




c	.	.	.
b	.	.	.
a	.	.	.
	Popis změny	Datum	Vykonat

**SPIE Elektrovod, a.s.**  
odštěpný závod Brno  
Traťová 1, 619 00 Brno



Vypracoval	Ing. Hnilica		Zakázkové číslo	231 15 013
Prověřil	Ing. Kováč		Druh dokumentace	DPS
Schválil	Ing. Kováč		Datum	08.2019
Stavba	V556 - Výměna vedení		Měřítko	.
SO - PS	E1. SO01.a: Výměna vedení Část elektro		Počet A4	92
Název  <b>Montážní tabulky-počátečné</b>			Seznam dokumentace	SPIE 52-9-00414
			Archivní číslo	Příloha
			<b>SPIE 52-8-00054</b>	<b>14</b>

## 1) FÁZOVÝ VODIČ

**Portál V556 Tr Vyškov – St.č.1**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 92.7031**

Sagging data: Catenary (m) 520.216, Horiz. Tension (N) 5000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
92.9	1.99	2.06	2.13	2.20	2.26	2.33	2.39	2.45	2.51	2.57	Rz Vys	6.54

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
5219	5043	4879	4733	4599	4474	4357	4249	4149	4053

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

2

**St.č.1 – St.č.4**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 184.221**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
175.6	1.86	1.98	2.10	2.22	2.34	2.47	2.59	2.72	2.85	2.97	1	-1.47
173.7	1.82	1.93	2.05	2.17	2.29	2.41	2.54	2.66	2.79	2.91	2	-2.29
199.9	2.42	2.56	2.72	2.88	3.04	3.20	3.36	3.53	3.69	3.85	3	-3.21

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
19887	18731	17676	16706	15820	15012	14279	13615	13009	12464

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

3

**St.č.4 – St.č.5**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 187.877**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
188.0	2.14	2.27	2.40	2.54	2.68	2.82	2.96	3.11	3.25	3.39	4	-5.30

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
19819	18679	17658	16705	15837	15054	14330	13673	13085	12548

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

4

**St.č.5 - St.č.9**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 234.457**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span Length	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Left Struct Number	Span Vertical Projection
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C			
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
303.3	5.84	6.12	6.39	6.66	6.94	7.21	7.48	7.76	8.02	8.29	5	-15.16
210.7	2.81	2.95	3.08	3.21	3.34	3.47	3.60	3.74	3.86	3.99	6	0.43
182.2	2.11	2.21	2.31	2.41	2.50	2.60	2.70	2.80	2.90	2.99	7	12.10
145.0	1.33	1.40	1.46	1.52	1.58	1.65	1.71	1.77	1.83	1.89	8	5.10

Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
18947	18095	17329	16613	15957	15352	14798	14277	13808	13364

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

5

**St.č.9 – St.č.11**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 164.057**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
181.0	1.94	2.08	2.22	2.36	2.51	2.67	2.82	2.98	3.14	3.30	9	12.34
140.2	1.17	1.25	1.33	1.42	1.51	1.60	1.69	1.79	1.88	1.98	10	10.29

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C	
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	
20297	18987	17814	16708	15704	14802	13985	13252	12588	11983	

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

6

**St.č.11 - St.č.12**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 189.251**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
189.7	2.19	2.32	2.46	2.60	2.74	2.88	3.03	3.17	3.31	3.45	11	13.76

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
19785	18662	17641	16688	15837	15053	14338	13690	13111	12565

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

7

**St.č.12 - St.č.13**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 142.314**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
142.4	1.18	1.26	1.36	1.46	1.57	1.68	1.79	1.91	2.03	2.14	12	4.33

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
20723	19278	17935	16693	15554	14533	13597	12771	12030	11366



**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

8

**St.č.13 - St.č.18**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 285.23**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span Length	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Left Struct Number	Span Vertical Projection
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C			
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
205.9	2.80	2.90	2.99	3.09	3.18	3.28	3.37	3.46	3.55	3.65	13	6.25
373.4	9.21	9.53	9.85	10.16	10.48	10.79	11.10	11.40	11.70	12.01	14	-18.13
202.5	2.72	2.81	2.91	3.00	3.09	3.18	3.28	3.37	3.45	3.54	15	-21.68
306.0	6.18	6.39	6.60	6.82	7.03	7.24	7.44	7.65	7.85	8.05	16	0.07
172.8	1.98	2.05	2.12	2.18	2.25	2.32	2.39	2.45	2.52	2.58	17	-19.27

Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
18225	17611	17048	16519	16024	15563	15127	14726	14350	13990

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

9

**St.č.18 - St.č.20**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 202.368**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
219.7	2.97	3.14	3.30	3.48	3.65	3.83	4.00	4.18	4.35	4.52	18	-0.39
179.3	1.98	2.09	2.20	2.32	2.44	2.55	2.67	2.78	2.90	3.01	19	10.56

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C	
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	
19529	18491	17554	16686	15886	15153	14497	13892	13338	12834	

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

10

**St.č.20 - St.č.21**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 157.981**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
158.0	1.47	1.57	1.68	1.80	1.91	2.04	2.16	2.28	2.41	2.54	20	2.04

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
20433	19090	17848	16709	15671	14735	13901	13134	12444	11822

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

11

**St.č.21 - St.č.24**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 325.108**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
330.1	7.36	7.56	7.77	7.97	8.17	8.37	8.56	8.75	8.94	9.13	21	-1.15
371.8	9.34	9.60	9.86	10.12	10.37	10.62	10.87	11.11	11.35	11.60	22	-11.10
176.4	2.10	2.16	2.22	2.27	2.33	2.39	2.44	2.50	2.55	2.60	23	0.47

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
17809	17331	16870	16443	16049	15665	15310	14972	14655	14351

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

12

**St.č.24 - St.č.26**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 148.643**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
147.2	1.26	1.36	1.45	1.56	1.67	1.78	1.90	2.02	2.14	2.25	24	0.56
150.1	1.31	1.41	1.51	1.62	1.74	1.85	1.98	2.10	2.22	2.34	25	-5.14

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C	
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	
20604	19193	17900	16710	15604	14617	13715	12915	12199	11560	

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

13

**St.č.26 - St.č.27**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 183.579**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
183.8	2.04	2.17	2.30	2.43	2.57	2.71	2.85	2.99	3.13	3.27	26	-9.38

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
19887	18748	17676	16706	15821	15003	14271	13606	13001	12447

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

14

**St.č.27 - St.č.29**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 337.635**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
342.2	7.95	8.16	8.37	8.57	8.77	8.98	9.17	9.37	9.56	9.75	27	0.05
332.9	7.53	7.73	7.92	8.12	8.31	8.50	8.68	8.87	9.05	9.23	28	-5.15

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C	
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	
17696	17243	16825	16423	16046	15687	15353	15032	14728	14441	

