Supplement to: Signature of La Niña in interannual variations of the East India Coastal Current during spring

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Fig. S1 Magnitude of OSCAR current (cm s⁻¹) at BoB during spring (average of February-April) La Niña , El Niño and normal events with current vector overlay. ONI value during spring of the respective year are given in each box. Blue, red and black colour in each box represents La Niña, El Niño and normal event respectively. Detailed classification of events during spring in each year are described in Table 2 of the manuscript. Remaining year between 2000–2018 are shown in Figure 1.



Fig. S2 Same as Figure S1, but using LCSCR.



Fig. S3 400 day high-pass filtered current magnitude (cm s⁻¹), which represent variability of the current with timescale less than 400 days, are shown using LCSCR at BoB during spring (average of February–April) La Niña, El Niño and normal events with 400 day high-pass filtered current vector overlay. ONI value during spring of respective year are given in each box. Blue, red and black colour in each box represents La Niña, El Niño and normal event respectively. Detailed classification of events during spring in each year are described in Table 2.



Fig. S4 400 day low-pass filtered current magnitude (cm s⁻¹), which represent interannual variability, are shown using LCSCR at BoB during spring (average of February–April) La Niña , El Niño and normal events with interannual current vector overlay. ONI value during spring of respective year are given in each box. Blue, red and black colour in each box represents La Niña, El Niño and normal event respectively. Detailed classification of events during spring in each year are described in Table 2. Remaining years between 2000–2018 are shown in Figure 6 of the main manuscript.



Fig. S5 Interannual (400 day low-pass filtered) spring average SLA of LCSCR (cm) at BoB with interannual vector overlay (400 day low-pass filtered) during La Niña , El Niño and normal events. ONI value during spring of respective year are given in each box .Blue, red and black colour in each box represents La Niña, El Niño and normal event respectively. Detailed classification of events during spring in each year are described in Table 2.