



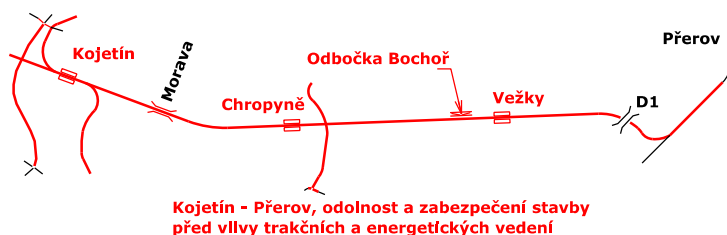
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Evropskou unií



Jiná ověření:

Paré:

Orientační schéma:




Razítko oprávněné osoby:


Podpis:

Datum:

Revize:	Datum:	Popis:	Kontroloval:
000	27.09.2024	Dokumentace PDPS	Ing. Jiří Malina

Stavebník/Investor:	Správa železnic, státní organizace		SPRÁVA ŽELEZNIC
Adresa:	Dlážděná 1003/7, 110 00 Praha 1		
Zástupce investora:	Stavební správa východ		
Adresa:	Nerudova 773/1, 779 00 Olomouc		

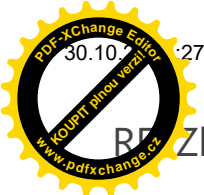
Zhotovitel díla:	Společnost Koj-Pře		
Adresa:	MORAVIA CONSULT Olomouc a.s.	SAGASTA s.r.o.	EXprojekt s.r.o.
Kontakt:	Legionářská 1085/8 779 00 Olomouc T: +420 585570444 E: moravia@moravia.cz	Novodvorská 1010/14 142 00 Praha 4-Lhotka T: +420 261344100 E: info@sagasta.cz	Heršpická 758/13 Štýřice, 619 00 Brno T: +420 533312000 E: info@exprojekt.cz

Zhotovitel části/objektu:	MORAVIA CONSULT Olomouc a.s.	
Adresa:	Legionářská 1085/8, 779 00 Olomouc	
Kontakt:	T: +420 585 570 444 E: moravia@moravia.cz	

Hlavní projektant (HIP):	Ing. Jiří Malina	Specialista: Ing. Pavel Gajdečka
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Název stavby/akce:	Modernizace trati Brno-Přerov, 5. stavba Kojetín Přerov	Označení investora: S621500937
Název části:	Souhrnná technická zpráva - samostatné přílohy	Zakázka: 23-020-232-SR
Název objektu/dílčí části:	Odolnost a zabezpečení stavby před vlivy trakčních a energetických vedení	Označení části: B.2.11
Název přílohy:	Zkratové proudy VN AC trakce a SS trakce	Označení objektu/komplexu: -
Název dílčí části přílohy:	-	Číslo přílohy (typ/pořadí): 1. 104
Odpovědný projektant:	Zpracovatel přílohy: Ing. Milan Oharek	Měřítka: - Formáty: A4
Kraj:	Katastrální území: dle příloh	TUDU: 2101 Brno-hl.n. - Přerov
Stupeň dokumentace:		PDPS
Smluvní datum zpracování:		27.9.2024

Označení investora:	Stupeň dokumentace:	Část:	Objekt:	Podoblast:	Příloha:	Revize:
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RE: Zkratové proudy, Brno-Přerov. 5.stavba, úsek Kojetín-Přerov

CB

Cabal Jan, Bc. <cabal@exprojekt.cz>

30.10.2024 9:40

Komu: 'Oharek Milan Ing.' <oharek@moravia.cz>

3 přílohy

[STÁHNOUT VŠE](#)

průběh zkratu_AC.x...
1.7 MB

průběh zkratu_DC_...
1.6 MB

průběh zkratu_DC_...
1.6 MB



Dobrý den,

pane inženýre zasílám dlouho slibované průběhy zkratových proudů na předmětnou 5. stavbu.

Trakci AC 25kV jsem simuloval pro zkrat pouze ve směru Nezamyslice – Přerov. Předpokládám, že průběhy (hodnoty) by byly v obou směrech podobné. Jak jsem včera naznačoval, průběh není ideální, jelikož model od F. Kováče začíná v žst. Nezamyslice, TNS je zapojena po cca 1 km a pak proud klesá do místa styku AC/DC, kde je již nulová hodnota v průjezdu neutrálním polem. Vykreslen cca jen 20 km úsek.

Trakci DC 3kV jsem simuloval v obou směrech, aby hlavně ve směru od Nezamyslic (s přihlédnutím na polohu neutrálního pole před Přerovem), bylo vidět lepší ustálení zkrat. proudu. F. Kováč má nastavené odjezdy vlaků již z Přerova přednádraží a příjezdy vlaků do Přerova jezdí až do osobního nádraží (km cca 90+000).

Mám ještě v plánu přesimulaci bez neutrálního pole u Přerova, aby tam nebyl pád na 0 kA kolem km 86+500. Zde je totiž i místo připojení TNS Říkovice. **NP je pouze výhledové pro související stavbu Konverze na AC 25kV.**

V kartě **SELECTION** a ve sloupcích L, M, N jsou uvedeny konkrétní hodnoty zkratového proudu na poloze vlaku.

Určitě se v případě dotazů ozvěte, případně bych Vám zaslal přesné km polohy zmiňovaných úseků (viz předchozí mail) v grafu.

S pozdravem

Bc. Jan Cabal

Trakční vedení



EXprojekt s.r.o. | Heršpická 758/13, 619 00 Brno

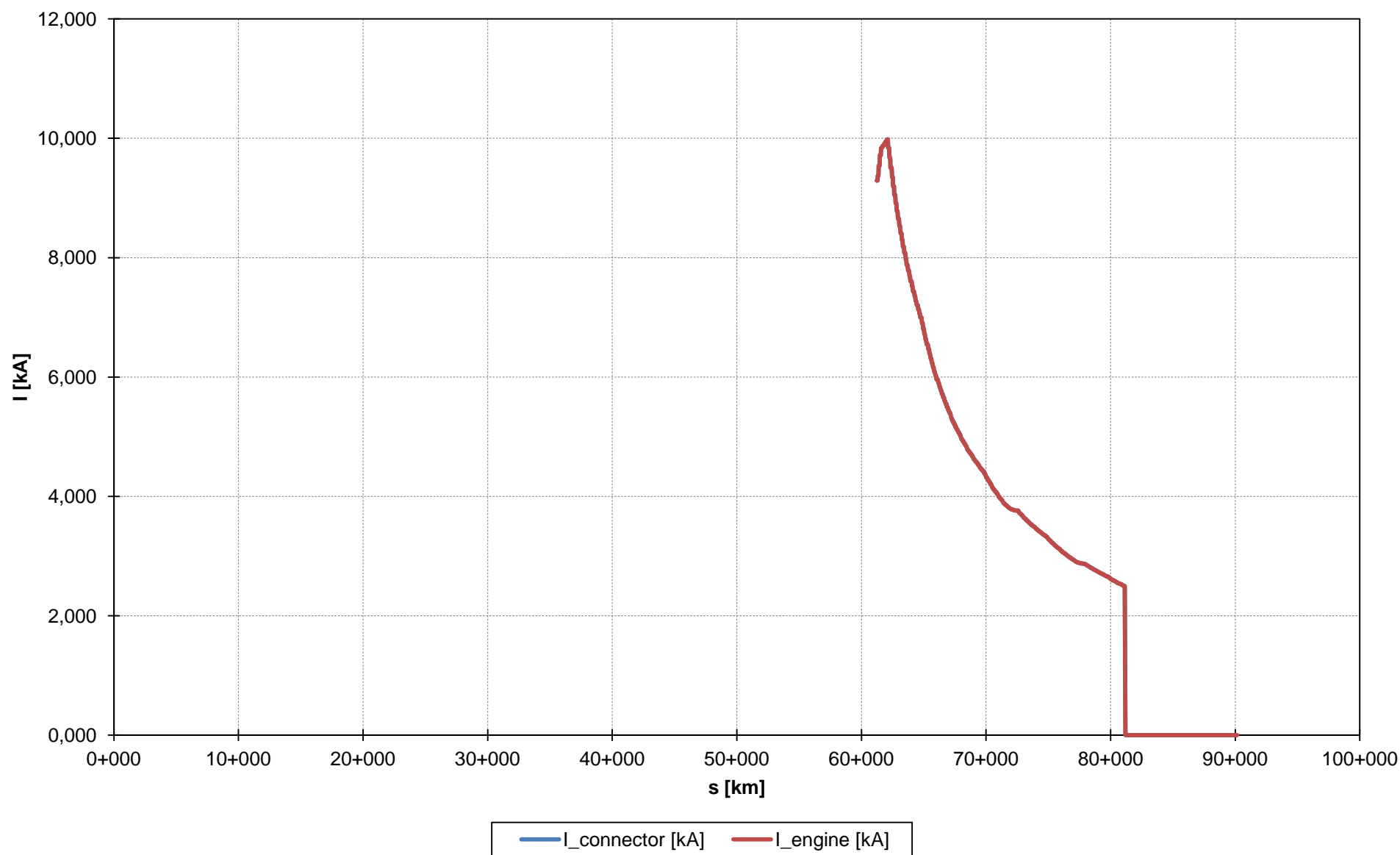
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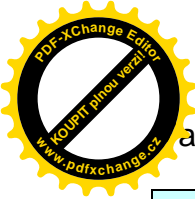
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Průběh zkratového proudu trakce AC 25kV, Nezamyslice - Přerov

$$I = f(s)$$

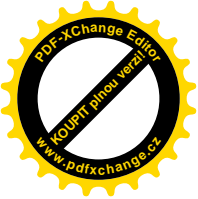




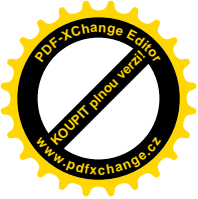
abulky zkratového proudu trakce AC 25kV, Nezamyslice - Přerov

	1	Simulation Duration	00 00:00:43
Simulation	001 2024-10-09 09:52:57 2023_045stavbaKojetin-Prerov short circuit	Time Step [s]	1,0
	1		
Network	Prerovka_AC		
	1		
Substation	TNS Nezamyslice		
	1		
Busbar	ocs1		
	1634		
Feeder to	Line: Line_A; Track: TK2; km: 61,6; condName: F_r_PRE		
	All		
Line	All		
	1		
Course	Ex_Ex1_Nezamyslice_Prerov.3		
	All		
Values	All		

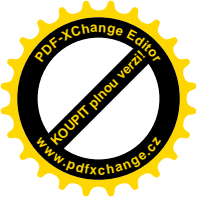
B	B	B	B	D		D		D		B	B	D	D
				I_connector		I_engine							
t [s]	lineID	trackID	s [km]	I_real [A]	I_imag [A]	I_real [A]	I_imag [A]	Failed?		time	s [km]	I_connector [k	I_engine [kA]
	29161 Line_A	SK4_Nez	61,233	1074,101	-9228,190	1074,101	-9228,190	N		00 08:06:01	61+233	9,290	9,290
	29162 Line_A	SK4_Nez	61,251	1074,101	-9228,190	1074,101	-9228,190	N		00 08:06:02	61+251	9,290	9,290
	29163 Line_A	SK4_Nez	61,269	1074,101	-9228,190	1074,101	-9228,190	N		00 08:06:03	61+269	9,290	9,290
	29164 Line_A	SK4_Nez	61,287	1074,101	-9228,190	1074,101	-9228,190	N		00 08:06:04	61+287	9,290	9,290
	29165 Line_A	SK4_Nez	61,305	1046,856	-9312,067	1046,856	-9312,067	N		00 08:06:05	61+305	9,371	9,371
	29166 Line_A	SK4_Nez	61,323	1046,856	-9312,067	1046,856	-9312,067	N		00 08:06:06	61+323	9,371	9,371
	29167 Line_A	TK2	61,341	1041,387	-9319,037	1041,387	-9319,037	N		00 08:06:07	61+341	9,377	9,377
	29168 Line_A	TK2	61,359	1041,387	-9319,037	1041,387	-9319,037	N		00 08:06:08	61+359	9,377	9,377
	29169 Line_A	TK2	61,377	1041,387	-9319,037	1041,387	-9319,037	N		00 08:06:09	61+377	9,377	9,377
	29170 Line_A	TK2	61,396	983,943	-9491,233	983,943	-9491,233	N		00 08:06:10	61+396	9,542	9,542
	29171 Line_A	TK2	61,414	983,943	-9491,233	983,943	-9491,233	N		00 08:06:11	61+414	9,542	9,542
	29172 Line_A	TK2	61,432	983,943	-9491,233	983,943	-9491,233	N		00 08:06:12	61+432	9,542	9,542
	29173 Line_A	TK2	61,450	983,943	-9491,233	983,943	-9491,233	N		00 08:06:13	61+450	9,542	9,542
	29174 Line_A	TK2	61,468	983,943	-9491,233	983,943	-9491,233	N		00 08:06:14	61+468	9,542	9,542
	29175 Line_A	TK2	61,486	919,268	-9672,404	919,268	-9672,404	N		00 08:06:15	61+486	9,716	9,716
	29176 Line_A	TK2	61,504	919,268	-9672,404	919,268	-9672,404	N		00 08:06:16	61+504	9,716	9,716
	29177 Line_A	TK2	61,522	919,268	-9672,404	919,268	-9672,404	N		00 08:06:17	61+522	9,716	9,716
	29178 Line_A	TK2	61,540	919,268	-9672,404	919,268	-9672,404	N		00 08:06:18	61+540	9,716	9,716
	29179 Line_A	TK2	61,558	919,268	-9672,404	919,268	-9672,404	N		00 08:06:19	61+558	9,716	9,716
	29180 Line_A	TK2	61,577	871,572	-9797,914	871,572	-9797,914	N		00 08:06:20	61+577	9,837	9,837
	29181 Line_A	TK2	61,596	871,572	-9797,914	871,572	-9797,914	N		00 08:06:21	61+596	9,837	9,837
	29182 Line_A	TK2	61,615	871,572	-9797,914	871,572	-9797,914	N		00 08:06:22	61+615	9,837	9,837
	29183 Line_A	TK2	61,634	864,969	-9807,307	864,969	-9807,307	N		00 08:06:23	61+634	9,845	9,845
	29184 Line_A	TK2	61,654	864,969	-9807,307	864,969	-9807,307	N		00 08:06:24	61+654	9,845	9,845
	29185 Line_A	TK2	61,674	864,969	-9807,307	864,969	-9807,307	N		00 08:06:25	61+674	9,845	9,845



