the tank, you can unscrew the timber wall plate above each toilet to get visual confirmation that the tank is empty. |  |
| The 3 sewage pump out ports are located on deck directly above each holding tank. They can be opened with a winch handle. |  |
| The black polypropylene waste camlock coupling which is needed to pump out the holding tanks can be found in the forward head cupboard under the sink. It is tied with a piece of string and stored on a hook till required. |  |
| To empty the holding tanks at a pump out station, attach the camlock coupling to the pump-out deck outlet. • The pump out operator will vacuum out the tank contents. • Check the capacity gauge on the control panel. • Flush some sea water into the tank via the aft head and empty the tank again to rinse it. Wash the camlock coupling thoroughly before returning to the hook in the forward head cupboard. |  |
| Remember to add Superbowl cleaner fluid to each of the heads to help break up calcification in the pipes and tank. • Flush 100mls through the toilets with fresh water when leaving the yacht unattended for more than a couple of days to limit the smell from dead marine organisms in the seawater in the bowl, inlet and discharge lines |  |
| A list of pump out facilities with their contact details and operating hours can be found on this government website:  <http://www.rms.nsw.gov.au/about/environment/environmental-compliance/vessel-waste-disposal/pumpout-facilities.html#Hawkesbury/BrokenBaypumpoutfacilities> |  |