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

15

**St.č.29 - St.č.36**
**Fázový vodič 243-A11/39-ST1A**
**Ruling span (m) 347.398**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span Length	Mid Span Sag -5 C (m)	Mid Span Sag 0 C (m)	Mid Span Sag 5 C (m)	Mid Span Sag 10 C (m)	Mid Span Sag 15 C (m)	Mid Span Sag 20 C (m)	Mid Span Sag 25 C (m)	Mid Span Sag 30 C (m)	Mid Span Sag 35 C (m)	Mid Span Sag 40 C (m)	Left Struct Number	Span Vertical Projection (m)
159.3	1.73	1.77	1.82	1.86	1.90	1.94	1.98	2.02	2.06	2.10	29	5.87
384.0	10.07	10.32	10.56	10.81	11.05	11.29	11.53	11.76	12.00	12.23	30	-0.67
382.3	9.98	10.23	10.47	10.71	10.95	11.19	11.42	11.66	11.89	12.12	31	3.06
350.3	8.37	8.58	8.79	8.99	9.19	9.39	9.59	9.79	9.98	10.17	32	3.71
376.1	9.66	9.90	10.14	10.37	10.60	10.83	11.06	11.29	11.51	11.73	33	-7.67
358.6	8.78	9.00	9.21	9.42	9.63	9.84	10.05	10.26	10.46	10.66	34	0.34
200.2	2.74	2.80	2.87	2.94	3.00	3.07	3.13	3.20	3.26	3.32	35	7.35

Horiz Tension -5 C (N)	Horiz Tension 0 C (N)	Horiz Tension 5 C (N)	Horiz Tension 10 C (N)	Horiz Tension 15 C (N)	Horiz Tension 20 C (N)	Horiz Tension 25 C (N)	Horiz Tension 30 C (N)	Horiz Tension 35 C (N)	Horiz Tension 40 C (N)
17617	17190	16788	16412	16053	15710	15389	15081	14789	14511



**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

16

**St.č.36 - St.č.37**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 287.948**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
288.8	5.52	5.71	5.90	6.09	6.27	6.46	6.64	6.82	7.00	7.17	36	22.60

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
18208	17602	17039	16519	16032	15571	15152	14751	14375	14024

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

17

**St.č.37 - St.č.41**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 347.939**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span Length	Mid Span Sag -5 C (m)	Mid Span Sag 0 C (m)	Mid Span Sag 5 C (m)	Mid Span Sag 10 C (m)	Mid Span Sag 15 C (m)	Mid Span Sag 20 C (m)	Mid Span Sag 25 C (m)	Mid Span Sag 30 C (m)	Mid Span Sag 35 C (m)	Mid Span Sag 40 C (m)	Left Struct Number	Span Vertical Projection (m)
282.9	5.47	5.60	5.74	5.87	6.00	6.13	6.26	6.38	6.51	6.64	37	10.98
365.5	9.12	9.35	9.57	9.79	10.01	10.23	10.44	10.65	10.86	11.07	38	2.40
361.4	8.93	9.15	9.37	9.58	9.80	10.01	10.22	10.43	10.63	10.84	39	-15.95
363.4	9.04	9.27	9.49	9.71	9.92	10.14	10.35	10.56	10.77	10.98	40	-29.14

Horiz Tension -5 C (N)	Horiz Tension 0 C (N)	Horiz Tension 5 C (N)	Horiz Tension 10 C (N)	Horiz Tension 15 C (N)	Horiz Tension 20 C (N)	Horiz Tension 25 C (N)	Horiz Tension 30 C (N)	Horiz Tension 35 C (N)	Horiz Tension 40 C (N)
17617	17190	16788	16412	16052	15710	15389	15085	14793	14515

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

18

**St.č.41 - St.č.49**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 342.132**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span Length	Mid Span Sag -5 C (m)	Mid Span Sag 0 C (m)	Mid Span Sag 5 C (m)	Mid Span Sag 10 C (m)	Mid Span Sag 15 C (m)	Mid Span Sag 20 C (m)	Mid Span Sag 25 C (m)	Mid Span Sag 30 C (m)	Mid Span Sag 35 C (m)	Mid Span Sag 40 C (m)	Left Struct Number	Span Vertical Projection (m)
190.9	2.48	2.54	2.61	2.67	2.73	2.79	2.85	2.91	2.97	3.03	41	9.52
149.2	1.52	1.56	1.60	1.63	1.67	1.71	1.75	1.78	1.82	1.85	42	12.58
376.8	9.67	9.91	10.16	10.40	10.64	10.87	11.11	11.34	11.57	11.80	43	-8.26
343.6	8.04	8.24	8.45	8.64	8.84	9.04	9.24	9.43	9.62	9.81	44	-4.97
376.8	9.67	9.91	10.16	10.40	10.63	10.87	11.11	11.34	11.57	11.80	45	2.16
343.0	8.01	8.21	8.42	8.62	8.82	9.01	9.21	9.40	9.59	9.78	46	3.31
369.1	9.28	9.51	9.75	9.98	10.21	10.44	10.67	10.89	11.11	11.32	47	6.47
355.4	8.60	8.82	9.04	9.25	9.46	9.67	9.88	10.09	10.29	10.49	48	-1.04

Horiz Tension -5 C (N)	Horiz Tension 0 C (N)	Horiz Tension 5 C (N)	Horiz Tension 10 C (N)	Horiz Tension 15 C (N)	Horiz Tension 20 C (N)	Horiz Tension 25 C (N)	Horiz Tension 30 C (N)	Horiz Tension 35 C (N)	Horiz Tension 40 C (N)
17661	17225	16806	16422	16054	15703	15369	15057	14761	14478

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

19

**St.č.49 - St.č.51**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 310.519**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
358.9	8.65	8.91	9.17	9.42	9.68	9.93	10.18	10.43	10.67	10.91	49	23.41
167.4	1.88	1.93	1.99	2.04	2.10	2.15	2.21	2.26	2.31	2.37	50	1.62

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C	
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	
17948	17419	16933	16471	16036	15634	15249	14890	14548	14231	

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

20

**St.č.51 - St.č.58**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 320.833**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span Length	Mid Span Sag -5 C (m)	Mid Span Sag 0 C (m)	Mid Span Sag 5 C (m)	Mid Span Sag 10 C (m)	Mid Span Sag 15 C (m)	Mid Span Sag 20 C (m)	Mid Span Sag 25 C (m)	Mid Span Sag 30 C (m)	Mid Span Sag 35 C (m)	Mid Span Sag 40 C (m)	Left Struct Number	Span Vertical Projection (m)
143.9	1.40	1.44	1.48	1.51	1.55	1.59	1.63	1.67	1.70	1.74	51	-8.53
373.9	9.43	9.70	9.97	10.23	10.49	10.75	11.01	11.26	11.51	11.76	52	-19.07
352.0	8.35	8.59	8.83	9.06	9.29	9.52	9.75	9.97	10.20	10.42	53	7.77
128.4	1.12	1.16	1.19	1.22	1.25	1.28	1.31	1.34	1.37	1.40	54	20.75
349.8	8.24	8.48	8.71	8.94	9.17	9.40	9.62	9.84	10.06	10.28	55	-0.31
354.5	8.47	8.71	8.95	9.19	9.42	9.66	9.89	10.12	10.34	10.56	56	-11.29
195.1	2.56	2.64	2.71	2.78	2.85	2.92	2.99	3.06	3.13	3.20	57	-6.36

