

4.1 DRUM LENGTHS PROPOSED



Drum Lengths Proposed

PROJECT: Eros - St. Faith's (Single Circuit Section) S/T Rev 1.2
(12-05-2016) 400 kV

PRYSMIAN Calculations (m)					
drum	sections		Σ span	span+sag	sp+sa+downleads
1	0	11	3 981	4 100	4 346
2	11	19	3 834	3 949	4 195
3	19	27	2 940	3 028	3 274
4	27	40	5 227	5 384	5 630
5	40	47	3 863	3 979	4 225
6	47	57	4 971	5 120	5 366
7	57	65	3 763	3 876	4 122
8	65	72	3 755	3 868	4 114
9	72	81	4 920	5 067	5 313
10	81	91	4 970	5 119	5 365
11	91	98	4 165	4 290	4 536
12	98	108	3 257	3 354	3 600
13	108	119	4 274	4 402	4 648
14	Spare		-	-	6 000
	Total		53 919	55 536	64 734

These drum lengths proposed must be approved by ESKOM.