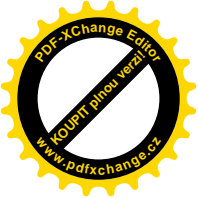
29186 Line_A	TK2	61,695	844,278	-9834,266	844,278	-9834,266 N	00 08:06:26	61+695	9,870	9,870
29187 Line_A	TK2	61,716	844,278	-9834,266	844,278	-9834,266 N	00 08:06:27	61+716	9,870	9,870
29188 Line_A	TK2	61,737	844,278	-9834,266	844,278	-9834,266 N	00 08:06:28	61+737	9,870	9,870
29189 Line_A	TK2	61,758	834,421	-9847,278	834,421	-9847,278 N	00 08:06:29	61+758	9,883	9,883
29190 Line_A	TK2	61,780	834,421	-9847,278	834,421	-9847,278 N	00 08:06:30	61+780	9,883	9,883
29191 Line_A	TK2	61,802	834,421	-9847,278	834,421	-9847,278 N	00 08:06:31	61+802	9,883	9,883
29192 Line_A	TK2	61,825	834,421	-9847,278	834,421	-9847,278 N	00 08:06:32	61+825	9,883	9,883
29193 Line_A	TK2	61,848	811,722	-9877,799	811,722	-9877,799 N	00 08:06:33	61+848	9,911	9,911
29194 Line_A	TK2	61,871	811,722	-9877,799	811,722	-9877,799 N	00 08:06:34	61+871	9,911	9,911
29195 Line_A	TK2	61,894	811,722	-9877,799	811,722	-9877,799 N	00 08:06:35	61+894	9,911	9,911
29196 Line_A	TK2	61,918	811,722	-9877,799	811,722	-9877,799 N	00 08:06:36	61+918	9,911	9,911
29197 Line_A	TK2	61,942	788,102	-9909,645	788,102	-9909,645 N	00 08:06:37	61+942	9,941	9,941
29198 Line_A	TK2	61,966	788,102	-9909,645	788,102	-9909,645 N	00 08:06:38	61+966	9,941	9,941
29199 Line_A	TK2	61,991	788,102	-9909,645	788,102	-9909,645 N	00 08:06:39	61+991	9,941	9,941
29200 Line_A	TK2	62,016	788,102	-9909,645	788,102	-9909,645 N	00 08:06:40	62+016	9,941	9,941
29201 Line_A	TK2	62,041	762,721	-9942,817	762,721	-9942,817 N	00 08:06:41	62+041	9,972	9,972
29202 Line_A	TK2	62,066	762,721	-9942,817	762,721	-9942,817 N	00 08:06:42	62+066	9,972	9,972
29203 Line_A	TK2	62,092	755,401	-9954,029	755,401	-9954,029 N	00 08:06:43	62+092	9,983	9,983
29204 Line_A	TK2	62,118	755,401	-9954,029	755,401	-9954,029 N	00 08:06:44	62+118	9,983	9,983
29205 Line_A	TK2	62,145	816,222	-9805,642	816,222	-9805,642 N	00 08:06:45	62+145	9,840	9,840
29206 Line_A	TK2	62,171	816,222	-9805,642	816,222	-9805,642 N	00 08:06:46	62+171	9,840	9,840
29207 Line_A	TK2	62,198	816,222	-9805,642	816,222	-9805,642 N	00 08:06:47	62+198	9,840	9,840
29208 Line_A	TK2	62,226	816,222	-9805,642	816,222	-9805,642 N	00 08:06:48	62+226	9,840	9,840
29209 Line_A	TK2	62,253	884,039	-9628,673	884,039	-9628,673 N	00 08:06:49	62+253	9,669	9,669
29210 Line_A	TK2	62,281	884,039	-9628,673	884,039	-9628,673 N	00 08:06:50	62+281	9,669	9,669
29211 Line_A	TK2	62,310	884,039	-9628,673	884,039	-9628,673 N	00 08:06:51	62+310	9,669	9,669
29212 Line_A	TK2	62,338	945,971	-9458,317	945,971	-9458,317 N	00 08:06:52	62+338	9,506	9,506
29213 Line_A	TK2	62,367	945,971	-9458,317	945,971	-9458,317 N	00 08:06:53	62+367	9,506	9,506
29214 Line_A	TK2	62,396	945,971	-9458,317	945,971	-9458,317 N	00 08:06:54	62+396	9,506	9,506
29215 Line_A	TK2	62,426	945,971	-9458,317	945,971	-9458,317 N	00 08:06:55	62+426	9,506	9,506
29216 Line_A	TK2	62,455	1002,447	-9294,586	1002,447	-9294,586 N	00 08:06:56	62+455	9,348	9,348
29217 Line_A	TK2	62,486	1002,447	-9294,586	1002,447	-9294,586 N	00 08:06:57	62+486	9,348	9,348
29218 Line_A	TK2	62,516	1002,447	-9294,586	1002,447	-9294,586 N	00 08:06:58	62+516	9,348	9,348
29219 Line_A	TK2	62,547	1053,959	-9137,199	1053,959	-9137,199 N	00 08:06:59	62+547	9,198	9,198
29220 Line_A	TK2	62,578	1053,959	-9137,199	1053,959	-9137,199 N	00 08:07:00	62+578	9,198	9,198
29221 Line_A	TK2	62,609	1053,959	-9137,199	1053,959	-9137,199 N	00 08:07:01	62+609	9,198	9,198
29222 Line_A	TK2	62,640	1100,949	-8985,883	1100,949	-8985,883 N	00 08:07:02	62+640	9,053	9,053
29223 Line_A	TK2	62,672	1100,949	-8985,883	1100,949	-8985,883 N	00 08:07:03	62+672	9,053	9,053
29224 Line_A	TK2	62,704	1100,949	-8985,883	1100,949	-8985,883 N	00 08:07:04	62+704	9,053	9,053
29225 Line_A	TK2	62,737	1143,817	-8840,375	1143,817	-8840,375 N	00 08:07:05	62+737	8,914	8,914
29226 Line_A	TK2	62,770	1143,817	-8840,375	1143,817	-8840,375 N	00 08:07:06	62+770	8,914	8,914
29227 Line_A	TK2	62,803	1143,817	-8840,375	1143,817	-8840,375 N	00 08:07:07	62+803	8,914	8,914
29228 Line_A	TK2	62,836	1182,786	-8700,352	1182,786	-8700,352 N	00 08:07:08	62+836	8,780	8,780
29229 Line_A	TK2	62,869	1182,786	-8700,352	1182,786	-8700,352 N	00 08:07:09	62+869	8,780	8,780
29230 Line_A	TK2	62,903	1182,786	-8700,352	1182,786	-8700,352 N	00 08:07:10	62+903	8,780	8,780
29231 Line_A	TK2	62,938	1218,328	-8565,649	1218,328	-8565,649 N	00 08:07:11	62+938	8,652	8,652
29232 Line_A	TK2	62,972	1218,328	-8565,649	1218,328	-8565,649 N	00 08:07:12	62+972	8,652	8,652
29233 Line_A	TK2	63,007	1218,328	-8565,649	1218,328	-8565,649 N	00 08:07:13	63+007	8,652	8,652
29234 Line_A	TK2	63,042	1250,740	-8436,036	1250,740	-8436,036 N	00 08:07:14	63+042	8,528	8,528
29235 Line_A	TK2	63,077	1250,740	-8436,036	1250,740	-8436,036 N	00 08:07:15	63+077	8,528	8,528
29236 Line_A	TK2	63,112	1250,740	-8436,036	1250,740	-8436,036 N	00 08:07:16	63+112	8,528	8,528
29237 Line_A	TK2	63,148	1280,290	-8311,291	1280,290	-8311,291 N	00 08:07:17	63+148	8,409	8,409



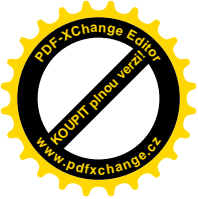
29238 Line_A	TK2	63,184	1280,290	-8311,291	1280,290	-8311,291 N	00 08:07:18	63+184	8,409	8,409
29239 Line_A	TK2	63,220	1280,290	-8311,291	1280,290	-8311,291 N	00 08:07:19	63+220	8,409	8,409
29240 Line_A	TK2	63,256	1307,222	-8191,201	1307,222	-8191,201 N	00 08:07:20	63+256	8,295	8,295
29241 Line_A	TK2	63,293	1307,222	-8191,201	1307,222	-8191,201 N	00 08:07:21	63+293	8,295	8,295
29242 Line_A	TK2	63,330	1331,757	-8075,564	1331,757	-8075,564 N	00 08:07:22	63+330	8,185	8,185
29243 Line_A	TK2	63,366	1331,757	-8075,564	1331,757	-8075,564 N	00 08:07:23	63+366	8,185	8,185
29244 Line_A	TK2	63,404	1331,757	-8075,564	1331,757	-8075,564 N	00 08:07:24	63+404	8,185	8,185
29245 Line_A	TK2	63,441	1354,095	-7964,190	1354,095	-7964,190 N	00 08:07:25	63+441	8,078	8,078
29246 Line_A	TK2	63,479	1354,095	-7964,190	1354,095	-7964,190 N	00 08:07:26	63+479	8,078	8,078
29247 Line_A	TK2	63,516	1354,095	-7964,190	1354,095	-7964,190 N	00 08:07:27	63+516	8,078	8,078
29248 Line_A	TK2	63,554	1374,418	-7856,895	1374,418	-7856,895 N	00 08:07:28	63+554	7,976	7,976
29249 Line_A	TK2	63,592	1374,418	-7856,895	1374,418	-7856,895 N	00 08:07:29	63+592	7,976	7,976
29250 Line_A	TK2	63,631	1392,895	-7753,507	1392,895	-7753,507 N	00 08:07:30	63+631	7,878	7,878
29251 Line_A	TK2	63,669	1392,895	-7753,507	1392,895	-7753,507 N	00 08:07:31	63+669	7,878	7,878
29252 Line_A	TK2	63,708	1392,895	-7753,507	1392,895	-7753,507 N	00 08:07:32	63+708	7,878	7,878
29253 Line_A	TK2	63,747	1409,674	-7653,860	1409,674	-7653,860 N	00 08:07:33	63+747	7,783	7,783
29254 Line_A	TK2	63,786	1409,674	-7653,860	1409,674	-7653,860 N	00 08:07:34	63+786	7,783	7,783
29255 Line_A	TK2	63,825	1409,674	-7653,860	1409,674	-7653,860 N	00 08:07:35	63+825	7,783	7,783
29256 Line_A	TK2	63,865	1424,783	-7557,754	1424,783	-7557,754 N	00 08:07:36	63+865	7,691	7,691
29257 Line_A	TK2	63,904	1424,783	-7557,754	1424,783	-7557,754 N	00 08:07:37	63+904	7,691	7,691
29258 Line_A	TK2	63,944	1438,465	-7465,090	1438,465	-7465,090 N	00 08:07:38	63+944	7,602	7,602
29259 Line_A	TK2	63,984	1438,465	-7465,090	1438,465	-7465,090 N	00 08:07:39	63+984	7,602	7,602
29260 Line_A	TK2	64,024	1438,465	-7465,090	1438,465	-7465,090 N	00 08:07:40	64+024	7,602	7,602
29261 Line_A	TK2	64,065	1450,836	-7375,725	1450,836	-7375,725 N	00 08:07:41	64+065	7,517	7,517
29262 Line_A	TK2	64,105	1450,836	-7375,725	1450,836	-7375,725 N	00 08:07:42	64+105	7,517	7,517
29263 Line_A	TK2	64,146	1462,002	-7289,525	1462,002	-7289,525 N	00 08:07:43	64+146	7,435	7,435
29264 Line_A	TK2	64,187	1462,002	-7289,525	1462,002	-7289,525 N	00 08:07:44	64+187	7,435	7,435
29265 Line_A	TK2	64,228	1462,002	-7289,525	1462,002	-7289,525 N	00 08:07:45	64+228	7,435	7,435
29266 Line_A	TK2	64,269	1472,059	-7206,365	1472,059	-7206,365 N	00 08:07:46	64+269	7,355	7,355
29267 Line_A	TK2	64,311	1472,059	-7206,365	1472,059	-7206,365 N	00 08:07:47	64+311	7,355	7,355
29268 Line_A	TK2	64,352	1481,096	-7126,123	1481,096	-7126,123 N	00 08:07:48	64+352	7,278	7,278
29269 Line_A	TK2	64,394	1481,096	-7126,123	1481,096	-7126,123 N	00 08:07:49	64+394	7,278	7,278
29270 Line_A	TK2	64,436	1489,195	-7048,686	1489,195	-7048,686 N	00 08:07:50	64+436	7,204	7,204
29271 Line_A	TK2	64,478	1489,195	-7048,686	1489,195	-7048,686 N	00 08:07:51	64+478	7,204	7,204
29272 Line_A	TK2	64,520	1489,195	-7048,686	1489,195	-7048,686 N	00 08:07:52	64+520	7,204	7,204
29273 Line_A	TK2	64,563	1496,431	-6973,944	1496,431	-6973,944 N	00 08:07:53	64+563	7,133	7,133
29274 Line_A	TK2	64,606	1496,431	-6973,944	1496,431	-6973,944 N	00 08:07:54	64+606	7,133	7,133
29275 Line_A	TK2	64,649	1502,873	-6901,794	1502,873	-6901,794 N	00 08:07:55	64+649	7,064	7,064
29276 Line_A	TK2	64,693	1502,873	-6901,794	1502,873	-6901,794 N	00 08:07:56	64+693	7,064	7,064
29277 Line_A	TK2	64,736	1508,580	-6832,119	1508,580	-6832,119 N	00 08:07:57	64+736	6,997	6,997
29278 Line_A	TK2	64,780	1508,580	-6832,119	1508,580	-6832,119 N	00 08:07:58	64+780	6,997	6,997
29279 Line_A	TK2	64,824	1508,580	-6832,119	1508,580	-6832,119 N	00 08:07:59	64+824	6,997	6,997
29280 Line_A	TK2	64,869	1520,612	-6731,426	1520,612	-6731,426 N	00 08:08:00	64+869	6,901	6,901
29281 Line_A	TK2	64,913	1520,612	-6731,426	1520,612	-6731,426 N	00 08:08:01	64+913	6,901	6,901
29282 Line_A	TK2	64,958	1531,303	-6634,047	1531,303	-6634,047 N	00 08:08:02	64+958	6,808	6,808
29283 Line_A	TK2	65,003	1531,303	-6634,047	1531,303	-6634,047 N	00 08:08:03	65+003	6,808	6,808
29284 Line_A	TK2	65,048	1540,767	-6539,857	1540,767	-6539,857 N	00 08:08:04	65+048	6,719	6,719
29285 Line_A	TK2	65,094	1540,767	-6539,857	1540,767	-6539,857 N	00 08:08:05	65+094	6,719	6,719
29286 Line_A	TK2	65,140	1549,102	-6448,722	1549,102	-6448,722 N	00 08:08:06	65+140	6,632	6,632
29287 Line_A	TK2	65,185	1549,102	-6448,722	1549,102	-6448,722 N	00 08:08:07	65+185	6,632	6,632
29288 Line_A	TK2	65,232	1556,400	-6360,511	1556,400	-6360,511 N	00 08:08:08	65+232	6,548	6,548
29289 Line_A	TK2	65,278	1556,400	-6360,511	1556,400	-6360,511 N	00 08:08:09	65+278	6,548	6,548



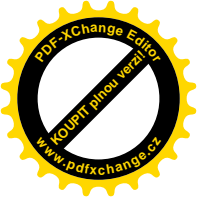
29290 Line_A	TK2	65,324	1556,400	-6360,511	1556,400	-6360,511 N	00 08:08:10	65+324	6,548	6,548
29291 Line_A	TK2	65,371	1562,744	-6275,101	1562,744	-6275,101 N	00 08:08:11	65+371	6,467	6,467
29292 Line_A	TK2	65,418	1562,744	-6275,101	1562,744	-6275,101 N	00 08:08:12	65+418	6,467	6,467
29293 Line_A	TK2	65,464	1568,210	-6192,376	1568,210	-6192,376 N	00 08:08:13	65+464	6,388	6,388
29294 Line_A	TK2	65,511	1568,210	-6192,376	1568,210	-6192,376 N	00 08:08:14	65+511	6,388	6,388
29295 Line_A	TK2	65,558	1572,867	-6112,225	1572,867	-6112,225 N	00 08:08:15	65+558	6,311	6,311
29296 Line_A	TK2	65,605	1572,867	-6112,225	1572,867	-6112,225 N	00 08:08:16	65+605	6,311	6,311
29297 Line_A	TK2	65,652	1576,782	-6034,542	1576,782	-6034,542 N	00 08:08:17	65+652	6,237	6,237
29298 Line_A	TK2	65,699	1576,782	-6034,542	1576,782	-6034,542 N	00 08:08:18	65+699	6,237	6,237
29299 Line_A	TK2	65,746	1580,011	-5959,228	1580,011	-5959,228 N	00 08:08:19	65+746	6,165	6,165
29300 Line_A	TK2	65,794	1580,011	-5959,228	1580,011	-5959,228 N	00 08:08:20	65+794	6,165	6,165
29301 Line_A	TK2	65,841	1582,535	-5886,172	1582,535	-5886,172 N	00 08:08:21	65+841	6,095	6,095
29302 Line_A	TK2	65,888	1582,535	-5886,172	1582,535	-5886,172 N	00 08:08:22	65+888	6,095	6,095
29303 Line_A	TK2	65,936	1584,481	-5815,301	1584,481	-5815,301 N	00 08:08:23	65+936	6,027	6,027
29304 Line_A	TK2	65,983	1584,481	-5815,301	1584,481	-5815,301 N	00 08:08:24	65+983	6,027	6,027
29305 Line_A	TK2	66,031	1585,895	-5746,530	1585,895	-5746,530 N	00 08:08:25	66+031	5,961	5,961
29306 Line_A	TK2	66,078	1585,895	-5746,530	1585,895	-5746,530 N	00 08:08:26	66+078	5,961	5,961
29307 Line_A	TK2	66,126	1585,895	-5746,530	1585,895	-5746,530 N	00 08:08:27	66+126	5,961	5,961
29308 Line_A	TK2	66,174	1586,820	-5679,777	1586,820	-5679,777 N	00 08:08:28	66+174	5,897	5,897
29309 Line_A	TK2	66,222	1586,820	-5679,777	1586,820	-5679,777 N	00 08:08:29	66+222	5,897	5,897
29310 Line_A	TK2	66,270	1587,294	-5614,965	1587,294	-5614,965 N	00 08:08:30	66+270	5,835	5,835
29311 Line_A	TK2	66,319	1587,294	-5614,965	1587,294	-5614,965 N	00 08:08:31	66+319	5,835	5,835
29312 Line_A	TK2	66,367	1587,354	-5552,019	1587,354	-5552,019 N	00 08:08:32	66+367	5,774	5,774
29313 Line_A	TK2	66,416	1587,354	-5552,019	1587,354	-5552,019 N	00 08:08:33	66+416	5,774	5,774
29314 Line_A	TK2	66,465	1587,032	-5490,871	1587,032	-5490,871 N	00 08:08:34	66+465	5,716	5,716
29315 Line_A	TK2	66,515	1587,032	-5490,871	1587,032	-5490,871 N	00 08:08:35	66+515	5,716	5,716
29316 Line_A	TK2	66,564	1586,359	-5431,453	1586,359	-5431,453 N	00 08:08:36	66+564	5,658	5,658
29317 Line_A	TK2	66,614	1586,359	-5431,453	1586,359	-5431,453 N	00 08:08:37	66+614	5,658	5,658
29318 Line_A	TK2	66,664	1585,363	-5373,700	1585,363	-5373,700 N	00 08:08:38	66+664	5,603	5,603
29319 Line_A	TK2	66,714	1585,363	-5373,700	1585,363	-5373,700 N	00 08:08:39	66+714	5,603	5,603
29320 Line_A	TK2	66,765	1584,071	-5317,554	1584,071	-5317,554 N	00 08:08:40	66+765	5,548	5,548
29321 Line_A	TK2	66,816	1584,071	-5317,554	1584,071	-5317,554 N	00 08:08:41	66+816	5,548	5,548
29322 Line_A	TK2	66,867	1582,446	-5262,945	1582,446	-5262,945 N	00 08:08:42	66+867	5,496	5,496
29323 Line_A	TK2	66,918	1582,446	-5262,945	1582,446	-5262,945 N	00 08:08:43	66+918	5,496	5,496
29324 Line_A	TK2	66,969	1580,573	-5209,831	1580,573	-5209,831 N	00 08:08:44	66+969	5,444	5,444
29325 Line_A	TK2	67,021	1580,573	-5209,831	1580,573	-5209,831 N	00 08:08:45	67+021	5,444	5,444
29326 Line_A	TK2	67,073	1578,474	-5158,157	1578,474	-5158,157 N	00 08:08:46	67+073	5,394	5,394
29327 Line_A	TK2	67,125	1578,474	-5158,157	1578,474	-5158,157 N	00 08:08:47	67+125	5,394	5,394
29328 Line_A	TK2	67,177	1576,167	-5107,875	1576,167	-5107,875 N	00 08:08:48	67+177	5,346	5,346
29329 Line_A	TK2	67,230	1573,671	-5058,935	1573,671	-5058,935 N	00 08:08:49	67+230	5,298	5,298
29330 Line_A	TK2	67,282	1573,671	-5058,935	1573,671	-5058,935 N	00 08:08:50	67+282	5,298	5,298
29331 Line_A	TK2	67,335	1571,003	-5011,293	1571,003	-5011,293 N	00 08:08:51	67+335	5,252	5,252
29332 Line_A	TK2	67,388	1571,003	-5011,293	1571,003	-5011,293 N	00 08:08:52	67+388	5,252	5,252
29333 Line_A	TK2	67,442	1568,177	-4964,904	1568,177	-4964,904 N	00 08:08:53	67+442	5,207	5,207
29334 Line_A	TK2	67,495	1568,177	-4964,904	1568,177	-4964,904 N	00 08:08:54	67+495	5,207	5,207
29335 Line_A	TK2	67,548	1565,208	-4919,727	1565,208	-4919,727 N	00 08:08:55	67+548	5,163	5,163
29336 Line_A	TK2	67,602	1565,208	-4919,727	1565,208	-4919,727 N	00 08:08:56	67+602	5,163	5,163
29337 Line_A	TK2	67,656	1562,109	-4875,722	1562,109	-4875,722 N	00 08:08:57	67+656	5,120	5,120
29338 Line_A	TK2	67,710	1562,109	-4875,722	1562,109	-4875,722 N	00 08:08:58	67+710	5,120	5,120
29339 Line_A	TK2	67,764	1558,893	-4832,851	1558,893	-4832,851 N	00 08:08:59	67+764	5,078	5,078
29340 Line_A	TK2	67,818	1558,893	-4832,851	1558,893	-4832,851 N	00 08:09:00	67+818	5,078	5,078
29341 Line_A	TK2	67,872	1555,520	-4791,071	1555,520	-4791,071 N	00 08:09:01	67+872	5,037	5,037