Horiz Tension -5 C (N)	Horiz Tension 0 C (N)	Horiz Tension 5 C (N)	Horiz Tension 10 C (N)	Horiz Tension 15 C (N)	Horiz Tension 20 C (N)	Horiz Tension 25 C (N)	Horiz Tension 30 C (N)	Horiz Tension 35 C (N)	Horiz Tension 40 C (N)
17844	17349	16888	16452	16042	15657	15289	14947	14622	14313

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

21

**St.č.58 - St.č.61**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 270.001**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
187.2	2.29	2.37	2.46	2.54	2.63	2.72	2.80	2.88	2.96	3.05	58	4.25
339.7	7.53	7.82	8.10	8.38	8.67	8.94	9.22	9.49	9.77	10.03	59	0.75
180.4	2.13	2.21	2.29	2.37	2.45	2.53	2.61	2.68	2.76	2.84	60	-14.26

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
18432	17750	17136	16556	16010	15515	15046	14619	14208	13832

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

22

**St.č.61 - St.č.66**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 302.362**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span Length	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Left Struct Number	Span Vertical Projection
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C			
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
195.6	2.55	2.63	2.71	2.79	2.87	2.95	3.03	3.10	3.18	3.25	61	-10.77
369.0	9.08	9.36	9.65	9.93	10.21	10.49	10.76	11.04	11.30	11.57	62	4.17
133.7	1.20	1.24	1.28	1.31	1.35	1.39	1.42	1.46	1.50	1.53	63	18.28
312.2	6.50	6.70	6.91	7.11	7.31	7.51	7.70	7.90	8.09	8.28	64	3.80
312.9	6.53	6.73	6.94	7.14	7.34	7.54	7.74	7.93	8.12	8.32	65	4.22

Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
18035	17489	16968	16490	16038	15610	15217	14841	14490	14156

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

23

**St.č.66 - St.č.70**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 299.077**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C			
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
175.7	2.05	2.12	2.19	2.25	2.31	2.38	2.44	2.50	2.56	2.63	66	-1.00
298.9	5.95	6.14	6.33	6.52	6.71	6.89	7.07	7.26	7.44	7.62	67	13.09
378.8	9.55	9.86	10.16	10.46	10.76	11.06	11.35	11.65	11.93	12.22	68	4.42
192.8	2.47	2.55	2.63	2.71	2.79	2.86	2.94	3.02	3.09	3.16	69	-4.37

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
18069	17506	16977	16491	16030	15603	15201	14816	14465	14123



**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

24

**St.č.70 - St.č.72**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 374.143**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
377.7	9.85	10.07	10.28	10.49	10.69	10.90	11.10	11.31	11.50	11.70	70	12.65
370.8	9.49	9.69	9.90	10.10	10.30	10.50	10.70	10.89	11.08	11.27	71	-8.28

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C	
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	
17424	17056	16705	16371	16054	15754	15463	15188	14931	14678	

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

25

**St.č.72 - St.č.76**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 299.576**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span Length	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Left Struct Number	Span Vertical Projection
Sag -5 C	Sag 0 C	Sag 5 C	Sag 10 C	Sag 15 C	Sag 20 C	Sag 25 C	Sag 30 C	Sag 35 C	Sag 40 C			
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
341.3	7.75	8.00	8.25	8.50	8.74	8.98	9.22	9.45	9.69	9.92	72	-9.16
349.2	8.12	8.38	8.64	8.90	9.15	9.41	9.66	9.90	10.15	10.39	73	-14.52
162.8	1.76	1.82	1.88	1.93	1.99	2.04	2.10	2.15	2.20	2.26	74	-9.94
200.4	2.67	2.76	2.84	2.93	3.01	3.09	3.18	3.26	3.34	3.42	75	-6.81

Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
18069	17506	16986	16491	16038	15603	15201	14825	14465	14132

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

26

**St.č.76 - St.č.81**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 313.55**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span Length	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Left Struct Number	Span Vertical Projection
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C			
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
353.4	8.39	8.64	8.89	9.13	9.37	9.61	9.85	10.09	10.32	10.55	76	12.23
347.7	8.12	8.35	8.59	8.83	9.07	9.30	9.53	9.76	9.98	10.20	77	-9.53
182.7	2.25	2.31	2.38	2.44	2.51	2.57	2.64	2.70	2.76	2.82	78	12.31
343.1	7.90	8.13	8.37	8.60	8.83	9.05	9.28	9.50	9.71	9.93	79	-0.08
190.3	2.44	2.51	2.58	2.65	2.72	2.79	2.86	2.93	3.00	3.06	80	-15.37

Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
17914	17402	16915	16462	16035	15638	15257	14906	14573	14256

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

27

**St.č.81 - St.č.89**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 346.534**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span Length	Mid Span Sag -5 C (m)	Mid Span Sag 0 C (m)	Mid Span Sag 5 C (m)	Mid Span Sag 10 C (m)	Mid Span Sag 15 C (m)	Mid Span Sag 20 C (m)	Mid Span Sag 25 C (m)	Mid Span Sag 30 C (m)	Mid Span Sag 35 C (m)	Mid Span Sag 40 C (m)	Left Struct Number	Span Vertical Projection (m)
289.4	5.72	5.86	6.00	6.14	6.28	6.41	6.55	6.68	6.81	6.95	81	-7.06
390.7	10.42	10.68	10.94	11.19	11.44	11.69	11.94	12.18	12.42	12.66	82	6.83
365.2	9.11	9.33	9.56	9.78	10.00	10.22	10.43	10.65	10.86	11.07	83	11.80
346.8	8.21	8.41	8.62	8.81	9.02	9.21	9.41	9.60	9.79	9.98	84	-2.16
380.4	9.88	10.13	10.37	10.61	10.85	11.09	11.32	11.55	11.78	12.01	85	7.14
362.1	8.95	9.17	9.39	9.61	9.83	10.04	10.25	10.46	10.67	10.87	86	-2.72
326.5	7.28	7.46	7.64	7.82	8.00	8.17	8.34	8.51	8.68	8.85	87	-15.65
184.5	2.32	2.38	2.44	2.49	2.55	2.61	2.66	2.71	2.77	2.82	88	-0.25

Horiz Tension -5 C (N)	Horiz Tension 0 C (N)	Horiz Tension 5 C (N)	Horiz Tension 10 C (N)	Horiz Tension 15 C (N)	Horiz Tension 20 C (N)	Horiz Tension 25 C (N)	Horiz Tension 30 C (N)	Horiz Tension 35 C (N)	Horiz Tension 40 C (N)
17617	17190	16788	16412	16044	15706	15381	15077	14781	14502

