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## Fin whale (Balaenoptera physalus) acoustic presence off Elephant Island, Antarctica



- Lack of discernable diel cycle during peak call period (May-June).



Feb-13 Mav-13 Aug-13 Sep-13 Oct-13 Oct-14 Nov-14 Jan-13 Jun-13 Nov-13 Dec-13 Feb-14 Jun-14 Aua-14 Sep-14 Dec-14 Jan-15 Feb-15 Jun-15 Sep-15 Dec-15



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- Time series of FI resembles manually logged time series of call rates.
- Fin whale index (FI) detects presence of calls even if fin whale calls are numerous and merging into a continuous band rendering reliable manual counting impossible.

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