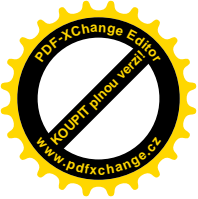
29342 Line_A	TK2	67,926	1555,520	-4791,071	1555,520	-4791,071 N	00 08:09:02	67+926	5,037	5,037
29343 Line_A	TK2	67,980	1552,054	-4750,353	1552,054	-4750,353 N	00 08:09:03	67+980	4,997	4,997
29344 Line_A	TK2	68,035	1548,505	-4710,665	1548,505	-4710,665 N	00 08:09:04	68+035	4,959	4,959
29345 Line_A	TK2	68,089	1548,505	-4710,665	1548,505	-4710,665 N	00 08:09:05	68+089	4,959	4,959
29346 Line_A	TK2	68,144	1544,882	-4671,974	1544,882	-4671,974 N	00 08:09:06	68+144	4,921	4,921
29347 Line_A	TK2	68,199	1544,882	-4671,974	1544,882	-4671,974 N	00 08:09:07	68+199	4,921	4,921
29348 Line_A	TK2	68,254	1541,194	-4634,250	1541,194	-4634,250 N	00 08:09:08	68+254	4,884	4,884
29349 Line_A	TK2	68,309	1541,194	-4634,250	1541,194	-4634,250 N	00 08:09:09	68+309	4,884	4,884
29350 Line_A	TK2	68,364	1537,450	-4597,462	1537,450	-4597,462 N	00 08:09:10	68+364	4,848	4,848
29351 Line_A	TK2	68,419	1537,450	-4597,462	1537,450	-4597,462 N	00 08:09:11	68+419	4,848	4,848
29352 Line_A	TK2	68,475	1533,656	-4561,584	1533,656	-4561,584 N	00 08:09:12	68+475	4,812	4,812
29353 Line_A	TK2	68,530	1529,821	-4526,587	1529,821	-4526,587 N	00 08:09:13	68+530	4,778	4,778
29354 Line_A	TK2	68,586	1529,821	-4526,587	1529,821	-4526,587 N	00 08:09:14	68+586	4,778	4,778
29355 Line_A	TK2	68,641	1525,950	-4492,446	1525,950	-4492,446 N	00 08:09:15	68+641	4,745	4,745
29356 Line_A	TK2	68,697	1525,950	-4492,446	1525,950	-4492,446 N	00 08:09:16	68+697	4,745	4,745
29357 Line_A	TK2	68,752	1522,050	-4459,136	1522,050	-4459,136 N	00 08:09:17	68+752	4,712	4,712
29358 Line_A	TK2	68,808	1522,050	-4459,136	1522,050	-4459,136 N	00 08:09:18	68+808	4,712	4,712
29359 Line_A	TK2	68,863	1518,083	-4426,630	1518,083	-4426,630 N	00 08:09:19	68+863	4,680	4,680
29360 Line_A	TK2	68,919	1518,083	-4426,630	1518,083	-4426,630 N	00 08:09:20	68+919	4,680	4,680
29361 Line_A	TK2	68,975	1514,099	-4394,908	1514,099	-4394,908 N	00 08:09:21	68+975	4,648	4,648
29362 Line_A	TK2	69,030	1510,104	-4363,948	1510,104	-4363,948 N	00 08:09:22	69+030	4,618	4,618
29363 Line_A	TK2	69,086	1510,104	-4363,948	1510,104	-4363,948 N	00 08:09:23	69+086	4,618	4,618
29364 Line_A	TK2	69,141	1506,103	-4333,729	1506,103	-4333,729 N	00 08:09:24	69+141	4,588	4,588
29365 Line_A	TK2	69,197	1506,103	-4333,729	1506,103	-4333,729 N	00 08:09:25	69+197	4,588	4,588
29366 Line_A	TK2	69,252	1502,100	-4304,232	1502,100	-4304,232 N	00 08:09:26	69+252	4,559	4,559
29367 Line_A	TK2	69,308	1502,100	-4304,232	1502,100	-4304,232 N	00 08:09:27	69+308	4,559	4,559
29368 Line_A	TK2	69,363	1498,099	-4275,436	1498,099	-4275,436 N	00 08:09:28	69+363	4,530	4,530
29369 Line_A	TK2	69,419	1498,099	-4275,436	1498,099	-4275,436 N	00 08:09:29	69+419	4,530	4,530
29370 Line_A	TK2	69,475	1494,105	-4247,322	1494,105	-4247,322 N	00 08:09:30	69+475	4,502	4,502
29371 Line_A	TK2	69,530	1490,122	-4219,873	1490,122	-4219,873 N	00 08:09:31	69+530	4,475	4,475
29372 Line_A	TK2	69,586	1490,122	-4219,873	1490,122	-4219,873 N	00 08:09:32	69+586	4,475	4,475
29373 Line_A	TK2	69,641	1486,153	-4193,070	1486,153	-4193,070 N	00 08:09:33	69+641	4,449	4,449
29374 Line_A	TK2	69,697	1486,153	-4193,070	1486,153	-4193,070 N	00 08:09:34	69+697	4,449	4,449
29375 Line_A	TK2	69,752	1482,198	-4166,890	1482,198	-4166,890 N	00 08:09:35	69+752	4,423	4,423
29376 Line_A	TK2	69,808	1482,198	-4166,890	1482,198	-4166,890 N	00 08:09:36	69+808	4,423	4,423
29377 Line_A	TK2	69,863	1477,676	-4127,594	1477,676	-4127,594 N	00 08:09:37	69+863	4,384	4,384
29378 Line_A	TK2	69,919	1477,676	-4127,594	1477,676	-4127,594 N	00 08:09:38	69+919	4,384	4,384
29379 Line_A	TK2	69,975	1473,103	-4089,310	1473,103	-4089,310 N	00 08:09:39	69+975	4,347	4,347
29380 Line_A	TK2	70,030	1468,490	-4052,009	1468,490	-4052,009 N	00 08:09:40	70+030	4,310	4,310
29381 Line_A	TK2	70,086	1468,490	-4052,009	1468,490	-4052,009 N	00 08:09:41	70+086	4,310	4,310
29382 Line_A	TK2	70,141	1463,844	-4015,660	1463,844	-4015,660 N	00 08:09:42	70+141	4,274	4,274
29383 Line_A	TK2	70,197	1463,844	-4015,660	1463,844	-4015,660 N	00 08:09:43	70+197	4,274	4,274
29384 Line_A	TK2	70,252	1459,170	-3980,230	1459,170	-3980,230 N	00 08:09:44	70+252	4,239	4,239
29385 Line_A	TK2	70,308	1459,170	-3980,230	1459,170	-3980,230 N	00 08:09:45	70+308	4,239	4,239
29386 Line_A	TK2	70,363	1454,474	-3945,689	1454,474	-3945,689 N	00 08:09:46	70+363	4,205	4,205
29387 Line_A	TK2	70,419	1454,474	-3945,689	1454,474	-3945,689 N	00 08:09:47	70+419	4,205	4,205
29388 Line_A	TK2	70,475	1449,762	-3912,008	1449,762	-3912,008 N	00 08:09:48	70+475	4,172	4,172
29389 Line_A	TK2	70,530	1445,039	-3879,159	1445,039	-3879,159 N	00 08:09:49	70+530	4,140	4,140
29390 Line_A	TK2	70,586	1445,039	-3879,159	1445,039	-3879,159 N	00 08:09:50	70+586	4,140	4,140
29391 Line_A	TK2	70,641	1440,309	-3847,115	1440,309	-3847,115 N	00 08:09:51	70+641	4,108	4,108
29392 Line_A	TK2	70,697	1440,309	-3847,115	1440,309	-3847,115 N	00 08:09:52	70+697	4,108	4,108
29393 Line_A	TK2	70,752	1435,576	-3815,850	1435,576	-3815,850 N	00 08:09:53	70+752	4,077	4,077



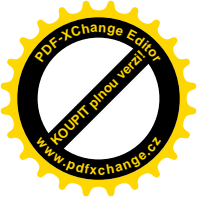
29394 Line_A	TK2	70,808	1435,576	-3815,850	1435,576	-3815,850 N	00 08:09:54	70+808	4,077	4,077
29395 Line_A	TK2	70,863	1430,811	-3785,340	1430,811	-3785,340 N	00 08:09:55	70+863	4,047	4,047
29396 Line_A	TK2	70,919	1430,811	-3785,340	1430,811	-3785,340 N	00 08:09:56	70+919	4,047	4,047
29397 Line_A	TK2	70,975	1426,052	-3755,562	1426,052	-3755,562 N	00 08:09:57	70+975	4,017	4,017
29398 Line_A	TK2	71,030	1421,303	-3726,493	1421,303	-3726,493 N	00 08:09:58	71+030	3,988	3,988
29399 Line_A	TK2	71,086	1421,303	-3726,493	1421,303	-3726,493 N	00 08:09:59	71+086	3,988	3,988
29400 Line_A	TK2	71,141	1416,559	-3698,063	1416,559	-3698,063 N	00 08:10:00	71+141	3,960	3,960
29401 Line_A	TK2	71,197	1416,559	-3698,063	1416,559	-3698,063 N	00 08:10:01	71+197	3,960	3,960
29402 Line_A	TK2	71,252	1412,765	-3676,059	1412,765	-3676,059 N	00 08:10:02	71+252	3,938	3,938
29403 Line_A	TK2	71,308	1412,765	-3676,059	1412,765	-3676,059 N	00 08:10:03	71+308	3,938	3,938
29404 Line_A	TK2	71,363	1407,744	-3647,537	1407,744	-3647,537 N	00 08:10:04	71+363	3,910	3,910
29405 Line_A	TK2	71,419	1403,023	-3621,965	1403,023	-3621,965 N	00 08:10:05	71+419	3,884	3,884
29406 Line_A	TK2	71,475	1403,023	-3621,965	1403,023	-3621,965 N	00 08:10:06	71+475	3,884	3,884
29407 Line_A	TK2	71,530	1398,628	-3599,071	1398,628	-3599,071 N	00 08:10:07	71+530	3,861	3,861
29408 Line_A	TK2	71,586	1398,628	-3599,071	1398,628	-3599,071 N	00 08:10:08	71+586	3,861	3,861
29409 Line_A	TK2	71,641	1394,562	-3578,763	1394,562	-3578,763 N	00 08:10:09	71+641	3,841	3,841
29410 Line_A	TK2	71,697	1394,562	-3578,763	1394,562	-3578,763 N	00 08:10:10	71+697	3,841	3,841
29411 Line_A	TK2	71,752	1390,773	-3560,827	1390,773	-3560,827 N	00 08:10:11	71+752	3,823	3,823
29412 Line_A	TK2	71,808	1390,067	-3557,562	1390,067	-3557,562 N	00 08:10:12	71+808	3,819	3,819
29413 Line_A	TK2	71,863	1386,759	-3542,813	1386,759	-3542,813 N	00 08:10:13	71+863	3,805	3,805
29414 Line_A	TK2	71,919	1386,759	-3542,813	1386,759	-3542,813 N	00 08:10:14	71+919	3,805	3,805
29415 Line_A	TK2	71,975	1383,730	-3530,298	1383,730	-3530,298 N	00 08:10:15	71+975	3,792	3,792
29416 Line_A	TK2	72,030	1381,035	-3520,103	1381,035	-3520,103 N	00 08:10:16	72+030	3,781	3,781
29417 Line_A	TK2	72,086	1381,035	-3520,103	1381,035	-3520,103 N	00 08:10:17	72+086	3,781	3,781
29418 Line_A	TK2	72,141	1378,674	-3512,191	1378,674	-3512,191 N	00 08:10:18	72+141	3,773	3,773
29419 Line_A	TK2	72,197	1378,674	-3512,191	1378,674	-3512,191 N	00 08:10:19	72+197	3,773	3,773
29420 Line_A	TK2	72,252	1376,645	-3506,531	1376,645	-3506,531 N	00 08:10:20	72+252	3,767	3,767
29421 Line_A	TK2	72,308	1376,645	-3506,531	1376,645	-3506,531 N	00 08:10:21	72+308	3,767	3,767
29422 Line_A	TK2	72,363	1374,945	-3503,102	1374,945	-3503,102 N	00 08:10:22	72+363	3,763	3,763
29423 Line_A	TK2	72,419	1374,945	-3503,102	1374,945	-3503,102 N	00 08:10:23	72+419	3,763	3,763
29424 Line_A	TK2	72,475	1373,555	-3501,797	1373,555	-3501,797 N	00 08:10:24	72+475	3,762	3,762
29425 Line_A	TK2	72,530	1372,906	-3502,303	1372,906	-3502,303 N	00 08:10:25	72+530	3,762	3,762
29426 Line_A	TK2	72,586	1372,906	-3502,303	1372,906	-3502,303 N	00 08:10:26	72+586	3,762	3,762
29427 Line_A	TK2	72,641	1368,215	-3478,874	1368,215	-3478,874 N	00 08:10:27	72+641	3,738	3,738
29428 Line_A	TK2	72,697	1363,518	-3455,928	1363,518	-3455,928 N	00 08:10:28	72+697	3,715	3,715
29429 Line_A	TK2	72,752	1363,518	-3455,928	1363,518	-3455,928 N	00 08:10:29	72+752	3,715	3,715
29430 Line_A	TK2	72,808	1361,615	-3446,721	1361,615	-3446,721 N	00 08:10:30	72+808	3,706	3,706
29431 Line_A	TK2	72,863	1357,011	-3424,742	1357,011	-3424,742 N	00 08:10:31	72+863	3,684	3,684
29432 Line_A	TK2	72,919	1357,011	-3424,742	1357,011	-3424,742 N	00 08:10:32	72+919	3,684	3,684
29433 Line_A	TK2	72,975	1352,411	-3403,126	1352,411	-3403,126 N	00 08:10:33	72+975	3,662	3,662
29434 Line_A	TK2	73,030	1347,850	-3381,987	1347,850	-3381,987 N	00 08:10:34	73+030	3,641	3,641
29435 Line_A	TK2	73,086	1347,850	-3381,987	1347,850	-3381,987 N	00 08:10:35	73+086	3,641	3,641
29436 Line_A	TK2	73,141	1343,329	-3361,311	1343,329	-3361,311 N	00 08:10:36	73+141	3,620	3,620
29437 Line_A	TK2	73,197	1343,329	-3361,311	1343,329	-3361,311 N	00 08:10:37	73+197	3,620	3,620
29438 Line_A	TK2	73,252	1338,847	-3341,088	1338,847	-3341,088 N	00 08:10:38	73+252	3,599	3,599
29439 Line_A	TK2	73,308	1338,847	-3341,088	1338,847	-3341,088 N	00 08:10:39	73+308	3,599	3,599
29440 Line_A	TK2	73,363	1334,406	-3321,305	1334,406	-3321,305 N	00 08:10:40	73+363	3,579	3,579
29441 Line_A	TK2	73,419	1334,406	-3321,305	1334,406	-3321,305 N	00 08:10:41	73+419	3,579	3,579
29442 Line_A	TK2	73,475	1330,007	-3301,952	1330,007	-3301,952 N	00 08:10:42	73+475	3,560	3,560
29443 Line_A	TK2	73,530	1325,649	-3283,017	1325,649	-3283,017 N	00 08:10:43	73+530	3,541	3,541
29444 Line_A	TK2	73,586	1325,649	-3283,017	1325,649	-3283,017 N	00 08:10:44	73+586	3,541	3,541
29445 Line_A	TK2	73,641	1321,334	-3264,492	1321,334	-3264,492 N	00 08:10:45	73+641	3,522	3,522