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

28

**St.č.89 - St.č.90**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 125.253**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag		
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
125.4	0.90	0.97	1.05	1.14	1.23	1.33	1.43	1.54	1.64	1.75	89	-6.06

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
21047	19466	18021	16644	15403	14263	13225	12323	11523	10808

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

29

**St.č.90 - St.č.91**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 190.71**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
191.1	2.23	2.36	2.50	2.63	2.77	2.92	3.06	3.21	3.35	3.49	90	-12.36

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
19751	18645	17624	16705	15854	15070	14363	13724	13136	12599

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

30

**St.č.91 - St.č.92**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 323.617**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
324.5	7.12	7.32	7.52	7.72	7.91	8.10	8.29	8.48	8.67	8.85	91	23.60

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
17818	17331	16879	16443	16041	15665	15306	14963	14638	14338

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

31

**St.č.92 - St.č.93**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 169.5**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag		
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
169.6	1.71	1.83	1.94	2.07	2.19	2.33	2.46	2.59	2.72	2.85	92	-5.03

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
20194	18936	17779	16707	15754	14869	14069	13353	12706	12126



**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

32

**St.č.93 - St.č.94**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 159.053**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
159.1	1.49	1.60	1.70	1.82	1.94	2.06	2.19	2.31	2.44	2.56	93	0.90

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
20399	19056	17848	16709	15671	14752	13900	13151	12470	11856

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

33

**St.č.94 - St.č.95**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 198.842**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag		
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
198.9	2.43	2.56	2.71	2.85	3.00	3.14	3.29	3.44	3.58	3.73	94	-4.81

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
19580	18542	17572	16687	15869	15128	14455	13842	13279	12759

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

34

**St.č.95 - St.č.96**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 160.693**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
160.9	1.53	1.64	1.75	1.86	1.98	2.11	2.23	2.36	2.49	2.62	95	7.62

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
20365	19039	17814	16708	15688	14768	13934	13185	12503	11890

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

35

**St.č.96 - St.č.97**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 181.882**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
181.9	2.00	2.12	2.25	2.38	2.52	2.65	2.79	2.93	3.07	3.20	96	-0.01

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
19921	18765	17693	16706	15804	14986	14254	13572	12967	12413

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

36

**St.č.97 - St.č.98**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 159.13**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag		
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
159.2	1.49	1.60	1.71	1.82	1.94	2.06	2.19	2.32	2.44	2.57	97	3.84

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
20399	19056	17831	16709	15671	14752	13900	13151	12470	11856

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

37

**St.č.98 - St.č.99**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 170.469**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
170.6	1.73	1.85	1.97	2.09	2.22	2.35	2.48	2.62	2.75	2.88	98	-5.37

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
20160	18919	17762	16707	15754	14869	14086	13370	12723	12143

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

38

**St.č.99 - St.č.100**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 173.635**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
173.6	1.80	1.92	2.04	2.17	2.30	2.43	2.56	2.70	2.83	2.96	99	-2.32

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
20092	18884	17745	16707	15771	14903	14136	13438	12799	12228

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

39

**St.č.100 - St.č.101**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 160.982**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
161.1	1.53	1.64	1.75	1.87	1.99	2.11	2.24	2.37	2.49	2.62	100	-5.23

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
20348	19039	17814	16708	15687	14768	13934	13185	12503	11907



**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

40

**St.č.101 - St.č.106**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 164.943**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span Length	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Left Struct Number	Span Vertical Projection
Sag -5 C	Sag 0 C	Sag 5 C	Sag 10 C	Sag 15 C	Sag 20 C	Sag 25 C	Sag 30 C	Sag 35 C	Sag 40 C			
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
173.6	1.79	1.91	2.04	2.17	2.31	2.45	2.59	2.74	2.88	3.02	101	-11.22
145.0	1.24	1.33	1.42	1.51	1.61	1.70	1.80	1.90	2.00	2.10	102	-1.32
144.7	1.24	1.32	1.41	1.50	1.60	1.70	1.80	1.90	2.00	2.10	103	-0.58
167.1	1.65	1.77	1.88	2.01	2.13	2.26	2.39	2.53	2.66	2.79	104	0.26
183.6	2.00	2.13	2.27	2.42	2.57	2.73	2.89	3.05	3.22	3.38	105	3.63

Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
20297	19004	17814	16725	15738	14819	14010	13269	12605	12008

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

41

**St.č.106 - St.č.107**
**Fázový vodič 243-A11/39-ST1A**
**Ruling span (m) 175.495**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
175.8	1.86	1.98	2.10	2.23	2.36	2.49	2.63	2.76	2.90	3.04	106	-11.19

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
20058	18850	17745	16707	15771	14936	14162	13472	12841	12261

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

42

**St.č.107 - St.č.108**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 169.403**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
169.4	1.71	1.82	1.94	2.06	2.19	2.32	2.45	2.58	2.72	2.85	107	2.41

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
20194	18936	17779	16707	15754	14869	14069	13354	12706	12126

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

43

**St.č.108 - St.č.109**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 183.057**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
183.2	2.03	2.15	2.28	2.42	2.55	2.69	2.83	2.97	3.11	3.25	108	6.23

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
19887	18748	17676	16689	15804	14986	14254	13589	12984	12430

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

44

**St.č.109 - St.č.113**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 183.243**

Sagging data: Catenary (m) 1664.69, Horiz. Tension (N) 16000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span Length	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Left Struct Number	Span Vertical Projection
Sag -5 C	Sag 0 C	Sag 5 C	Sag 10 C	Sag 15 C	Sag 20 C	Sag 25 C	Sag 30 C	Sag 35 C	Sag 40 C			
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
160.7	1.56	1.66	1.76	1.86	1.96	2.07	2.18	2.28	2.39	2.50	109	-4.33
173.1	1.81	1.92	2.04	2.16	2.28	2.40	2.53	2.65	2.77	2.90	110	-0.58
188.3	2.14	2.27	2.41	2.55	2.70	2.84	2.99	3.14	3.28	3.43	111	-1.05
202.7	2.48	2.64	2.79	2.96	3.12	3.29	3.46	3.63	3.80	3.97	112	-1.30

Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
19887	18731	17676	16689	15804	15003	14254	13589	12993	12438

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

45

**St.č.113 – Tr Prostějov**

**Fázový vodič 243-A11/39-ST1A**

**Ruling span (m) 38.2811**

Sagging data: Catenary (m) 520.216, Horiz. Tension (N) 5000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
38.9	0.32	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.73	113	-7.27

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
5792	4992	4387	3927	3559	3277	3042	2849	2685	2545

## 2) KOMBINOVANÉ ZEMNÍ LANO

**Tr Vyškov - St.č.1**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 91.3074**

Sagging data: Catenary (m) 645.439, Horiz. Tension (N) 3000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
92.3	1.67	1.74	1.82	1.89	1.96	2.03	2.09	2.16	2.22	2.28	Rz Vys	13.39

