


1. Bridge name:	The Storebaelt Link East Bridge
2. Location:	Denmark
3. Year opened to traffic:	1998
4. Design: Suspension/Cable stayed etc.	Suspension
5. Type of traffic: Road and/or railway	Road traffic
6. Bridge owner Contact information	Sund & Baelt Holding Vester Søgade 10 1601 Copenhagen V Lars Fuhr Pedersen: <a href="mailto:lfp@sbf.dk">lfp@sbf.dk</a>
7. Bridge operator Contact information If possible concession period	Sund & Baelt Holding Vester Søgade 10 1601 Copenhagen V
8. Traffic: Average Annual Daily Traffic-AADT (Both directions) year 2015: Max. recorded daily traffic 2015 (Both directions): Max. recorded traffic per hour 2015 (both directions): Percentage of trucks 2015 Collisions Statistics 2015	32,548 (Total year 2015: 11,880,022) 48,257 5,048 10 pcs. 25
9. Number of road lanes per direction Number of rail lanes per direction  Pedestrian Y/N Cyclist Y/N Emergency lane Y/N Other: _____  Road wearing surface type	2 0  <b>N</b> <b>N</b> <b>Y</b>  Mastic asphalt approx. 59 mm
10. Total length of the bridge  Main span  Approach span	6.8 km  1.624 km  1.6 km / 2.5 km
11. Type and height of pylon/Towers	Reinforced concrete Height: 254.1 meters

12. Type of girder Height and width	Steel Closed box girder Suspension span: H= 4 metres B= 31 metres Approach span: H= 7.1 metres B= 25.1 metres
13. Type of foundation	Gravity Foundation
14. Sea depth at main span	70 metres
15. Vessel navigation Channel Width Clearance for vessels	1384 metres 65 metres
16. Vessel/Ship traffic (annual traffic in 2015)	Approx. 25.000
17. Cable structure:  Type, dimension etc. of main cable/stay cable  Type, dimension etc. of hangers  Is the cable structure dehumidified If so, established year	Parallel wire(5.38 mm) in 37 strands Diameter 827 mm  Full locked coil rope $\varnothing$ 98, $\varnothing$ 75, $\varnothing$ 65 mm with HDPE sheathing – 7 mm  Dehumidified (2015)
18. Expansion joints: Number Type Product	6 2xDS2000, DS1520, DS1200, DS900, DS800 Mauer
19. Bearings: Number  Type  Product	2 vertical bearings on each pier. Total 46 4 vertical bearings on each anchor block. Total 8 2 horizontal bearings on the pylons. Total 4  4xRM9.2 MN, 4xRM10,2 MN, 4xRM14,2 MN 4xRM35,5 MN 34xRM42,0 MN 4xRU42,0 MN (Firm bearings) 4xN14,0 MN (Pylons) FIP Industriale Italy
20. Extent of inspection and maintenance platforms.	One main cable inspection platform One gantry for the suspension bridge One gantry for the approx. span

21. Means of funding bridge construction and ongoing costs	Tax from the toll station
22.	
23.	
24.	

	<p>The Storebaelt Link</p> <p>The East Bridge</p>
<p>Website: Video:</p>	<p><a href="http://sundogbaelt.dk/en/frontpage/">http://sundogbaelt.dk/en/frontpage/</a> <a href="https://vimeo.com/188955269">https://vimeo.com/188955269</a></p>
<p>Other comments: 2x2 Hydraulic Buffers between anchor block and suspension bridge girder. Fwork=5 MN Type FIP Industriale Italy</p>	