29446 Line_A	TK2	73,697	1321,334	-3264,492	1321,334	-3264,492 N	00 08:10:46	73+697	3,522	3,522
29447 Line_A	TK2	73,752	1317,062	-3246,364	1317,062	-3246,364 N	00 08:10:47	73+752	3,503	3,503
29448 Line_A	TK2	73,808	1317,062	-3246,364	1317,062	-3246,364 N	00 08:10:48	73+808	3,503	3,503
29449 Line_A	TK2	73,863	1312,809	-3228,627	1312,809	-3228,627 N	00 08:10:49	73+863	3,485	3,485
29450 Line_A	TK2	73,919	1312,809	-3228,627	1312,809	-3228,627 N	00 08:10:50	73+919	3,485	3,485
29451 Line_A	TK2	73,975	1308,601	-3211,270	1308,601	-3211,270 N	00 08:10:51	73+975	3,468	3,468
29452 Line_A	TK2	74,030	1304,437	-3194,283	1304,437	-3194,283 N	00 08:10:52	74+030	3,450	3,450
29453 Line_A	TK2	74,086	1304,437	-3194,283	1304,437	-3194,283 N	00 08:10:53	74+086	3,450	3,450
29454 Line_A	TK2	74,141	1300,319	-3177,659	1300,319	-3177,659 N	00 08:10:54	74+141	3,433	3,433
29455 Line_A	TK2	74,197	1300,319	-3177,659	1300,319	-3177,659 N	00 08:10:55	74+197	3,433	3,433
29456 Line_A	TK2	74,252	1296,247	-3161,389	1296,247	-3161,389 N	00 08:10:56	74+252	3,417	3,417
29457 Line_A	TK2	74,308	1296,247	-3161,389	1296,247	-3161,389 N	00 08:10:57	74+308	3,417	3,417
29458 Line_A	TK2	74,363	1292,221	-3145,465	1292,221	-3145,465 N	00 08:10:58	74+363	3,401	3,401
29459 Line_A	TK2	74,419	1292,221	-3145,465	1292,221	-3145,465 N	00 08:10:59	74+419	3,401	3,401
29460 Line_A	TK2	74,475	1288,242	-3129,879	1288,242	-3129,879 N	00 08:11:00	74+475	3,385	3,385
29461 Line_A	TK2	74,530	1284,309	-3114,624	1284,309	-3114,624 N	00 08:11:01	74+530	3,369	3,369
29462 Line_A	TK2	74,586	1284,309	-3114,624	1284,309	-3114,624 N	00 08:11:02	74+586	3,369	3,369
29463 Line_A	TK2	74,641	1280,424	-3099,692	1280,424	-3099,692 N	00 08:11:03	74+641	3,354	3,354
29464 Line_A	TK2	74,697	1280,424	-3099,692	1280,424	-3099,692 N	00 08:11:04	74+697	3,354	3,354
29465 Line_A	TK2	74,752	1276,584	-3085,073	1276,584	-3085,073 N	00 08:11:05	74+752	3,339	3,339
29466 Line_A	TK2	74,808	1276,584	-3085,073	1276,584	-3085,073 N	00 08:11:06	74+808	3,339	3,339
29467 Line_A	TK2	74,863	1271,776	-3063,140	1271,776	-3063,140 N	00 08:11:07	74+863	3,317	3,317
29468 Line_A	TK2	74,919	1271,776	-3063,140	1271,776	-3063,140 N	00 08:11:08	74+919	3,317	3,317
29469 Line_A	TK2	74,975	1267,009	-3041,670	1267,009	-3041,670 N	00 08:11:09	74+975	3,295	3,295
29470 Line_A	TK2	75,030	1262,285	-3020,654	1262,285	-3020,654 N	00 08:11:10	75+030	3,274	3,274
29471 Line_A	TK2	75,086	1262,285	-3020,654	1262,285	-3020,654 N	00 08:11:11	75+086	3,274	3,274
29472 Line_A	TK2	75,141	1257,605	-3000,079	1257,605	-3000,079 N	00 08:11:12	75+141	3,253	3,253
29473 Line_A	TK2	75,197	1257,605	-3000,079	1257,605	-3000,079 N	00 08:11:13	75+197	3,253	3,253
29474 Line_A	TK2	75,252	1252,967	-2979,934	1252,967	-2979,934 N	00 08:11:14	75+252	3,233	3,233
29475 Line_A	TK2	75,308	1252,967	-2979,934	1252,967	-2979,934 N	00 08:11:15	75+308	3,233	3,233
29476 Line_A	TK2	75,363	1248,373	-2960,205	1248,373	-2960,205 N	00 08:11:16	75+363	3,213	3,213
29477 Line_A	TK2	75,419	1248,373	-2960,205	1248,373	-2960,205 N	00 08:11:17	75+419	3,213	3,213
29478 Line_A	TK2	75,475	1243,821	-2940,883	1243,821	-2940,883 N	00 08:11:18	75+475	3,193	3,193
29479 Line_A	TK2	75,530	1239,312	-2921,956	1239,312	-2921,956 N	00 08:11:19	75+530	3,174	3,174
29480 Line_A	TK2	75,586	1239,312	-2921,956	1239,312	-2921,956 N	00 08:11:20	75+586	3,174	3,174
29481 Line_A	TK2	75,641	1234,846	-2903,414	1234,846	-2903,414 N	00 08:11:21	75+641	3,155	3,155
29482 Line_A	TK2	75,697	1234,846	-2903,414	1234,846	-2903,414 N	00 08:11:22	75+697	3,155	3,155
29483 Line_A	TK2	75,752	1230,421	-2885,245	1230,421	-2885,245 N	00 08:11:23	75+752	3,137	3,137
29484 Line_A	TK2	75,808	1230,421	-2885,245	1230,421	-2885,245 N	00 08:11:24	75+808	3,137	3,137
29485 Line_A	TK2	75,863	1226,019	-2867,443	1226,019	-2867,443 N	00 08:11:25	75+863	3,119	3,119
29486 Line_A	TK2	75,919	1226,019	-2867,443	1226,019	-2867,443 N	00 08:11:26	75+919	3,119	3,119
29487 Line_A	TK2	75,975	1221,660	-2849,996	1221,660	-2849,996 N	00 08:11:27	75+975	3,101	3,101
29488 Line_A	TK2	76,030	1217,342	-2832,896	1217,342	-2832,896 N	00 08:11:28	76+030	3,083	3,083
29489 Line_A	TK2	76,086	1217,342	-2832,896	1217,342	-2832,896 N	00 08:11:29	76+086	3,083	3,083
29490 Line_A	TK2	76,141	1213,066	-2816,132	1213,066	-2816,132 N	00 08:11:30	76+141	3,066	3,066
29491 Line_A	TK2	76,197	1213,066	-2816,132	1213,066	-2816,132 N	00 08:11:31	76+197	3,066	3,066
29492 Line_A	TK2	76,252	1208,832	-2799,698	1208,832	-2799,698 N	00 08:11:32	76+252	3,050	3,050
29493 Line_A	TK2	76,308	1208,832	-2799,698	1208,832	-2799,698 N	00 08:11:33	76+308	3,050	3,050
29494 Line_A	TK2	76,363	1204,639	-2783,584	1204,639	-2783,584 N	00 08:11:34	76+363	3,033	3,033
29495 Line_A	TK2	76,419	1204,639	-2783,584	1204,639	-2783,584 N	00 08:11:35	76+419	3,033	3,033
29496 Line_A	TK2	76,475	1200,487	-2767,783	1200,487	-2767,783 N	00 08:11:36	76+475	3,017	3,017
29497 Line_A	TK2	76,530	1196,376	-2752,288	1196,376	-2752,288 N	00 08:11:37	76+530	3,001	3,001



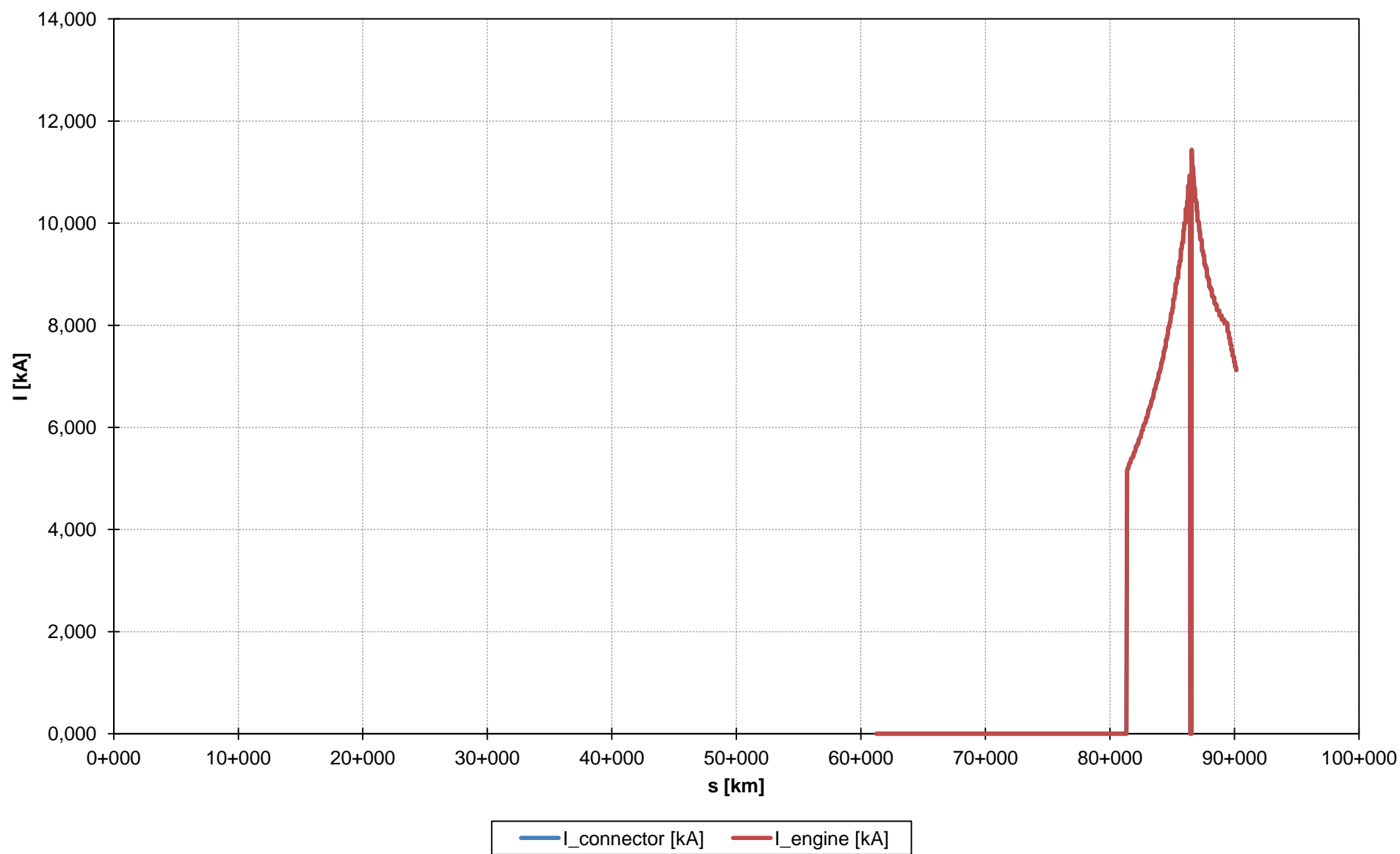
29498 Line_A	TK2	76,586	1196,376	-2752,288	1196,376	-2752,288 N	00 08:11:38	76+586	3,001	3,001
29499 Line_A	TK2	76,641	1192,305	-2737,090	1192,305	-2737,090 N	00 08:11:39	76+641	2,986	2,986
29500 Line_A	TK2	76,697	1192,305	-2737,090	1192,305	-2737,090 N	00 08:11:40	76+697	2,986	2,986
29501 Line_A	TK2	76,752	1188,275	-2722,182	1188,275	-2722,182 N	00 08:11:41	76+752	2,970	2,970
29502 Line_A	TK2	76,808	1188,275	-2722,182	1188,275	-2722,182 N	00 08:11:42	76+808	2,970	2,970
29503 Line_A	TK2	76,863	1184,249	-2707,502	1184,249	-2707,502 N	00 08:11:43	76+863	2,955	2,955
29504 Line_A	TK2	76,919	1181,993	-2699,431	1181,993	-2699,431 N	00 08:11:44	76+919	2,947	2,947
29505 Line_A	TK2	76,975	1181,993	-2699,431	1181,993	-2699,431 N	00 08:11:45	76+975	2,947	2,947
29506 Line_A	TK2	77,030	1177,858	-2684,399	1177,858	-2684,399 N	00 08:11:46	77+030	2,931	2,931
29507 Line_A	TK2	77,086	1177,858	-2684,399	1177,858	-2684,399 N	00 08:11:47	77+086	2,931	2,931
29508 Line_A	TK2	77,141	1174,127	-2671,317	1174,127	-2671,317 N	00 08:11:48	77+141	2,918	2,918
29509 Line_A	TK2	77,197	1170,801	-2660,052	1170,801	-2660,052 N	00 08:11:49	77+197	2,906	2,906
29510 Line_A	TK2	77,252	1170,801	-2660,052	1170,801	-2660,052 N	00 08:11:50	77+252	2,906	2,906
29511 Line_A	TK2	77,308	1167,875	-2650,562	1167,875	-2650,562 N	00 08:11:51	77+308	2,896	2,896
29512 Line_A	TK2	77,363	1167,875	-2650,562	1167,875	-2650,562 N	00 08:11:52	77+363	2,896	2,896
29513 Line_A	TK2	77,419	1165,346	-2642,809	1165,346	-2642,809 N	00 08:11:53	77+419	2,888	2,888
29514 Line_A	TK2	77,475	1165,346	-2642,809	1165,346	-2642,809 N	00 08:11:54	77+475	2,888	2,888
29515 Line_A	TK2	77,530	1163,210	-2636,765	1163,210	-2636,765 N	00 08:11:55	77+530	2,882	2,882
29516 Line_A	TK2	77,586	1163,210	-2636,765	1163,210	-2636,765 N	00 08:11:56	77+586	2,882	2,882
29517 Line_A	TK2	77,641	1161,463	-2632,405	1161,463	-2632,405 N	00 08:11:57	77+641	2,877	2,877
29518 Line_A	TK2	77,697	1160,079	-2629,642	1160,079	-2629,642 N	00 08:11:58	77+697	2,874	2,874
29519 Line_A	TK2	77,752	1160,079	-2629,642	1160,079	-2629,642 N	00 08:11:59	77+752	2,874	2,874
29520 Line_A	TK2	77,808	1159,612	-2628,995	1159,612	-2628,995 N	00 08:12:00	77+808	2,873	2,873
29521 Line_A	TK2	77,863	1158,767	-2628,678	1158,767	-2628,678 N	00 08:12:01	77+863	2,873	2,873
29522 Line_A	TK2	77,919	1158,633	-2628,967	1158,633	-2628,967 N	00 08:12:02	77+919	2,873	2,873
29523 Line_A	TK2	77,975	1154,749	-2615,907	1154,749	-2615,907 N	00 08:12:03	77+975	2,859	2,859
29524 Line_A	TK2	78,030	1154,749	-2615,907	1154,749	-2615,907 N	00 08:12:04	78+030	2,859	2,859
29525 Line_A	TK2	78,086	1150,879	-2603,115	1150,879	-2603,115 N	00 08:12:05	78+086	2,846	2,846
29526 Line_A	TK2	78,141	1150,879	-2603,115	1150,879	-2603,115 N	00 08:12:06	78+141	2,846	2,846
29527 Line_A	TK2	78,197	1147,048	-2590,557	1147,048	-2590,557 N	00 08:12:07	78+197	2,833	2,833
29528 Line_A	TK2	78,252	1147,048	-2590,557	1147,048	-2590,557 N	00 08:12:08	78+252	2,833	2,833
29529 Line_A	TK2	78,308	1143,254	-2578,229	1143,254	-2578,229 N	00 08:12:09	78+308	2,820	2,820
29530 Line_A	TK2	78,363	1139,498	-2566,125	1139,498	-2566,125 N	00 08:12:10	78+363	2,808	2,808
29531 Line_A	TK2	78,419	1139,498	-2566,125	1139,498	-2566,125 N	00 08:12:11	78+419	2,808	2,808
29532 Line_A	TK2	78,475	1135,777	-2554,241	1135,777	-2554,241 N	00 08:12:12	78+475	2,795	2,795
29533 Line_A	TK2	78,530	1135,777	-2554,241	1135,777	-2554,241 N	00 08:12:13	78+530	2,795	2,795
29534 Line_A	TK2	78,586	1132,093	-2542,572	1132,093	-2542,572 N	00 08:12:14	78+586	2,783	2,783
29535 Line_A	TK2	78,641	1132,093	-2542,572	1132,093	-2542,572 N	00 08:12:15	78+641	2,783	2,783
29536 Line_A	TK2	78,697	1128,438	-2531,081	1128,438	-2531,081 N	00 08:12:16	78+697	2,771	2,771
29537 Line_A	TK2	78,752	1125,760	-2522,735	1125,760	-2522,735 N	00 08:12:17	78+752	2,763	2,763
29538 Line_A	TK2	78,808	1125,760	-2522,735	1125,760	-2522,735 N	00 08:12:18	78+808	2,763	2,763
29539 Line_A	TK2	78,863	1122,165	-2511,665	1122,165	-2511,665 N	00 08:12:19	78+863	2,751	2,751
29540 Line_A	TK2	78,919	1122,165	-2511,665	1122,165	-2511,665 N	00 08:12:20	78+919	2,751	2,751
29541 Line_A	TK2	78,975	1118,597	-2500,763	1118,597	-2500,763 N	00 08:12:21	78+975	2,740	2,740
29542 Line_A	TK2	79,030	1115,063	-2490,057	1115,063	-2490,057 N	00 08:12:22	79+030	2,728	2,728
29543 Line_A	TK2	79,086	1115,063	-2490,057	1115,063	-2490,057 N	00 08:12:23	79+086	2,728	2,728
29544 Line_A	TK2	79,141	1111,564	-2479,542	1111,564	-2479,542 N	00 08:12:24	79+141	2,717	2,717
29545 Line_A	TK2	79,197	1111,564	-2479,542	1111,564	-2479,542 N	00 08:12:25	79+197	2,717	2,717
29546 Line_A	TK2	79,252	1108,097	-2469,215	1108,097	-2469,215 N	00 08:12:26	79+252	2,706	2,706
29547 Line_A	TK2	79,308	1108,097	-2469,215	1108,097	-2469,215 N	00 08:12:27	79+308	2,706	2,706
29548 Line_A	TK2	79,363	1104,664	-2459,072	1104,664	-2459,072 N	00 08:12:28	79+363	2,696	2,696
29549 Line_A	TK2	79,419	1104,664	-2459,072	1104,664	-2459,072 N	00 08:12:29	79+419	2,696	2,696