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
3000	2869	2753	2648	2553	2466	2388	2317	2250	2189

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

47

**St.č.1 - St.č.4**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 183.642**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span Length	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Mid Span	Left Struct Number	Span Vertical Projection
	Sag -5 C	Sag 0 C	Sag 5 C	Sag 10 C	Sag 15 C	Sag 20 C	Sag 25 C	Sag 30 C	Sag 35 C	Sag 40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
175.0	2.22	2.34	2.46	2.58	2.70	2.82	2.94	3.06	3.17	3.29	1	-0.32
173.7	2.19	2.31	2.42	2.54	2.66	2.78	2.89	3.01	3.13	3.24	2	-2.29
199.0	2.88	3.03	3.18	3.34	3.49	3.65	3.80	3.95	4.11	4.25	3	-4.86

Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C	
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	
8006	7596	7236	6900	6592	6313	6057	5822	5608	5413	



**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

48

**St.č.4 - St.č.5**
**Kombinované zemní lano 2S 2/24 (M112/R62-101)**
**Ruling span (m) 187.362**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
187.4	2.55	2.68	2.82	2.95	3.09	3.22	3.35	3.48	3.61	3.74	4	-5.30

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
8005	7612	7252	6924	6620	6349	6094	5867	5656	5462

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

49

**St.č.5 - St.č.9**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 234.744**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span Length	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Left Struct Number	Span Vertical Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
303.7	6.71	6.97	7.23	7.49	7.75	8.00	8.26	8.51	8.75	8.99	5	-13.91
210.7	3.22	3.35	3.48	3.60	3.72	3.85	3.97	4.09	4.20	4.32	6	0.83
182.2	2.42	2.51	2.60	2.70	2.79	2.88	2.97	3.06	3.15	3.24	7	11.70
145.0	1.53	1.59	1.65	1.70	1.76	1.82	1.88	1.94	1.99	2.05	8	3.85

Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
8002	7698	7423	7167	6928	6710	6503	6312	6138	5972

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

50

**St.č.9 - St.č.11**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 164.038**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
181.0	2.39	2.53	2.68	2.82	2.97	3.12	3.27	3.42	3.57	3.71	9	13.99
140.2	1.43	1.52	1.60	1.69	1.78	1.87	1.96	2.05	2.14	2.22	10	8.64

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C	
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	
8007	7549	7140	6763	6427	6115	5840	5589	5358	5147	

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

51

**St.č.11 - St.č.12**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 188.705**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
189.2	2.61	2.74	2.88	3.01	3.15	3.28	3.41	3.55	3.68	3.81	11	13.76

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
7997	7612	7252	6932	6628	6357	6110	5879	5668	5478

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

52

**St.č.12 - St.č.13**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 147.247**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
147.3	1.58	1.68	1.79	1.90	2.01	2.13	2.24	2.36	2.47	2.58	12	4.33

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
8008	7501	7052	6635	6266	5930	5626	5355	5112	4893

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

53

**St.č.13 - St.č.18**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 285.212**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span Length	Mid Span Sag -5 C (m)	Mid Span Sag 0 C (m)	Mid Span Sag 5 C (m)	Mid Span Sag 10 C (m)	Mid Span Sag 15 C (m)	Mid Span Sag 20 C (m)	Mid Span Sag 25 C (m)	Mid Span Sag 30 C (m)	Mid Span Sag 35 C (m)	Mid Span Sag 40 C (m)	Left Struct Number	Span Vertical Projection (m)
206.1	3.09	3.18	3.27	3.36	3.44	3.53	3.62	3.70	3.79	3.87	13	7.50
373.4	10.15	10.45	10.74	11.04	11.33	11.62	11.90	12.18	12.46	12.73	14	-18.13
202.5	2.99	3.08	3.17	3.26	3.34	3.43	3.51	3.59	3.68	3.76	15	-21.28
306.0	6.81	7.01	7.21	7.41	7.60	7.80	7.99	8.18	8.36	8.55	16	-13.01
173.0	2.18	2.24	2.30	2.37	2.43	2.49	2.55	2.61	2.67	2.73	17	-7.84

Horiz Tension -5 C (N)	Horiz Tension 0 C (N)	Horiz Tension 5 C (N)	Horiz Tension 10 C (N)	Horiz Tension 15 C (N)	Horiz Tension 20 C (N)	Horiz Tension 25 C (N)	Horiz Tension 30 C (N)	Horiz Tension 35 C (N)	Horiz Tension 40 C (N)
8002	7771	7560	7357	7171	6992	6826	6668	6520	6380

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

54

**St.č.18 - St.č.20**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 202.7**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
219.9	3.51	3.68	3.84	4.01	4.17	4.34	4.50	4.66	4.83	4.98	18	1.26
179.7	2.35	2.46	2.57	2.68	2.79	2.90	3.01	3.12	3.23	3.33	19	8.91

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C	
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	
7996	7644	7312	7012	6732	6477	6242	6028	5825	5643	

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

55

**St.č.20 - St.č.21**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 158.105**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
158.1	1.82	1.93	2.04	2.16	2.28	2.40	2.52	2.64	2.76	2.87	20	2.04

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
7999	7533	7108	6723	6371	6051	5767	5508	5273	5059



**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

56

**St.č.21 - St.č.24**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 325.004**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
329.8	7.91	8.10	8.28	8.47	8.66	8.84	9.02	9.20	9.38	9.55	21	0.10
371.8	10.06	10.30	10.53	10.78	11.01	11.24	11.47	11.70	11.92	12.14	22	-10.70
175.9	2.25	2.30	2.35	2.41	2.46	2.51	2.56	2.61	2.66	2.71	23	-1.18

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
7997	7811	7637	7466	7308	7158	7016	6879	6749	6627

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

57

**St.č.24 - St.č.26**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 149.024**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
146.8	1.57	1.67	1.77	1.88	1.99	2.10	2.22	2.33	2.44	2.54	24	2.21
151.3	1.67	1.77	1.89	2.00	2.12	2.24	2.36	2.48	2.59	2.71	25	-6.79

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C	
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	
7999	7509	7060	6651	6282	5950	5651	5383	5140	4922	

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

58

**St.č.26 - St.č.27**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 184.034**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
184.3	2.47	2.60	2.73	2.86	3.00	3.13	3.26	3.39	3.52	3.65	26	-9.38

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
8005	7605	7236	6900	6596	6317	6061	5826	5616	5417

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

59

**St.č.27 - St.č.29**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 338.165**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
341.4	8.47	8.66	8.85	9.04	9.22	9.41	9.59	9.77	9.95	10.12	27	1.30
334.9	8.15	8.33	8.52	8.70	8.87	9.05	9.22	9.40	9.57	9.74	28	-5.90

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C	
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	
8000	7826	7660	7501	7351	7205	7072	6942	6816	6699	