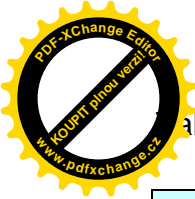


29550 Line_A	TK2	79,475	1101,263	-2449,110	1101,263	-2449,110 N	00 08:12:30	79+475	2,685	2,685
29551 Line_A	TK2	79,530	1097,895	-2439,325	1097,895	-2439,325 N	00 08:12:31	79+530	2,675	2,675
29552 Line_A	TK2	79,586	1097,895	-2439,325	1097,895	-2439,325 N	00 08:12:32	79+586	2,675	2,675
29553 Line_A	TK2	79,641	1094,559	-2429,714	1094,559	-2429,714 N	00 08:12:33	79+641	2,665	2,665
29554 Line_A	TK2	79,697	1094,559	-2429,714	1094,559	-2429,714 N	00 08:12:34	79+697	2,665	2,665
29555 Line_A	TK2	79,752	1091,252	-2420,272	1091,252	-2420,272 N	00 08:12:35	79+752	2,655	2,655
29556 Line_A	TK2	79,808	1091,252	-2420,272	1091,252	-2420,272 N	00 08:12:36	79+808	2,655	2,655
29557 Line_A	TK2	79,863	1087,043	-2406,320	1087,043	-2406,320 N	00 08:12:37	79+863	2,640	2,640
29558 Line_A	TK2	79,919	1087,043	-2406,320	1087,043	-2406,320 N	00 08:12:38	79+919	2,640	2,640
29559 Line_A	TK2	79,975	1082,920	-2392,864	1082,920	-2392,864 N	00 08:12:39	79+975	2,627	2,627
29560 Line_A	TK2	80,030	1078,884	-2379,893	1078,884	-2379,893 N	00 08:12:40	80+030	2,613	2,613
29561 Line_A	TK2	80,086	1078,884	-2379,893	1078,884	-2379,893 N	00 08:12:41	80+086	2,613	2,613
29562 Line_A	TK2	80,141	1074,933	-2367,394	1074,933	-2367,394 N	00 08:12:42	80+141	2,600	2,600
29563 Line_A	TK2	80,197	1074,933	-2367,394	1074,933	-2367,394 N	00 08:12:43	80+197	2,600	2,600
29564 Line_A	TK2	80,252	1071,066	-2355,355	1071,066	-2355,355 N	00 08:12:44	80+252	2,587	2,587
29565 Line_A	TK2	80,308	1071,066	-2355,355	1071,066	-2355,355 N	00 08:12:45	80+308	2,587	2,587
29566 Line_A	TK2	80,363	1067,281	-2343,763	1067,281	-2343,763 N	00 08:12:46	80+363	2,575	2,575
29567 Line_A	TK2	80,419	1067,281	-2343,763	1067,281	-2343,763 N	00 08:12:47	80+419	2,575	2,575
29568 Line_A	TK2	80,475	1063,578	-2332,608	1063,578	-2332,608 N	00 08:12:48	80+475	2,564	2,564
29569 Line_A	TK2	80,530	1059,953	-2321,878	1059,953	-2321,878 N	00 08:12:49	80+530	2,552	2,552
29570 Line_A	TK2	80,586	1059,953	-2321,878	1059,953	-2321,878 N	00 08:12:50	80+586	2,552	2,552
29571 Line_A	TK2	80,641	1056,407	-2311,565	1056,407	-2311,565 N	00 08:12:51	80+641	2,542	2,542
29572 Line_A	TK2	80,697	1056,407	-2311,565	1056,407	-2311,565 N	00 08:12:52	80+697	2,542	2,542
29573 Line_A	TK2	80,752	1052,938	-2301,657	1052,938	-2301,657 N	00 08:12:53	80+752	2,531	2,531
29574 Line_A	TK2	80,808	1052,938	-2301,657	1052,938	-2301,657 N	00 08:12:54	80+808	2,531	2,531
29575 Line_A	TK2	80,863	1049,533	-2292,148	1049,533	-2292,148 N	00 08:12:55	80+863	2,521	2,521
29576 Line_A	TK2	80,919	1049,533	-2292,148	1049,533	-2292,148 N	00 08:12:56	80+919	2,521	2,521
29577 Line_A	TK2	80,975	1046,205	-2283,027	1046,205	-2283,027 N	00 08:12:57	80+975	2,511	2,511
29578 Line_A	TK2	81,030	1042,948	-2274,246	1042,948	-2274,246 N	00 08:12:58	81+030	2,502	2,502
29579 Line_A	TK2	81,086	1042,948	-2274,246	1042,948	-2274,246 N	00 08:12:59	81+086	2,502	2,502
29580 Line_A	TK2	81,141	1040,823	-2268,389	1040,823	-2268,389 N	00 08:13:00	81+141	2,496	2,496
29581 Line_A	TK2	81,197	0,000	0,000	0,000	0,000 N	00 08:13:01	81+197	0,000	0,000

Průběh zkratového proudu SS trakce 3kV, Nezamyslice - Přerov

$$I = f(s)$$

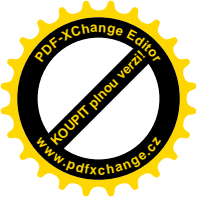




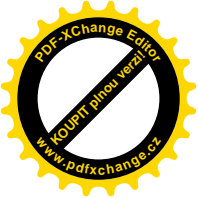
Tabulky zkratového proudu DC trakce 3kV, Nezamyslice - Přerov

	1	Simulation Duration	00 00:00:25
Simulation	001 2024-10-09 10:53:16 2023_045stavbaKojetin-Prerov short circuit	Time Step [s]	1,0
	1		
Network	Prerovka_DC		
	1		
Substation	TNS Rikovice		
	1		
Busbar	OCS_BB		
	884		
Feeder to	Line: Line_A; Track: TK2; km: 86,551; condName: CW		
	All		
Line	All		
	1		
Course	Ex_Ex1_Nezamyslice_Prerov.3		
	All		
Values	All		

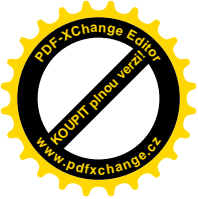
B	B	B	B	D		D		D		B	B	D	D
				I_connector		I_engine							
t [s]	lineID	trackID	s [km]	I_real [A]	I_imag [A]	I_real [A]	I_imag [A]	Failed?	time	s [km]	I_connector [k	I_engine [kA]	
	29161 Line_A	SK4_Nez	61,233	0,000	0,000	0,000	0,000	N	00 08:06:01	61+233	0,000	0,000	
	29162 Line_A	SK4_Nez	61,251	0,000	0,000	0,000	0,000	N	00 08:06:02	61+251	0,000	0,000	
	29163 Line_A	SK4_Nez	61,269	0,000	0,000	0,000	0,000	N	00 08:06:03	61+269	0,000	0,000	
	29164 Line_A	SK4_Nez	61,287	0,000	0,000	0,000	0,000	N	00 08:06:04	61+287	0,000	0,000	
	29165 Line_A	SK4_Nez	61,305	0,000	0,000	0,000	0,000	N	00 08:06:05	61+305	0,000	0,000	
	29166 Line_A	SK4_Nez	61,323	0,000	0,000	0,000	0,000	N	00 08:06:06	61+323	0,000	0,000	
	29167 Line_A	TK2	61,341	0,000	0,000	0,000	0,000	N	00 08:06:07	61+341	0,000	0,000	
	29168 Line_A	TK2	61,359	0,000	0,000	0,000	0,000	N	00 08:06:08	61+359	0,000	0,000	
	29169 Line_A	TK2	61,377	0,000	0,000	0,000	0,000	N	00 08:06:09	61+377	0,000	0,000	
	29170 Line_A	TK2	61,396	0,000	0,000	0,000	0,000	N	00 08:06:10	61+396	0,000	0,000	
	29171 Line_A	TK2	61,414	0,000	0,000	0,000	0,000	N	00 08:06:11	61+414	0,000	0,000	
	29172 Line_A	TK2	61,432	0,000	0,000	0,000	0,000	N	00 08:06:12	61+432	0,000	0,000	
	29173 Line_A	TK2	61,450	0,000	0,000	0,000	0,000	N	00 08:06:13	61+450	0,000	0,000	
	29174 Line_A	TK2	61,468	0,000	0,000	0,000	0,000	N	00 08:06:14	61+468	0,000	0,000	
	29175 Line_A	TK2	61,486	0,000	0,000	0,000	0,000	N	00 08:06:15	61+486	0,000	0,000	
	29176 Line_A	TK2	61,504	0,000	0,000	0,000	0,000	N	00 08:06:16	61+504	0,000	0,000	
	29177 Line_A	TK2	61,522	0,000	0,000	0,000	0,000	N	00 08:06:17	61+522	0,000	0,000	
	29178 Line_A	TK2	61,540	0,000	0,000	0,000	0,000	N	00 08:06:18	61+540	0,000	0,000	
	29179 Line_A	TK2	61,558	0,000	0,000	0,000	0,000	N	00 08:06:19	61+558	0,000	0,000	
	29180 Line_A	TK2	61,577	0,000	0,000	0,000	0,000	N	00 08:06:20	61+577	0,000	0,000	
	29181 Line_A	TK2	61,596	0,000	0,000	0,000	0,000	N	00 08:06:21	61+596	0,000	0,000	
	29182 Line_A	TK2	61,615	0,000	0,000	0,000	0,000	N	00 08:06:22	61+615	0,000	0,000	
	29183 Line_A	TK2	61,634	0,000	0,000	0,000	0,000	N	00 08:06:23	61+634	0,000	0,000	
	29184 Line_A	TK2	61,654	0,000	0,000	0,000	0,000	N	00 08:06:24	61+654	0,000	0,000	
	29185 Line_A	TK2	61,674	0,000	0,000	0,000	0,000	N	00 08:06:25	61+674	0,000	0,000	



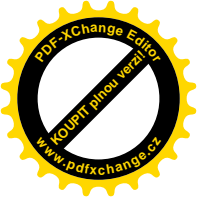
29186 Line_A	TK2	61,695	0,000	0,000	0,000	0,000 N	00 08:06:26	61+695	0,000	0,000
29187 Line_A	TK2	61,716	0,000	0,000	0,000	0,000 N	00 08:06:27	61+716	0,000	0,000
29188 Line_A	TK2	61,737	0,000	0,000	0,000	0,000 N	00 08:06:28	61+737	0,000	0,000
29189 Line_A	TK2	61,758	0,000	0,000	0,000	0,000 N	00 08:06:29	61+758	0,000	0,000
29190 Line_A	TK2	61,780	0,000	0,000	0,000	0,000 N	00 08:06:30	61+780	0,000	0,000
29191 Line_A	TK2	61,802	0,000	0,000	0,000	0,000 N	00 08:06:31	61+802	0,000	0,000
29192 Line_A	TK2	61,825	0,000	0,000	0,000	0,000 N	00 08:06:32	61+825	0,000	0,000
29193 Line_A	TK2	61,848	0,000	0,000	0,000	0,000 N	00 08:06:33	61+848	0,000	0,000
29194 Line_A	TK2	61,871	0,000	0,000	0,000	0,000 N	00 08:06:34	61+871	0,000	0,000
29195 Line_A	TK2	61,894	0,000	0,000	0,000	0,000 N	00 08:06:35	61+894	0,000	0,000
29196 Line_A	TK2	61,918	0,000	0,000	0,000	0,000 N	00 08:06:36	61+918	0,000	0,000
29197 Line_A	TK2	61,942	0,000	0,000	0,000	0,000 N	00 08:06:37	61+942	0,000	0,000
29198 Line_A	TK2	61,966	0,000	0,000	0,000	0,000 N	00 08:06:38	61+966	0,000	0,000
29199 Line_A	TK2	61,991	0,000	0,000	0,000	0,000 N	00 08:06:39	61+991	0,000	0,000
29200 Line_A	TK2	62,016	0,000	0,000	0,000	0,000 N	00 08:06:40	62+016	0,000	0,000
29201 Line_A	TK2	62,041	0,000	0,000	0,000	0,000 N	00 08:06:41	62+041	0,000	0,000
29202 Line_A	TK2	62,066	0,000	0,000	0,000	0,000 N	00 08:06:42	62+066	0,000	0,000
29203 Line_A	TK2	62,092	0,000	0,000	0,000	0,000 N	00 08:06:43	62+092	0,000	0,000
29204 Line_A	TK2	62,118	0,000	0,000	0,000	0,000 N	00 08:06:44	62+118	0,000	0,000
29205 Line_A	TK2	62,145	0,000	0,000	0,000	0,000 N	00 08:06:45	62+145	0,000	0,000
29206 Line_A	TK2	62,171	0,000	0,000	0,000	0,000 N	00 08:06:46	62+171	0,000	0,000
29207 Line_A	TK2	62,198	0,000	0,000	0,000	0,000 N	00 08:06:47	62+198	0,000	0,000
29208 Line_A	TK2	62,226	0,000	0,000	0,000	0,000 N	00 08:06:48	62+226	0,000	0,000
29209 Line_A	TK2	62,253	0,000	0,000	0,000	0,000 N	00 08:06:49	62+253	0,000	0,000
29210 Line_A	TK2	62,281	0,000	0,000	0,000	0,000 N	00 08:06:50	62+281	0,000	0,000
29211 Line_A	TK2	62,310	0,000	0,000	0,000	0,000 N	00 08:06:51	62+310	0,000	0,000
29212 Line_A	TK2	62,338	0,000	0,000	0,000	0,000 N	00 08:06:52	62+338	0,000	0,000
29213 Line_A	TK2	62,367	0,000	0,000	0,000	0,000 N	00 08:06:53	62+367	0,000	0,000
29214 Line_A	TK2	62,396	0,000	0,000	0,000	0,000 N	00 08:06:54	62+396	0,000	0,000
29215 Line_A	TK2	62,426	0,000	0,000	0,000	0,000 N	00 08:06:55	62+426	0,000	0,000
29216 Line_A	TK2	62,455	0,000	0,000	0,000	0,000 N	00 08:06:56	62+455	0,000	0,000
29217 Line_A	TK2	62,486	0,000	0,000	0,000	0,000 N	00 08:06:57	62+486	0,000	0,000
29218 Line_A	TK2	62,516	0,000	0,000	0,000	0,000 N	00 08:06:58	62+516	0,000	0,000
29219 Line_A	TK2	62,547	0,000	0,000	0,000	0,000 N	00 08:06:59	62+547	0,000	0,000
29220 Line_A	TK2	62,578	0,000	0,000	0,000	0,000 N	00 08:07:00	62+578	0,000	0,000
29221 Line_A	TK2	62,609	0,000	0,000	0,000	0,000 N	00 08:07:01	62+609	0,000	0,000
29222 Line_A	TK2	62,640	0,000	0,000	0,000	0,000 N	00 08:07:02	62+640	0,000	0,000
29223 Line_A	TK2	62,672	0,000	0,000	0,000	0,000 N	00 08:07:03	62+672	0,000	0,000
29224 Line_A	TK2	62,704	0,000	0,000	0,000	0,000 N	00 08:07:04	62+704	0,000	0,000
29225 Line_A	TK2	62,737	0,000	0,000	0,000	0,000 N	00 08:07:05	62+737	0,000	0,000
29226 Line_A	TK2	62,770	0,000	0,000	0,000	0,000 N	00 08:07:06	62+770	0,000	0,000
29227 Line_A	TK2	62,803	0,000	0,000	0,000	0,000 N	00 08:07:07	62+803	0,000	0,000
29228 Line_A	TK2	62,836	0,000	0,000	0,000	0,000 N	00 08:07:08	62+836	0,000	0,000
29229 Line_A	TK2	62,869	0,000	0,000	0,000	0,000 N	00 08:07:09	62+869	0,000	0,000
29230 Line_A	TK2	62,903	0,000	0,000	0,000	0,000 N	00 08:07:10	62+903	0,000	0,000
29231 Line_A	TK2	62,938	0,000	0,000	0,000	0,000 N	00 08:07:11	62+938	0,000	0,000
29232 Line_A	TK2	62,972	0,000	0,000	0,000	0,000 N	00 08:07:12	62+972	0,000	0,000
29233 Line_A	TK2	63,007	0,000	0,000	0,000	0,000 N	00 08:07:13	63+007	0,000	0,000
29234 Line_A	TK2	63,042	0,000	0,000	0,000	0,000 N	00 08:07:14	63+042	0,000	0,000
29235 Line_A	TK2	63,077	0,000	0,000	0,000	0,000 N	00 08:07:15	63+077	0,000	0,000
29236 Line_A	TK2	63,112	0,000	0,000	0,000	0,000 N	00 08:07:16	63+112	0,000	0,000
29237 Line_A	TK2	63,148	0,000	0,000	0,000	0,000 N	00 08:07:17	63+148	0,000	0,000



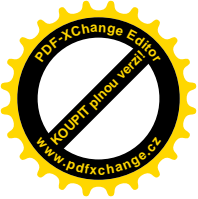
29238 Line_A	TK2	63,184	0,000	0,000	0,000	0,000 N	00 08:07:18	63+184	0,000	0,000
29239 Line_A	TK2	63,220	0,000	0,000	0,000	0,000 N	00 08:07:19	63+220	0,000	0,000
29240 Line_A	TK2	63,256	0,000	0,000	0,000	0,000 N	00 08:07:20	63+256	0,000	0,000
29241 Line_A	TK2	63,293	0,000	0,000	0,000	0,000 N	00 08:07:21	63+293	0,000	0,000
29242 Line_A	TK2	63,330	0,000	0,000	0,000	0,000 N	00 08:07:22	63+330	0,000	0,000
29243 Line_A	TK2	63,366	0,000	0,000	0,000	0,000 N	00 08:07:23	63+366	0,000	0,000
29244 Line_A	TK2	63,404	0,000	0,000	0,000	0,000 N	00 08:07:24	63+404	0,000	0,000
29245 Line_A	TK2	63,441	0,000	0,000	0,000	0,000 N	00 08:07:25	63+441	0,000	0,000
29246 Line_A	TK2	63,479	0,000	0,000	0,000	0,000 N	00 08:07:26	63+479	0,000	0,000
29247 Line_A	TK2	63,516	0,000	0,000	0,000	0,000 N	00 08:07:27	63+516	0,000	0,000
29248 Line_A	TK2	63,554	0,000	0,000	0,000	0,000 N	00 08:07:28	63+554	0,000	0,000
29249 Line_A	TK2	63,592	0,000	0,000	0,000	0,000 N	00 08:07:29	63+592	0,000	0,000
29250 Line_A	TK2	63,631	0,000	0,000	0,000	0,000 N	00 08:07:30	63+631	0,000	0,000
29251 Line_A	TK2	63,669	0,000	0,000	0,000	0,000 N	00 08:07:31	63+669	0,000	0,000
29252 Line_A	TK2	63,708	0,000	0,000	0,000	0,000 N	00 08:07:32	63+708	0,000	0,000
29253 Line_A	TK2	63,747	0,000	0,000	0,000	0,000 N	00 08:07:33	63+747	0,000	0,000
29254 Line_A	TK2	63,786	0,000	0,000	0,000	0,000 N	00 08:07:34	63+786	0,000	0,000
29255 Line_A	TK2	63,825	0,000	0,000	0,000	0,000 N	00 08:07:35	63+825	0,000	0,000
29256 Line_A	TK2	63,865	0,000	0,000	0,000	0,000 N	00 08:07:36	63+865	0,000	0,000
29257 Line_A	TK2	63,904	0,000	0,000	0,000	0,000 N	00 08:07:37	63+904	0,000	0,000
29258 Line_A	TK2	63,944	0,000	0,000	0,000	0,000 N	00 08:07:38	63+944	0,000	0,000
29259 Line_A	TK2	63,984	0,000	0,000	0,000	0,000 N	00 08:07:39	63+984	0,000	0,000
29260 Line_A	TK2	64,024	0,000	0,000	0,000	0,000 N	00 08:07:40	64+024	0,000	0,000
29261 Line_A	TK2	64,065	0,000	0,000	0,000	0,000 N	00 08:07:41	64+065	0,000	0,000
29262 Line_A	TK2	64,105	0,000	0,000	0,000	0,000 N	00 08:07:42	64+105	0,000	0,000
29263 Line_A	TK2	64,146	0,000	0,000	0,000	0,000 N	00 08:07:43	64+146	0,000	0,000
29264 Line_A	TK2	64,187	0,000	0,000	0,000	0,000 N	00 08:07:44	64+187	0,000	0,000
29265 Line_A	TK2	64,228	0,000	0,000	0,000	0,000 N	00 08:07:45	64+228	0,000	0,000
29266 Line_A	TK2	64,269	0,000	0,000	0,000	0,000 N	00 08:07:46	64+269	0,000	0,000
29267 Line_A	TK2	64,311	0,000	0,000	0,000	0,000 N	00 08:07:47	64+311	0,000	0,000
29268 Line_A	TK2	64,352	0,000	0,000	0,000	0,000 N	00 08:07:48	64+352	0,000	0,000
29269 Line_A	TK2	64,394	0,000	0,000	0,000	0,000 N	00 08:07:49	64+394	0,000	0,000
29270 Line_A	TK2	64,436	0,000	0,000	0,000	0,000 N	00 08:07:50	64+436	0,000	0,000
29271 Line_A	TK2	64,478	0,000	0,000	0,000	0,000 N	00 08:07:51	64+478	0,000	0,000
29272 Line_A	TK2	64,520	0,000	0,000	0,000	0,000 N	00 08:07:52	64+520	0,000	0,000
29273 Line_A	TK2	64,563	0,000	0,000	0,000	0,000 N	00 08:07:53	64+563	0,000	0,000
29274 Line_A	TK2	64,606	0,000	0,000	0,000	0,000 N	00 08:07:54	64+606	0,000	0,000
29275 Line_A	TK2	64,649	0,000	0,000	0,000	0,000 N	00 08:07:55	64+649	0,000	0,000
29276 Line_A	TK2	64,693	0,000	0,000	0,000	0,000 N	00 08:07:56	64+693	0,000	0,000
29277 Line_A	TK2	64,736	0,000	0,000	0,000	0,000 N	00 08:07:57	64+736	0,000	0,000
29278 Line_A	TK2	64,780	0,000	0,000	0,000	0,000 N	00 08:07:58	64+780	0,000	0,000
29279 Line_A	TK2	64,824	0,000	0,000	0,000	0,000 N	00 08:07:59	64+824	0,000	0,000
29280 Line_A	TK2	64,869	0,000	0,000	0,000	0,000 N	00 08:08:00	64+869	0,000	0,000
29281 Line_A	TK2	64,913	0,000	0,000	0,000	0,000 N	00 08:08:01	64+913	0,000	0,000
29282 Line_A	TK2	64,958	0,000	0,000	0,000	0,000 N	00 08:08:02	64+958	0,000	0,000
29283 Line_A	TK2	65,003	0,000	0,000	0,000	0,000 N	00 08:08:03	65+003	0,000	0,000
29284 Line_A	TK2	65,048	0,000	0,000	0,000	0,000 N	00 08:08:04	65+048	0,000	0,000
29285 Line_A	TK2	65,094	0,000	0,000	0,000	0,000 N	00 08:08:05	65+094	0,000	0,000
29286 Line_A	TK2	65,140	0,000	0,000	0,000	0,000 N	00 08:08:06	65+140	0,000	0,000
29287 Line_A	TK2	65,185	0,000	0,000	0,000	0,000 N	00 08:08:07	65+185	0,000	0,000
29288 Line_A	TK2	65,232	0,000	0,000	0,000	0,000 N	00 08:08:08	65+232	0,000	0,000
29289 Line_A	TK2	65,278	0,000	0,000	0,000	0,000 N	00 08:08:09	65+278	0,000	0,000



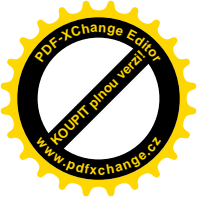
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29291 Line_A	TK2	65,371	0,000	0,000	0,000	0,000 N	00 08:08:11	65+371	0,000	0,000
29292 Line_A	TK2	65,418	0,000	0,000	0,000	0,000 N	00 08:08:12	65+418	0,000	0,000
29293 Line_A	TK2	65,464	0,000	0,000	0,000	0,000 N	00 08:08:13	65+464	0,000	0,000
29294 Line_A	TK2	65,511	0,000	0,000	0,000	0,000 N	00 08:08:14	65+511	0,000	0,000
29295 Line_A	TK2	65,558	0,000	0,000	0,000	0,000 N	00 08:08:15	65+558	0,000	0,000
29296 Line_A	TK2	65,605	0,000	0,000	0,000	0,000 N	00 08:08:16	65+605	0,000	0,000
29297 Line_A	TK2	65,652	0,000	0,000	0,000	0,000 N	00 08:08:17	65+652	0,000	0,000
29298 Line_A	TK2	65,699	0,000	0,000	0,000	0,000 N	00 08:08:18	65+699	0,000	0,000
29299 Line_A	TK2	65,746	0,000	0,000	0,000	0,000 N	00 08:08:19	65+746	0,000	0,000
29300 Line_A	TK2	65,794	0,000	0,000	0,000	0,000 N	00 08:08:20	65+794	0,000	0,000
29301 Line_A	TK2	65,841	0,000	0,000	0,000	0,000 N	00 08:08:21	65+841	0,000	0,000
29302 Line_A	TK2	65,888	0,000	0,000	0,000	0,000 N	00 08:08:22	65+888	0,000	0,000
29303 Line_A	TK2	65,936	0,000	0,000	0,000	0,000 N	00 08:08:23	65+936	0,000	0,000
29304 Line_A	TK2	65,983	0,000	0,000	0,000	0,000 N	00 08:08:24	65+983	0,000	0,000
29305 Line_A	TK2	66,031	0,000	0,000	0,000	0,000 N	00 08:08:25	66+031	0,000	0,000
29306 Line_A	TK2	66,078	0,000	0,000	0,000	0,000 N	00 08:08:26	66+078	0,000	0,000
29307 Line_A	TK2	66,126	0,000	0,000	0,000	0,000 N	00 08:08:27	66+126	0,000	0,000
29308 Line_A	TK2	66,174	0,000	0,000	0,000	0,000 N	00 08:08:28	66+174	0,000	0,000
29309 Line_A	TK2	66,222	0,000	0,000	0,000	0,000 N	00 08:08:29	66+222	0,000	0,000
29310 Line_A	TK2	66,270	0,000	0,000	0,000	0,000 N	00 08:08:30	66+270	0,000	0,000
29311 Line_A	TK2	66,319	0,000	0,000	0,000	0,000 N	00 08:08:31	66+319	0,000	0,000
29312 Line_A	TK2	66,367	0,000	0,000	0,000	0,000 N	00 08:08:32	66+367	0,000	0,000
29313 Line_A	TK2	66,416	0,000	0,000	0,000	0,000 N	00 08:08:33	66+416	0,000	0,000
29314 Line_A	TK2	66,465	0,000	0,000	0,000	0,000 N	00 08:08:34	66+465	0,000	0,000
29315 Line_A	TK2	66,515	0,000	0,000	0,000	0,000 N	00 08:08:35	66+515	0,000	0,000
29316 Line_A	TK2	66,564	0,000	0,000	0,000	0,000 N	00 08:08:36	66+564	0,000	0,000
29317 Line_A	TK2	66,614	0,000	0,000	0,000	0,000 N	00 08:08:37	66+614	0,000	0,000
29318 Line_A	TK2	66,664	0,000	0,000	0,000	0,000 N	00 08:08:38	66+664	0,000	0,000
29319 Line_A	TK2	66,714	0,000	0,000	0,000	0,000 N	00 08:08:39	66+714	0,000	0,000
29320 Line_A	TK2	66,765	0,000	0,000	0,000	0,000 N	00 08:08:40	66+765	0,000	0,000
29321 Line_A	TK2	66,816	0,000	0,000	0,000	0,000 N	00 08:08:41	66+816	0,000	0,000
29322 Line_A	TK2	66,867	0,000	0,000	0,000	0,000 N	00 08:08:42	66+867	0,000	0,000
29323 Line_A	TK2	66,918	0,000	0,000	0,000	0,000 N	00 08:08:43	66+918	0,000	0,000
29324 Line_A	TK2	66,969	0,000	0,000	0,000	0,000 N	00 08:08:44	66+969	0,000	0,000
29325 Line_A	TK2	67,021	0,000	0,000	0,000	0,000 N	00 08:08:45	67+021	0,000	0,000
29326 Line_A	TK2	67,073	0,000	0,000	0,000	0,000 N	00 08:08:46	67+073	0,000	0,000
29327 Line_A	TK2	67,125	0,000	0,000	0,000	0,000 N	00 08:08:47	67+125	0,000	0,000
29328 Line_A	TK2	67,177	0,000	0,000	0,000	0,000 N	00 08:08:48	67+177	0,000	0,000
29329 Line_A	TK2	67,230	0,000	0,000	0,000	0,000 N	00 08:08:49	67+230	0,000	0,000
29330 Line_A	TK2	67,282	0,000	0,000	0,000	0,000 N	00 08:08:50	67+282	0,000	0,000
29331 Line_A	TK2	67,335	0,000	0,000	0,000	0,000 N	00 08:08:51	67+335	0,000	0,000
29332 Line_A	TK2	67,388	0,000	0,000	0,000	0,000 N	00 08:08:52	67+388	0,000	0,000
29333 Line_A	TK2	67,442	0,000	0,000	0,000	0,000 N	00 08:08:53	67+442	0,000	0,000
29334 Line_A	TK2	67,495	0,000	0,000	0,000	0,000 N	00 08:08:54	67+495	0,000	0,000
29335 Line_A	TK2	67,548	0,000	0,000	0,000	0,000 N	00 08:08:55	67+548	0,000	0,000
29336 Line_A	TK2	67,602	0,000	0,000	0,000	0,000 N	00 08:08:56	67+602	0,000	0,000
29337 Line_A	TK2	67,656	0,000	0,000	0,000	0,000 N	00 08:08:57	67+656	0,000	0,000
29338 Line_A	TK2	67,710	0,000	0,000	0,000	0,000 N	00 08:08:58	67+710	0,000	0,000
29339 Line_A	TK2	67,764	0,000	0,000	0,000	0,000 N	00 08:08:59	67+764	0,000	0,000
29340 Line_A	TK2	67,818	0,000	0,000	0,000	0,000 N	00 08:09:00	67+818	0,000	0,000
29341 Line_A	TK2	67,872	0,000	0,000	0,000	0,000 N	00 08:09:01	67+872	0,000	0,000