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

60

**St.č.29 - St.č.36**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 347.345**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span Length	Mid Span Sag -5 C (m)	Mid Span Sag 0 C (m)	Mid Span Sag 5 C (m)	Mid Span Sag 10 C (m)	Mid Span Sag 15 C (m)	Mid Span Sag 20 C (m)	Mid Span Sag 25 C (m)	Mid Span Sag 30 C (m)	Mid Span Sag 35 C (m)	Mid Span Sag 40 C (m)	Left Struct Number	Span Vertical Projection (m)
161.2	1.89	1.93	1.97	2.01	2.05	2.09	2.13	2.17	2.20	2.24	29	6.62
384.0	10.72	10.95	11.18	11.41	11.63	11.85	12.08	12.29	12.51	12.72	30	-0.67
382.3	10.63	10.85	11.08	11.30	11.53	11.75	11.97	12.18	12.40	12.61	31	3.06
350.3	8.92	9.11	9.30	9.49	9.68	9.86	10.05	10.23	10.41	10.58	32	3.71
376.1	10.29	10.51	10.73	10.94	11.16	11.37	11.58	11.79	12.00	12.21	33	-7.67
358.6	9.35	9.55	9.75	9.95	10.14	10.34	10.53	10.72	10.91	11.09	34	0.34
200.2	2.91	2.98	3.04	3.10	3.16	3.22	3.28	3.34	3.40	3.46	35	6.10

Horiz Tension -5 C (N)	Horiz Tension 0 C (N)	Horiz Tension 5 C (N)	Horiz Tension 10 C (N)	Horiz Tension 15 C (N)	Horiz Tension 20 C (N)	Horiz Tension 25 C (N)	Horiz Tension 30 C (N)	Horiz Tension 35 C (N)	Horiz Tension 40 C (N)
7999	7833	7671	7521	7375	7237	7105	6979	6860	6744

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

61

**St.č.36 - St.č.37**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 287.947**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
288.8	6.08	6.26	6.43	6.61	6.78	6.95	7.12	7.28	7.44	7.61	36	22.60

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
7997	7774	7564	7365	7179	7004	6838	6684	6538	6396

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

62

**St.č.37 - St.č.41**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 347.901**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C			
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
282.9	5.82	5.95	6.07	6.19	6.32	6.44	6.55	6.67	6.79	6.90	37	12.23
365.5	9.71	9.92	10.13	10.33	10.53	10.74	10.94	11.13	11.33	11.52	38	2.40
361.4	9.51	9.71	9.91	10.11	10.31	10.51	10.70	10.90	11.09	11.27	39	-15.95
363.4	9.63	9.84	10.04	10.25	10.45	10.65	10.84	11.04	11.23	11.42	40	-30.39

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
7999	7833	7673	7521	7377	7239	7107	6981	6862	6748

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

63

**St.č.41 - St.č.49**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 342.126**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span Length	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Left Struct Number	Span Vertical Projection
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C			
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
190.9	2.65	2.71	2.77	2.82	2.88	2.94	2.99	3.05	3.10	3.16	41	11.17
149.2	1.62	1.66	1.69	1.73	1.76	1.80	1.83	1.87	1.90	1.93	42	12.18
376.8	10.32	10.55	10.78	11.00	11.22	11.44	11.66	11.87	12.08	12.30	43	-8.26
343.6	8.58	8.77	8.96	9.14	9.33	9.51	9.69	9.87	10.05	10.22	44	-4.97
376.8	10.32	10.55	10.77	11.00	11.22	11.44	11.66	11.87	12.08	12.29	45	2.16
343.0	8.55	8.74	8.93	9.11	9.30	9.48	9.66	9.84	10.01	10.19	46	3.31
369.1	9.91	10.12	10.34	10.56	10.77	10.98	11.19	11.39	11.60	11.80	47	6.47
355.4	9.18	9.38	9.59	9.78	9.98	10.17	10.37	10.56	10.75	10.94	48	-2.29

Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
8000	7829	7663	7509	7361	7221	7085	6958	6836	6718



**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

64

**St.č.49 - St.č.51**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 310.481**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
358.9	9.38	9.63	9.87	10.10	10.34	10.57	10.80	11.03	11.25	11.48	49	24.66
167.0	2.02	2.08	2.13	2.18	2.23	2.28	2.33	2.38	2.43	2.48	50	0.37

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C	
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	
8003	7800	7610	7432	7261	7103	6953	6807	6674	6544	

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

65

**St.č.51 - St.č.58**
**Kombinované zemní lano 2S 2/24 (M112/R62-101)**
**Ruling span (m) 320.842**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span Length	Mid Span Sag -5 C (m)	Mid Span Sag 0 C (m)	Mid Span Sag 5 C (m)	Mid Span Sag 10 C (m)	Mid Span Sag 15 C (m)	Mid Span Sag 20 C (m)	Mid Span Sag 25 C (m)	Mid Span Sag 30 C (m)	Mid Span Sag 35 C (m)	Mid Span Sag 40 C (m)	Left Struct Number	Span Vertical Projection (m)
143.4	1.50	1.53	1.57	1.60	1.64	1.68	1.71	1.75	1.78	1.81	51	-6.88
373.9	10.18	10.43	10.67	10.91	11.16	11.40	11.64	11.87	12.10	12.33	52	-19.47
352.0	9.01	9.23	9.45	9.67	9.88	10.09	10.30	10.51	10.72	10.92	53	7.77
128.4	1.21	1.24	1.27	1.30	1.33	1.36	1.39	1.41	1.44	1.47	54	20.75
349.8	8.90	9.11	9.33	9.54	9.75	9.96	10.17	10.38	10.58	10.78	55	-0.31
354.5	9.14	9.36	9.58	9.80	10.02	10.24	10.45	10.66	10.87	11.08	56	-11.29
194.5	2.75	2.82	2.88	2.95	3.02	3.08	3.15	3.21	3.27	3.33	57	-7.61

Horiz Tension -5 C (N)	Horiz Tension 0 C (N)	Horiz Tension 5 C (N)	Horiz Tension 10 C (N)	Horiz Tension 15 C (N)	Horiz Tension 20 C (N)	Horiz Tension 25 C (N)	Horiz Tension 30 C (N)	Horiz Tension 35 C (N)	Horiz Tension 40 C (N)
7998	7807	7629	7459	7297	7143	6997	6859	6729	6603

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

66

**St.č.58 - St.č.61**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 269.972**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
186.6	2.53	2.61	2.69	2.77	2.85	2.93	3.01	3.08	3.16	3.23	58	5.50
339.7	8.39	8.65	8.92	9.18	9.44	9.70	9.96	10.21	10.46	10.71	59	0.75
181.2	2.39	2.47	2.55	2.62	2.69	2.77	2.84	2.91	2.98	3.06	60	-15.51

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
7999	7756	7525	7310	7107	6917	6739	6573	6419	6269