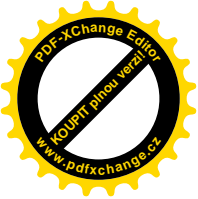
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29343 Line_A	TK2	67,980	0,000	0,000	0,000	0,000 N	00 08:09:03	67+980	0,000	0,000
29344 Line_A	TK2	68,035	0,000	0,000	0,000	0,000 N	00 08:09:04	68+035	0,000	0,000
29345 Line_A	TK2	68,089	0,000	0,000	0,000	0,000 N	00 08:09:05	68+089	0,000	0,000
29346 Line_A	TK2	68,144	0,000	0,000	0,000	0,000 N	00 08:09:06	68+144	0,000	0,000
29347 Line_A	TK2	68,199	0,000	0,000	0,000	0,000 N	00 08:09:07	68+199	0,000	0,000
29348 Line_A	TK2	68,254	0,000	0,000	0,000	0,000 N	00 08:09:08	68+254	0,000	0,000
29349 Line_A	TK2	68,309	0,000	0,000	0,000	0,000 N	00 08:09:09	68+309	0,000	0,000
29350 Line_A	TK2	68,364	0,000	0,000	0,000	0,000 N	00 08:09:10	68+364	0,000	0,000
29351 Line_A	TK2	68,419	0,000	0,000	0,000	0,000 N	00 08:09:11	68+419	0,000	0,000
29352 Line_A	TK2	68,475	0,000	0,000	0,000	0,000 N	00 08:09:12	68+475	0,000	0,000
29353 Line_A	TK2	68,530	0,000	0,000	0,000	0,000 N	00 08:09:13	68+530	0,000	0,000
29354 Line_A	TK2	68,586	0,000	0,000	0,000	0,000 N	00 08:09:14	68+586	0,000	0,000
29355 Line_A	TK2	68,641	0,000	0,000	0,000	0,000 N	00 08:09:15	68+641	0,000	0,000
29356 Line_A	TK2	68,697	0,000	0,000	0,000	0,000 N	00 08:09:16	68+697	0,000	0,000
29357 Line_A	TK2	68,752	0,000	0,000	0,000	0,000 N	00 08:09:17	68+752	0,000	0,000
29358 Line_A	TK2	68,808	0,000	0,000	0,000	0,000 N	00 08:09:18	68+808	0,000	0,000
29359 Line_A	TK2	68,863	0,000	0,000	0,000	0,000 N	00 08:09:19	68+863	0,000	0,000
29360 Line_A	TK2	68,919	0,000	0,000	0,000	0,000 N	00 08:09:20	68+919	0,000	0,000
29361 Line_A	TK2	68,975	0,000	0,000	0,000	0,000 N	00 08:09:21	68+975	0,000	0,000
29362 Line_A	TK2	69,030	0,000	0,000	0,000	0,000 N	00 08:09:22	69+030	0,000	0,000
29363 Line_A	TK2	69,086	0,000	0,000	0,000	0,000 N	00 08:09:23	69+086	0,000	0,000
29364 Line_A	TK2	69,141	0,000	0,000	0,000	0,000 N	00 08:09:24	69+141	0,000	0,000
29365 Line_A	TK2	69,197	0,000	0,000	0,000	0,000 N	00 08:09:25	69+197	0,000	0,000
29366 Line_A	TK2	69,252	0,000	0,000	0,000	0,000 N	00 08:09:26	69+252	0,000	0,000
29367 Line_A	TK2	69,308	0,000	0,000	0,000	0,000 N	00 08:09:27	69+308	0,000	0,000
29368 Line_A	TK2	69,363	0,000	0,000	0,000	0,000 N	00 08:09:28	69+363	0,000	0,000
29369 Line_A	TK2	69,419	0,000	0,000	0,000	0,000 N	00 08:09:29	69+419	0,000	0,000
29370 Line_A	TK2	69,475	0,000	0,000	0,000	0,000 N	00 08:09:30	69+475	0,000	0,000
29371 Line_A	TK2	69,530	0,000	0,000	0,000	0,000 N	00 08:09:31	69+530	0,000	0,000
29372 Line_A	TK2	69,586	0,000	0,000	0,000	0,000 N	00 08:09:32	69+586	0,000	0,000
29373 Line_A	TK2	69,641	0,000	0,000	0,000	0,000 N	00 08:09:33	69+641	0,000	0,000
29374 Line_A	TK2	69,697	0,000	0,000	0,000	0,000 N	00 08:09:34	69+697	0,000	0,000
29375 Line_A	TK2	69,752	0,000	0,000	0,000	0,000 N	00 08:09:35	69+752	0,000	0,000
29376 Line_A	TK2	69,808	0,000	0,000	0,000	0,000 N	00 08:09:36	69+808	0,000	0,000
29377 Line_A	TK2	69,863	0,000	0,000	0,000	0,000 N	00 08:09:37	69+863	0,000	0,000
29378 Line_A	TK2	69,919	0,000	0,000	0,000	0,000 N	00 08:09:38	69+919	0,000	0,000
29379 Line_A	TK2	69,975	0,000	0,000	0,000	0,000 N	00 08:09:39	69+975	0,000	0,000
29380 Line_A	TK2	70,030	0,000	0,000	0,000	0,000 N	00 08:09:40	70+030	0,000	0,000
29381 Line_A	TK2	70,086	0,000	0,000	0,000	0,000 N	00 08:09:41	70+086	0,000	0,000
29382 Line_A	TK2	70,141	0,000	0,000	0,000	0,000 N	00 08:09:42	70+141	0,000	0,000
29383 Line_A	TK2	70,197	0,000	0,000	0,000	0,000 N	00 08:09:43	70+197	0,000	0,000
29384 Line_A	TK2	70,252	0,000	0,000	0,000	0,000 N	00 08:09:44	70+252	0,000	0,000
29385 Line_A	TK2	70,308	0,000	0,000	0,000	0,000 N	00 08:09:45	70+308	0,000	0,000
29386 Line_A	TK2	70,363	0,000	0,000	0,000	0,000 N	00 08:09:46	70+363	0,000	0,000
29387 Line_A	TK2	70,419	0,000	0,000	0,000	0,000 N	00 08:09:47	70+419	0,000	0,000
29388 Line_A	TK2	70,475	0,000	0,000	0,000	0,000 N	00 08:09:48	70+475	0,000	0,000
29389 Line_A	TK2	70,530	0,000	0,000	0,000	0,000 N	00 08:09:49	70+530	0,000	0,000
29390 Line_A	TK2	70,586	0,000	0,000	0,000	0,000 N	00 08:09:50	70+586	0,000	0,000
29391 Line_A	TK2	70,641	0,000	0,000	0,000	0,000 N	00 08:09:51	70+641	0,000	0,000
29392 Line_A	TK2	70,697	0,000	0,000	0,000	0,000 N	00 08:09:52	70+697	0,000	0,000
29393 Line_A	TK2	70,752	0,000	0,000	0,000	0,000 N	00 08:09:53	70+752	0,000	0,000



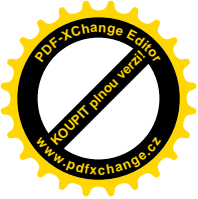
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29395 Line_A	TK2	70,863	0,000	0,000	0,000	0,000 N	00 08:09:55	70+863	0,000	0,000
29396 Line_A	TK2	70,919	0,000	0,000	0,000	0,000 N	00 08:09:56	70+919	0,000	0,000
29397 Line_A	TK2	70,975	0,000	0,000	0,000	0,000 N	00 08:09:57	70+975	0,000	0,000
29398 Line_A	TK2	71,030	0,000	0,000	0,000	0,000 N	00 08:09:58	71+030	0,000	0,000
29399 Line_A	TK2	71,086	0,000	0,000	0,000	0,000 N	00 08:09:59	71+086	0,000	0,000
29400 Line_A	TK2	71,141	0,000	0,000	0,000	0,000 N	00 08:10:00	71+141	0,000	0,000
29401 Line_A	TK2	71,197	0,000	0,000	0,000	0,000 N	00 08:10:01	71+197	0,000	0,000
29402 Line_A	TK2	71,252	0,000	0,000	0,000	0,000 N	00 08:10:02	71+252	0,000	0,000
29403 Line_A	TK2	71,308	0,000	0,000	0,000	0,000 N	00 08:10:03	71+308	0,000	0,000
29404 Line_A	TK2	71,363	0,000	0,000	0,000	0,000 N	00 08:10:04	71+363	0,000	0,000
29405 Line_A	TK2	71,419	0,000	0,000	0,000	0,000 N	00 08:10:05	71+419	0,000	0,000
29406 Line_A	TK2	71,475	0,000	0,000	0,000	0,000 N	00 08:10:06	71+475	0,000	0,000
29407 Line_A	TK2	71,530	0,000	0,000	0,000	0,000 N	00 08:10:07	71+530	0,000	0,000
29408 Line_A	TK2	71,586	0,000	0,000	0,000	0,000 N	00 08:10:08	71+586	0,000	0,000
29409 Line_A	TK2	71,641	0,000	0,000	0,000	0,000 N	00 08:10:09	71+641	0,000	0,000
29410 Line_A	TK2	71,697	0,000	0,000	0,000	0,000 N	00 08:10:10	71+697	0,000	0,000
29411 Line_A	TK2	71,752	0,000	0,000	0,000	0,000 N	00 08:10:11	71+752	0,000	0,000
29412 Line_A	TK2	71,808	0,000	0,000	0,000	0,000 N	00 08:10:12	71+808	0,000	0,000
29413 Line_A	TK2	71,863	0,000	0,000	0,000	0,000 N	00 08:10:13	71+863	0,000	0,000
29414 Line_A	TK2	71,919	0,000	0,000	0,000	0,000 N	00 08:10:14	71+919	0,000	0,000
29415 Line_A	TK2	71,975	0,000	0,000	0,000	0,000 N	00 08:10:15	71+975	0,000	0,000
29416 Line_A	TK2	72,030	0,000	0,000	0,000	0,000 N	00 08:10:16	72+030	0,000	0,000
29417 Line_A	TK2	72,086	0,000	0,000	0,000	0,000 N	00 08:10:17	72+086	0,000	0,000
29418 Line_A	TK2	72,141	0,000	0,000	0,000	0,000 N	00 08:10:18	72+141	0,000	0,000
29419 Line_A	TK2	72,197	0,000	0,000	0,000	0,000 N	00 08:10:19	72+197	0,000	0,000
29420 Line_A	TK2	72,252	0,000	0,000	0,000	0,000 N	00 08:10:20	72+252	0,000	0,000
29421 Line_A	TK2	72,308	0,000	0,000	0,000	0,000 N	00 08:10:21	72+308	0,000	0,000
29422 Line_A	TK2	72,363	0,000	0,000	0,000	0,000 N	00 08:10:22	72+363	0,000	0,000
29423 Line_A	TK2	72,419	0,000	0,000	0,000	0,000 N	00 08:10:23	72+419	0,000	0,000
29424 Line_A	TK2	72,475	0,000	0,000	0,000	0,000 N	00 08:10:24	72+475	0,000	0,000
29425 Line_A	TK2	72,530	0,000	0,000	0,000	0,000 N	00 08:10:25	72+530	0,000	0,000
29426 Line_A	TK2	72,586	0,000	0,000	0,000	0,000 N	00 08:10:26	72+586	0,000	0,000
29427 Line_A	TK2	72,641	0,000	0,000	0,000	0,000 N	00 08:10:27	72+641	0,000	0,000
29428 Line_A	TK2	72,697	0,000	0,000	0,000	0,000 N	00 08:10:28	72+697	0,000	0,000
29429 Line_A	TK2	72,752	0,000	0,000	0,000	0,000 N	00 08:10:29	72+752	0,000	0,000
29430 Line_A	TK2	72,808	0,000	0,000	0,000	0,000 N	00 08:10:30	72+808	0,000	0,000
29431 Line_A	TK2	72,863	0,000	0,000	0,000	0,000 N	00 08:10:31	72+863	0,000	0,000
29432 Line_A	TK2	72,919	0,000	0,000	0,000	0,000 N	00 08:10:32	72+919	0,000	0,000
29433 Line_A	TK2	72,975	0,000	0,000	0,000	0,000 N	00 08:10:33	72+975	0,000	0,000
29434 Line_A	TK2	73,030	0,000	0,000	0,000	0,000 N	00 08:10:34	73+030	0,000	0,000
29435 Line_A	TK2	73,086	0,000	0,000	0,000	0,000 N	00 08:10:35	73+086	0,000	0,000
29436 Line_A	TK2	73,141	0,000	0,000	0,000	0,000 N	00 08:10:36	73+141	0,000	0,000
29437 Line_A	TK2	73,197	0,000	0,000	0,000	0,000 N	00 08:10:37	73+197	0,000	0,000
29438 Line_A	TK2	73,252	0,000	0,000	0,000	0,000 N	00 08:10:38	73+252	0,000	0,000
29439 Line_A	TK2	73,308	0,000	0,000	0,000	0,000 N	00 08:10:39	73+308	0,000	0,000
29440 Line_A	TK2	73,363	0,000	0,000	0,000	0,000 N	00 08:10:40	73+363	0,000	0,000
29441 Line_A	TK2	73,419	0,000	0,000	0,000	0,000 N	00 08:10:41	73+419	0,000	0,000
29442 Line_A	TK2	73,475	0,000	0,000	0,000	0,000 N	00 08:10:42	73+475	0,000	0,000
29443 Line_A	TK2	73,530	0,000	0,000	0,000	0,000 N	00 08:10:43	73+530	0,000	0,000
29444 Line_A	TK2	73,586	0,000	0,000	0,000	0,000 N	00 08:10:44	73+586	0,000	0,000
29445 Line_A	TK2	73,641	0,000	0,000	0,000	0,000 N	00 08:10:45	73+641	0,000	0,000



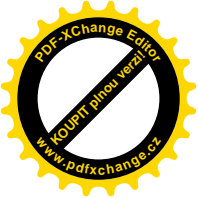
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29447 Line_A	TK2	73,752	0,000	0,000	0,000	0,000 N	00 08:10:47	73+752	0,000	0,000
29448 Line_A	TK2	73,808	0,000	0,000	0,000	0,000 N	00 08:10:48	73+808	0,000	0,000
29449 Line_A	TK2	73,863	0,000	0,000	0,000	0,000 N	00 08:10:49	73+863	0,000	0,000
29450 Line_A	TK2	73,919	0,000	0,000	0,000	0,000 N	00 08:10:50	73+919	0,000	0,000
29451 Line_A	TK2	73,975	0,000	0,000	0,000	0,000 N	00 08:10:51	73+975	0,000	0,000
29452 Line_A	TK2	74,030	0,000	0,000	0,000	0,000 N	00 08:10:52	74+030	0,000	0,000
29453 Line_A	TK2	74,086	0,000	0,000	0,000	0,000 N	00 08:10:53	74+086	0,000	0,000
29454 Line_A	TK2	74,141	0,000	0,000	0,000	0,000 N	00 08:10:54	74+141	0,000	0,000
29455 Line_A	TK2	74,197	0,000	0,000	0,000	0,000 N	00 08:10:55	74+197	0,000	0,000
29456 Line_A	TK2	74,252	0,000	0,000	0,000	0,000 N	00 08:10:56	74+252	0,000	0,000
29457 Line_A	TK2	74,308	0,000	0,000	0,000	0,000 N	00 08:10:57	74+308	0,000	0,000
29458 Line_A	TK2	74,363	0,000	0,000	0,000	0,000 N	00 08:10:58	74+363	0,000	0,000
29459 Line_A	TK2	74,419	0,000	0,000	0,000	0,000 N	00 08:10:59	74+419	0,000	0,000
29460 Line_A	TK2	74,475	0,000	0,000	0,000	0,000 N	00 08:11:00	74+475	0,000	0,000
29461 Line_A	TK2	74,530	0,000	0,000	0,000	0,000 N	00 08:11:01	74+530	0,000	0,000
29462 Line_A	TK2	74,586	0,000	0,000	0,000	0,000 N	00 08:11:02	74+586	0,000	0,000
29463 Line_A	TK2	74,641	0,000	0,000	0,000	0,000 N	00 08:11:03	74+641	0,000	0,000
29464 Line_A	TK2	74,697	0,000	0,000	0,000	0,000 N	00 08:11:04	74+697	0,000	0,000
29465 Line_A	TK2	74,752	0,000	0,000	0,000	0,000 N	00 08:11:05	74+752	0,000	0,000
29466 Line_A	TK2	74,808	0,000	0,000	0,000	0,000 N	00 08:11:06	74+808	0,000	0,000
29467 Line_A	TK2	74,863	0,000	0,000	0,000	0,000 N	00 08:11:07	74+863	0,000	0,000
29468 Line_A	TK2	74,919	0,000	0,000	0,000	0,000 N	00 08:11:08	74+919	0,000	0,000
29469 Line_A	TK2	74,975	0,000	0,000	0,000	0,000 N	00 08:11:09	74+975	0,000	0,000
29470 Line_A	TK2	75,030	0,000	0,000	0,000	0,000 N	00 08:11:10	75+030	0,000	0,000
29471 Line_A	TK2	75,086	0,000	0,000	0,000	0,000 N	00 08:11:11	75+086	0,000	0,000
29472 Line_A	TK2	75,141	0,000	0,000	0,000	0,000 N	00 08:11:12	75+141	0,000	0,000
29473 Line_A	TK2	75,197	0,000	0,000	0,000	0,000 N	00 08:11:13	75+197	0,000	0,000
29474 Line_A	TK2	75,252	0,000	0,000	0,000	0,000 N	00 08:11:14	75+252	0,000	0,000
29475 Line_A	TK2	75,308	0,000	0,000	0,000	0,000 N	00 08:11:15	75+308	0,000	0,000
29476 Line_A	TK2	75,363	0,000	0,000	0,000	0,000 N	00 08:11:16	75+363	0,000	0,000
29477 Line_A	TK2	75,419	0,000	0,000	0,000	0,000 N	00 08:11:17	75+419	0,000	0,000
29478 Line_A	TK2	75,475	0,000	0,000	0,000	0,000 N	00 08:11:18	75+475	0,000	0,000
29479 Line_A	TK2	75,530	0,000	0,000	0,000	0,000 N	00 08:11:19	75+530	0,000	0,000
29480 Line_A	TK2	75,586	0,000	0,000	0,000	0,000 N	00 08:11:20	75+586	0,000	0,000
29481 Line_A	TK2	75,641	0,000	0,000	0,000	0,000 N	00 08:11:21	75+641	0,000	0,000
29482 Line_A	TK2	75,697	0,000	0,000	0,000	0,000 N	00 08:11:22	75+697	0,000	0,000
29483 Line_A	TK2	75,752	0,000	0,000	0,000	0,000 N	00 08:11:23	75+752	0,000	0,000
29484 Line_A	TK2	75,808	0,000	0,000	0,000	0,000 N	00 08:11:24	75+808	0,000	0,000
29485 Line_A	TK2	75,863	0,000	0,000	0,000	0,000 N	00 08:11:25	75+863	0,000	0,000
29486 Line_A	TK2	75,919	0,000	0,000	0,000	0,000 N	00 08:11:26	75+919	0,000	0,000
29487 Line_A	TK2	75,975	0,000	0,000	0,000	0,000 N	00 08:11:27	75+975	0,000	0,000
29488 Line_A	TK2	76,030	0,000	0,000	0,000	0,000 N	00 08:11:28	76+030	0,000	0,000
29489 Line_A	TK2	76,086	0,000	0,000	0,000	0,000 N	00 08:11:29	76+086	0,000	0,000
29490 Line_A	TK2	76,141	0,000	0,000	0,000	0,000 N	00 08:11:30	76+141	0,000	0,000
29491 Line_A	TK2	76,197	0,000	0,000	0,000	0,000 N	00 08:11:31	76+197	0,000	0,000
29492 Line_A	TK2	76,252	0,000	0,000	0,000	0,000 N	00 08:11:32	76+252	0,000	0,000
29493 Line_A	TK2	76,308	0,000	0,000	0,000	0,000 N	00 08:11:33	76+308	0,000	0,000
29494 Line_A	TK2	76,363	0,000	0,000	0,000	0,000 N	00 08:11:34	76+363	0,000	0,000
29495 Line_A	TK2	76,419	0,000	0,000	0,000	0,000 N	00 08:11:35	76+419	0,000	0,000
29496 Line_A	TK2	76,475	0,000	0,000	0,000	0,000 N	00 08:11:36	76+475	0,000	0,000
29497 Line_A	TK2	76,530	0,000	0,000	0,000	0,000 N	00 08:11:37	76+530	0,000	0,000