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

67

**St.č.61 - St.č.66**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 302.863**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
196.4	2.81	2.88	2.96	3.03	3.10	3.18	3.25	3.32	3.39	3.46	61	-9.52
369.0	9.90	10.16	10.43	10.69	10.94	11.20	11.45	11.71	11.95	12.20	62	4.17
133.7	1.31	1.35	1.38	1.41	1.45	1.48	1.52	1.55	1.58	1.61	63	18.28
312.2	7.08	7.27	7.46	7.65	7.83	8.02	8.19	8.38	8.55	8.73	64	3.80
314.7	7.20	7.39	7.58	7.77	7.96	8.14	8.33	8.51	8.69	8.87	65	3.47

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
8000	7793	7594	7412	7238	7072	6918	6768	6630	6496

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

68

**St.č.66 - St.č.70**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 299.04**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span Length	Mid Span Sag -5 C (m)	Mid Span Sag 0 C (m)	Mid Span Sag 5 C (m)	Mid Span Sag 10 C (m)	Mid Span Sag 15 C (m)	Mid Span Sag 20 C (m)	Mid Span Sag 25 C (m)	Mid Span Sag 30 C (m)	Mid Span Sag 35 C (m)	Mid Span Sag 40 C (m)	Left Struct Number	Span Vertical Projection (m)
177.5	2.29	2.35	2.41	2.48	2.54	2.60	2.66	2.72	2.77	2.83	66	0.15
298.9	6.50	6.68	6.85	7.03	7.20	7.38	7.54	7.71	7.87	8.04	67	12.69
378.8	10.43	10.72	11.00	11.28	11.56	11.84	12.10	12.37	12.64	12.90	68	4.42
191.3	2.66	2.73	2.80	2.88	2.95	3.02	3.08	3.15	3.22	3.29	69	-5.12

Horiz Tension -5 C (N)	Horiz Tension 0 C (N)	Horiz Tension 5 C (N)	Horiz Tension 10 C (N)	Horiz Tension 15 C (N)	Horiz Tension 20 C (N)	Horiz Tension 25 C (N)	Horiz Tension 30 C (N)	Horiz Tension 35 C (N)	Horiz Tension 40 C (N)
8000	7785	7587	7396	7222	7052	6896	6746	6606	6470

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

69

**St.č.70 - St.č.72**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 373.208**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
376.2	10.29	10.49	10.69	10.88	11.07	11.26	11.45	11.64	11.82	12.00	70	13.40
370.5	9.98	10.17	10.36	10.55	10.73	10.92	11.10	11.28	11.46	11.64	71	-9.53

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C	
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	
8002	7850	7708	7570	7440	7315	7195	7079	6970	6864	

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

70

**St.č.72 - St.č.76**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 299.465**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span Length	Mid Span Sag -5 C	Mid Span Sag 0 C	Mid Span Sag 5 C	Mid Span Sag 10 C	Mid Span Sag 15 C	Mid Span Sag 20 C	Mid Span Sag 25 C	Mid Span Sag 30 C	Mid Span Sag 35 C	Mid Span Sag 40 C	Left Struct Number	Span Vertical Projection
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
341.1	8.46	8.69	8.92	9.14	9.37	9.59	9.81	10.03	10.25	10.46	72	-7.91
349.2	8.87	9.12	9.35	9.59	9.83	10.06	10.29	10.52	10.75	10.97	73	-14.52
162.8	1.93	1.98	2.03	2.08	2.14	2.19	2.24	2.29	2.33	2.38	74	-9.54
200.4	2.92	3.00	3.08	3.16	3.23	3.31	3.39	3.46	3.54	3.61	75	-8.46

Horiz Tension -5 C	Horiz Tension 0 C	Horiz Tension 5 C	Horiz Tension 10 C	Horiz Tension 15 C	Horiz Tension 20 C	Horiz Tension 25 C	Horiz Tension 30 C	Horiz Tension 35 C	Horiz Tension 40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
8000	7785	7587	7400	7222	7056	6898	6748	6606	6472

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

71

**St.č.76 - St.č.81**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 313.529**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span Length	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Mid Span Sag	Left Struct Number	Span Vertical Projection
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C			
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
353.4	9.09	9.32	9.55	9.77	10.00	10.22	10.44	10.66	10.87	11.08	76	13.48
347.7	8.79	9.01	9.23	9.45	9.67	9.88	10.10	10.31	10.51	10.72	77	-9.53
182.7	2.43	2.49	2.55	2.61	2.67	2.73	2.79	2.85	2.91	2.96	78	12.31
343.1	8.56	8.77	8.99	9.20	9.41	9.62	9.83	10.03	10.23	10.43	79	-0.08
190.8	2.66	2.72	2.79	2.86	2.92	2.99	3.05	3.11	3.18	3.24	80	-16.62

Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension	Horiz Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
7999	7804	7616	7439	7273	7115	6965	6823	6689	6562



**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

72

**St.č.81 - St.č.89**
**Kombinované zemní lano 2S 2/24 (M112/R62-101)**
**Ruling span (m) 346.577**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span Length	Mid Span Sag -5 C (m)	Mid Span Sag 0 C (m)	Mid Span Sag 5 C (m)	Mid Span Sag 10 C (m)	Mid Span Sag 15 C (m)	Mid Span Sag 20 C (m)	Mid Span Sag 25 C (m)	Mid Span Sag 30 C (m)	Mid Span Sag 35 C (m)	Mid Span Sag 40 C (m)	Left Struct Number	Span Vertical Projection (m)
289.9	6.11	6.24	6.37	6.50	6.63	6.76	6.88	7.01	7.13	7.25	81	-5.81
390.7	11.10	11.34	11.58	11.81	12.04	12.28	12.50	12.73	12.96	13.17	82	6.83
365.2	9.70	9.91	10.12	10.33	10.53	10.73	10.93	11.13	11.32	11.51	83	11.80
346.8	8.74	8.93	9.12	9.31	9.49	9.67	9.85	10.03	10.21	10.38	84	-2.16
380.4	10.52	10.75	10.98	11.20	11.42	11.64	11.86	12.07	12.28	12.49	85	7.14
362.1	9.53	9.73	9.94	10.14	10.34	10.54	10.74	10.93	11.12	11.31	86	-2.72
326.5	7.75	7.92	8.09	8.25	8.42	8.58	8.74	8.89	9.05	9.20	87	-15.25
184.5	2.47	2.53	2.58	2.63	2.68	2.74	2.79	2.84	2.89	2.94	88	-1.90

Horiz Tension -5 C (N)	Horiz Tension 0 C (N)	Horiz Tension 5 C (N)	Horiz Tension 10 C (N)	Horiz Tension 15 C (N)	Horiz Tension 20 C (N)	Horiz Tension 25 C (N)	Horiz Tension 30 C (N)	Horiz Tension 35 C (N)	Horiz Tension 40 C (N)
8001	7833	7671	7517	7373	7233	7103	6977	6856	6742

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

73

**St.č.89 - St.č.90**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 122.229**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
122.9	1.10	1.19	1.28	1.38	1.48	1.58	1.68	1.78	1.88	1.98	89	-12.91

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
8001	7413	6883	6409	5976	5591	5255	4951	4684	4449

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

74

**St.č.90 - St.č.91**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 188.237**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
188.6	2.59	2.72	2.86	2.99	3.13	3.26	3.40	3.53	3.66	3.79	90	-12.36

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
7997	7612	7252	6924	6628	6357	6102	5875	5664	5470

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

75

**St.č.91 - St.č.92**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 323.617**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
324.5	7.67	7.86	8.04	8.23	8.40	8.58	8.76	8.93	9.10	9.28	91	23.60

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
7998	7811	7633	7463	7304	7154	7008	6873	6743	6619

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

76

**St.č.92 - St.č.93**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 169.5**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
169.6	2.09	2.21	2.33	2.46	2.58	2.71	2.83	2.96	3.08	3.20	92	-5.03

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
8006	7565	7164	6804	6475	6176	5900	5653	5431	5224

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

77

**St.č.93 - St.č.94**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 159.053**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
159.1	1.84	1.95	2.07	2.18	2.30	2.42	2.54	2.66	2.78	2.90	93	0.90

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
7999	7541	7116	6731	6379	6067	5780	5520	5285	5075

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

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**St.č.94 - St.č.95**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 198.842**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
198.9	2.87	3.01	3.15	3.29	3.43	3.57	3.71	3.84	3.98	4.11	94	-4.81

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
8005	7636	7300	6988	6704	6445	6206	5987	5785	5598

**Tabulky průhybů a namáhání – počáteční stav**

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**St.č.95 - St.č.96**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 160.693**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
160.9	1.88	2.00	2.11	2.23	2.35	2.48	2.60	2.72	2.84	2.95	95	7.62

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
7999	7541	7124	6739	6395	6083	5800	5540	5310	5099



**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

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Strana

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**St.č.96 - St.č.97**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 181.882**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
181.9	2.40	2.53	2.66	2.79	2.92	3.05	3.18	3.31	3.44	3.57	96	-0.01

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
8006	7597	7228	6884	6580	6296	6037	5802	5588	5389

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

Strana

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**St.č.97 - St.č.98**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 159.13**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
159.2	1.84	1.95	2.07	2.19	2.31	2.43	2.55	2.67	2.78	2.90	97	3.84

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
7999	7541	7116	6731	6379	6067	5780	5524	5289	5075

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

**SPIE-52-8-00054**

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**St.č.98 - St.č.99**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 170.469**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
170.6	2.11	2.24	2.36	2.48	2.61	2.73	2.86	2.98	3.11	3.23	98	-5.37

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
7998	7565	7172	6812	6484	6188	5916	5669	5443	5240

**Tabulky průhybů a namáhání – počáteční stav**

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**St.č.99 - St.č.100**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 173.635**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
173.6	2.19	2.31	2.44	2.56	2.69	2.82	2.95	3.07	3.19	3.32	99	-2.32

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
7998	7581	7188	6836	6508	6216	5949	5706	5487	5280

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

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Strana

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**St.č.100 - St.č.101**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 160.982**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
161.1	1.88	2.00	2.12	2.24	2.36	2.48	2.60	2.72	2.84	2.96	100	-5.23

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
8007	7541	7124	6743	6395	6083	5804	5549	5314	5103

**Tabulky průhybů a namáhání – počáteční stav**

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**St.č.101 - St.č.102**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 173.565**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
173.6	2.19	2.31	2.44	2.56	2.69	2.82	2.95	3.07	3.20	3.32	101	-4.37

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
7998	7581	7188	6836	6508	6216	5949	5706	5483	5280

**Tabulky průhybů a namáhání – počáteční stav**

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**SPIE-52-8-00054**

Strana

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**St.č.102 - St.č.106**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 162.24**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C			
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
145.0	1.53	1.62	1.71	1.81	1.91	2.00	2.10	2.20	2.29	2.39	102	0.33
144.7	1.52	1.61	1.71	1.80	1.90	2.00	2.09	2.19	2.28	2.38	103	-0.58
167.1	2.03	2.15	2.27	2.40	2.53	2.66	2.79	2.92	3.04	3.17	104	0.26
182.6	2.42	2.57	2.72	2.87	3.02	3.18	3.33	3.48	3.63	3.78	105	1.98

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
8007	7549	7132	6755	6411	6099	5820	5565	5334	5123

**Tabulky průhybů a namáhání – počáteční stav**

Archivní číslo

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Strana

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**St.č.106 - St.č.107**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 173.862**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
174.8	2.23	2.35	2.48	2.61	2.74	2.87	3.00	3.13	3.25	3.38	106	-18.04

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C	
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	
8006	7581	7188	6836	6512	6220	5953	5710	5487	5284	



**Tabulky průhybů a namáhání – počáteční stav**

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**St.č.107 - St.č.108**
**Kombinované zemní lano 2S 2/24 (M112/R62-101)**
**Ruling span (m) 169.403**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
169.4	2.08	2.21	2.33	2.45	2.58	2.70	2.83	2.95	3.07	3.19	107	2.41

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
8006	7565	7164	6804	6475	6172	5900	5653	5431	5224

**Tabulky průhybů a namáhání – počáteční stav**

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Strana

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**St.č.108 - St.č.109**
**Kombinované zemní lano 2S 2/24 (M112/R62-101)**
**Ruling span (m) 182.67**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
183.1	2.44	2.57	2.70	2.84	2.97	3.10	3.23	3.36	3.49	3.62	108	13.08

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
8006	7597	7228	6892	6584	6300	6045	5814	5600	5401

**Tabulky průhybů a namáhání – počáteční stav**

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**St.č.109 - St.č.113**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 183.512**

Sagging data: Catenary (m) 1721.17, Horiz. Tension (N) 8000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C			
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
160.7	1.88	1.98	2.07	2.18	2.28	2.38	2.48	2.58	2.68	2.77	109	-2.68
173.1	2.18	2.29	2.41	2.52	2.64	2.76	2.88	2.99	3.11	3.22	110	-0.58
188.3	2.58	2.71	2.85	2.99	3.13	3.27	3.40	3.54	3.68	3.81	111	-1.05
203.5	3.01	3.17	3.33	3.49	3.65	3.82	3.98	4.13	4.29	4.45	112	-2.45

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
7997	7596	7236	6900	6588	6308	6053	5822	5608	5413

**Tabulky průhybů a namáhání – počáteční stav**

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**St.č.113 – Tr Prostějov**

**Kombinované zemní lano 2S 2/24 (M112/R62-101)**

**Ruling span (m) 37.9964**

Sagging data: Catenary (m) 645.439, Horiz. Tension (N) 3000 Condition C Temperature (deg C) -5

Results below for condition 'Initial RS'

Calculations done using actual span lengths and vertical projections

Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C		
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		(m)
40.3	0.33	0.39	0.44	0.49	0.55	0.60	0.65	0.69	0.74	0.78	113	-14.12

Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
2997	2588	2265	2018	1824	1670	1544	1443	1356	1284