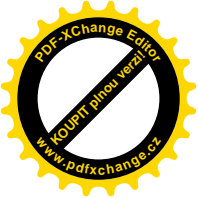
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29499 Line_A	TK2	76,641	0,000	0,000	0,000	0,000 N	00 08:11:39	76+641	0,000	0,000
29500 Line_A	TK2	76,697	0,000	0,000	0,000	0,000 N	00 08:11:40	76+697	0,000	0,000
29501 Line_A	TK2	76,752	0,000	0,000	0,000	0,000 N	00 08:11:41	76+752	0,000	0,000
29502 Line_A	TK2	76,808	0,000	0,000	0,000	0,000 N	00 08:11:42	76+808	0,000	0,000
29503 Line_A	TK2	76,863	0,000	0,000	0,000	0,000 N	00 08:11:43	76+863	0,000	0,000
29504 Line_A	TK2	76,919	0,000	0,000	0,000	0,000 N	00 08:11:44	76+919	0,000	0,000
29505 Line_A	TK2	76,975	0,000	0,000	0,000	0,000 N	00 08:11:45	76+975	0,000	0,000
29506 Line_A	TK2	77,030	0,000	0,000	0,000	0,000 N	00 08:11:46	77+030	0,000	0,000
29507 Line_A	TK2	77,086	0,000	0,000	0,000	0,000 N	00 08:11:47	77+086	0,000	0,000
29508 Line_A	TK2	77,141	0,000	0,000	0,000	0,000 N	00 08:11:48	77+141	0,000	0,000
29509 Line_A	TK2	77,197	0,000	0,000	0,000	0,000 N	00 08:11:49	77+197	0,000	0,000
29510 Line_A	TK2	77,252	0,000	0,000	0,000	0,000 N	00 08:11:50	77+252	0,000	0,000
29511 Line_A	TK2	77,308	0,000	0,000	0,000	0,000 N	00 08:11:51	77+308	0,000	0,000
29512 Line_A	TK2	77,363	0,000	0,000	0,000	0,000 N	00 08:11:52	77+363	0,000	0,000
29513 Line_A	TK2	77,419	0,000	0,000	0,000	0,000 N	00 08:11:53	77+419	0,000	0,000
29514 Line_A	TK2	77,475	0,000	0,000	0,000	0,000 N	00 08:11:54	77+475	0,000	0,000
29515 Line_A	TK2	77,530	0,000	0,000	0,000	0,000 N	00 08:11:55	77+530	0,000	0,000
29516 Line_A	TK2	77,586	0,000	0,000	0,000	0,000 N	00 08:11:56	77+586	0,000	0,000
29517 Line_A	TK2	77,641	0,000	0,000	0,000	0,000 N	00 08:11:57	77+641	0,000	0,000
29518 Line_A	TK2	77,697	0,000	0,000	0,000	0,000 N	00 08:11:58	77+697	0,000	0,000
29519 Line_A	TK2	77,752	0,000	0,000	0,000	0,000 N	00 08:11:59	77+752	0,000	0,000
29520 Line_A	TK2	77,808	0,000	0,000	0,000	0,000 N	00 08:12:00	77+808	0,000	0,000
29521 Line_A	TK2	77,863	0,000	0,000	0,000	0,000 N	00 08:12:01	77+863	0,000	0,000
29522 Line_A	TK2	77,919	0,000	0,000	0,000	0,000 N	00 08:12:02	77+919	0,000	0,000
29523 Line_A	TK2	77,975	0,000	0,000	0,000	0,000 N	00 08:12:03	77+975	0,000	0,000
29524 Line_A	TK2	78,030	0,000	0,000	0,000	0,000 N	00 08:12:04	78+030	0,000	0,000
29525 Line_A	TK2	78,086	0,000	0,000	0,000	0,000 N	00 08:12:05	78+086	0,000	0,000
29526 Line_A	TK2	78,141	0,000	0,000	0,000	0,000 N	00 08:12:06	78+141	0,000	0,000
29527 Line_A	TK2	78,197	0,000	0,000	0,000	0,000 N	00 08:12:07	78+197	0,000	0,000
29528 Line_A	TK2	78,252	0,000	0,000	0,000	0,000 N	00 08:12:08	78+252	0,000	0,000
29529 Line_A	TK2	78,308	0,000	0,000	0,000	0,000 N	00 08:12:09	78+308	0,000	0,000
29530 Line_A	TK2	78,363	0,000	0,000	0,000	0,000 N	00 08:12:10	78+363	0,000	0,000
29531 Line_A	TK2	78,419	0,000	0,000	0,000	0,000 N	00 08:12:11	78+419	0,000	0,000
29532 Line_A	TK2	78,475	0,000	0,000	0,000	0,000 N	00 08:12:12	78+475	0,000	0,000
29533 Line_A	TK2	78,530	0,000	0,000	0,000	0,000 N	00 08:12:13	78+530	0,000	0,000
29534 Line_A	TK2	78,586	0,000	0,000	0,000	0,000 N	00 08:12:14	78+586	0,000	0,000
29535 Line_A	TK2	78,641	0,000	0,000	0,000	0,000 N	00 08:12:15	78+641	0,000	0,000
29536 Line_A	TK2	78,697	0,000	0,000	0,000	0,000 N	00 08:12:16	78+697	0,000	0,000
29537 Line_A	TK2	78,752	0,000	0,000	0,000	0,000 N	00 08:12:17	78+752	0,000	0,000
29538 Line_A	TK2	78,808	0,000	0,000	0,000	0,000 N	00 08:12:18	78+808	0,000	0,000
29539 Line_A	TK2	78,863	0,000	0,000	0,000	0,000 N	00 08:12:19	78+863	0,000	0,000
29540 Line_A	TK2	78,919	0,000	0,000	0,000	0,000 N	00 08:12:20	78+919	0,000	0,000
29541 Line_A	TK2	78,975	0,000	0,000	0,000	0,000 N	00 08:12:21	78+975	0,000	0,000
29542 Line_A	TK2	79,030	0,000	0,000	0,000	0,000 N	00 08:12:22	79+030	0,000	0,000
29543 Line_A	TK2	79,086	0,000	0,000	0,000	0,000 N	00 08:12:23	79+086	0,000	0,000
29544 Line_A	TK2	79,141	0,000	0,000	0,000	0,000 N	00 08:12:24	79+141	0,000	0,000
29545 Line_A	TK2	79,197	0,000	0,000	0,000	0,000 N	00 08:12:25	79+197	0,000	0,000
29546 Line_A	TK2	79,252	0,000	0,000	0,000	0,000 N	00 08:12:26	79+252	0,000	0,000
29547 Line_A	TK2	79,308	0,000	0,000	0,000	0,000 N	00 08:12:27	79+308	0,000	0,000
29548 Line_A	TK2	79,363	0,000	0,000	0,000	0,000 N	00 08:12:28	79+363	0,000	0,000
29549 Line_A	TK2	79,419	0,000	0,000	0,000	0,000 N	00 08:12:29	79+419	0,000	0,000



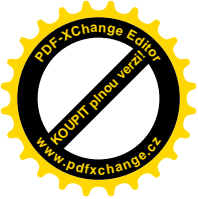
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29551 Line_A	TK2	79,530	0,000	0,000	0,000	0,000 N	00 08:12:31	79+530	0,000	0,000
29552 Line_A	TK2	79,586	0,000	0,000	0,000	0,000 N	00 08:12:32	79+586	0,000	0,000
29553 Line_A	TK2	79,641	0,000	0,000	0,000	0,000 N	00 08:12:33	79+641	0,000	0,000
29554 Line_A	TK2	79,697	0,000	0,000	0,000	0,000 N	00 08:12:34	79+697	0,000	0,000
29555 Line_A	TK2	79,752	0,000	0,000	0,000	0,000 N	00 08:12:35	79+752	0,000	0,000
29556 Line_A	TK2	79,808	0,000	0,000	0,000	0,000 N	00 08:12:36	79+808	0,000	0,000
29557 Line_A	TK2	79,863	0,000	0,000	0,000	0,000 N	00 08:12:37	79+863	0,000	0,000
29558 Line_A	TK2	79,919	0,000	0,000	0,000	0,000 N	00 08:12:38	79+919	0,000	0,000
29559 Line_A	TK2	79,975	0,000	0,000	0,000	0,000 N	00 08:12:39	79+975	0,000	0,000
29560 Line_A	TK2	80,030	0,000	0,000	0,000	0,000 N	00 08:12:40	80+030	0,000	0,000
29561 Line_A	TK2	80,086	0,000	0,000	0,000	0,000 N	00 08:12:41	80+086	0,000	0,000
29562 Line_A	TK2	80,141	0,000	0,000	0,000	0,000 N	00 08:12:42	80+141	0,000	0,000
29563 Line_A	TK2	80,197	0,000	0,000	0,000	0,000 N	00 08:12:43	80+197	0,000	0,000
29564 Line_A	TK2	80,252	0,000	0,000	0,000	0,000 N	00 08:12:44	80+252	0,000	0,000
29565 Line_A	TK2	80,308	0,000	0,000	0,000	0,000 N	00 08:12:45	80+308	0,000	0,000
29566 Line_A	TK2	80,363	0,000	0,000	0,000	0,000 N	00 08:12:46	80+363	0,000	0,000
29567 Line_A	TK2	80,419	0,000	0,000	0,000	0,000 N	00 08:12:47	80+419	0,000	0,000
29568 Line_A	TK2	80,475	0,000	0,000	0,000	0,000 N	00 08:12:48	80+475	0,000	0,000
29569 Line_A	TK2	80,530	0,000	0,000	0,000	0,000 N	00 08:12:49	80+530	0,000	0,000
29570 Line_A	TK2	80,586	0,000	0,000	0,000	0,000 N	00 08:12:50	80+586	0,000	0,000
29571 Line_A	TK2	80,641	0,000	0,000	0,000	0,000 N	00 08:12:51	80+641	0,000	0,000
29572 Line_A	TK2	80,697	0,000	0,000	0,000	0,000 N	00 08:12:52	80+697	0,000	0,000
29573 Line_A	TK2	80,752	0,000	0,000	0,000	0,000 N	00 08:12:53	80+752	0,000	0,000
29574 Line_A	TK2	80,808	0,000	0,000	0,000	0,000 N	00 08:12:54	80+808	0,000	0,000
29575 Line_A	TK2	80,863	0,000	0,000	0,000	0,000 N	00 08:12:55	80+863	0,000	0,000
29576 Line_A	TK2	80,919	0,000	0,000	0,000	0,000 N	00 08:12:56	80+919	0,000	0,000
29577 Line_A	TK2	80,975	0,000	0,000	0,000	0,000 N	00 08:12:57	80+975	0,000	0,000
29578 Line_A	TK2	81,030	0,000	0,000	0,000	0,000 N	00 08:12:58	81+030	0,000	0,000
29579 Line_A	TK2	81,086	0,000	0,000	0,000	0,000 N	00 08:12:59	81+086	0,000	0,000
29580 Line_A	TK2	81,141	0,000	0,000	0,000	0,000 N	00 08:13:00	81+141	0,000	0,000
29581 Line_A	TK2	81,197	0,000	0,000	0,000	0,000 N	00 08:13:01	81+197	0,000	0,000
29582 Line_A	TK2	81,252	0,000	0,000	0,000	0,000 N	00 08:13:02	81+252	0,000	0,000
29583 Line_A	TK2	81,308	0,000	0,000	0,000	0,000 N	00 08:13:03	81+308	0,000	0,000
29584 Line_A	TK2	81,363	5153,855	0,000	5153,855	0,000 N	00 08:13:04	81+363	5,154	5,154
29585 Line_A	TK2	81,418	5196,409	0,000	5196,409	0,000 N	00 08:13:05	81+418	5,196	5,196
29586 Line_A	TK2	81,473	5196,409	0,000	5196,409	0,000 N	00 08:13:06	81+473	5,196	5,196
29587 Line_A	TK2	81,529	5269,661	0,000	5269,661	0,000 N	00 08:13:07	81+529	5,270	5,270
29588 Line_A	TK2	81,584	5309,408	0,000	5309,408	0,000 N	00 08:13:08	81+584	5,309	5,309
29589 Line_A	TK2	81,640	5309,408	0,000	5309,408	0,000 N	00 08:13:09	81+640	5,309	5,309
29590 Line_A	TK2	81,696	5385,656	0,000	5385,656	0,000 N	00 08:13:10	81+696	5,386	5,386
29591 Line_A	TK2	81,751	5385,656	0,000	5385,656	0,000 N	00 08:13:11	81+751	5,386	5,386
29592 Line_A	TK2	81,807	5426,920	0,000	5426,920	0,000 N	00 08:13:12	81+807	5,427	5,427
29593 Line_A	TK2	81,862	5426,920	0,000	5426,920	0,000 N	00 08:13:13	81+862	5,427	5,427
29594 Line_A	TK2	81,918	5506,367	0,000	5506,367	0,000 N	00 08:13:14	81+918	5,506	5,506
29595 Line_A	TK2	81,973	5506,367	0,000	5506,367	0,000 N	00 08:13:15	81+973	5,506	5,506
29596 Line_A	TK2	82,029	5549,278	0,000	5549,278	0,000 N	00 08:13:16	82+029	5,549	5,549
29597 Line_A	TK2	82,084	5632,151	0,000	5632,151	0,000 N	00 08:13:17	82+084	5,632	5,632
29598 Line_A	TK2	82,140	5632,151	0,000	5632,151	0,000 N	00 08:13:18	82+140	5,632	5,632
29599 Line_A	TK2	82,196	5676,838	0,000	5676,838	0,000 N	00 08:13:19	82+196	5,677	5,677
29600 Line_A	TK2	82,251	5676,838	0,000	5676,838	0,000 N	00 08:13:20	82+251	5,677	5,677
29601 Line_A	TK2	82,307	5763,386	0,000	5763,386	0,000 N	00 08:13:21	82+307	5,763	5,763



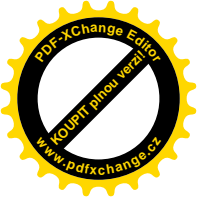
29602 Line_A	TK2	82,362	5763,386	0,000	5763,386	0,000 N	00 08:13:22	82+362	5,763	5,763
29603 Line_A	TK2	82,418	5809,990	0,000	5809,990	0,000 N	00 08:13:23	82+418	5,810	5,810
29604 Line_A	TK2	82,473	5809,990	0,000	5809,990	0,000 N	00 08:13:24	82+473	5,810	5,810
29605 Line_A	TK2	82,529	5900,487	0,000	5900,487	0,000 N	00 08:13:25	82+529	5,900	5,900
29606 Line_A	TK2	82,584	5949,163	0,000	5949,163	0,000 N	00 08:13:26	82+584	5,949	5,949
29607 Line_A	TK2	82,640	5949,163	0,000	5949,163	0,000 N	00 08:13:27	82+640	5,949	5,949
29608 Line_A	TK2	82,696	6043,910	0,000	6043,910	0,000 N	00 08:13:28	82+696	6,044	6,044
29609 Line_A	TK2	82,751	6043,910	0,000	6043,910	0,000 N	00 08:13:29	82+751	6,044	6,044
29610 Line_A	TK2	82,807	6094,829	0,000	6094,829	0,000 N	00 08:13:30	82+807	6,095	6,095
29611 Line_A	TK2	82,862	6094,829	0,000	6094,829	0,000 N	00 08:13:31	82+862	6,095	6,095
29612 Line_A	TK2	82,918	6194,158	0,000	6194,158	0,000 N	00 08:13:32	82+918	6,194	6,194
29613 Line_A	TK2	82,973	6194,158	0,000	6194,158	0,000 N	00 08:13:33	82+973	6,194	6,194
29614 Line_A	TK2	83,029	6247,510	0,000	6247,510	0,000 N	00 08:13:34	83+029	6,248	6,248
29615 Line_A	TK2	83,084	6351,787	0,000	6351,787	0,000 N	00 08:13:35	83+084	6,352	6,352
29616 Line_A	TK2	83,140	6351,787	0,000	6351,787	0,000 N	00 08:13:36	83+140	6,352	6,352
29617 Line_A	TK2	83,196	6407,781	0,000	6407,781	0,000 N	00 08:13:37	83+196	6,408	6,408
29618 Line_A	TK2	83,251	6407,781	0,000	6407,781	0,000 N	00 08:13:38	83+251	6,408	6,408
29619 Line_A	TK2	83,307	6517,414	0,000	6517,414	0,000 N	00 08:13:39	83+307	6,517	6,517
29620 Line_A	TK2	83,362	6517,414	0,000	6517,414	0,000 N	00 08:13:40	83+362	6,517	6,517
29621 Line_A	TK2	83,418	6576,284	0,000	6576,284	0,000 N	00 08:13:41	83+418	6,576	6,576
29622 Line_A	TK2	83,473	6576,284	0,000	6576,284	0,000 N	00 08:13:42	83+473	6,576	6,576
29623 Line_A	TK2	83,529	6691,726	0,000	6691,726	0,000 N	00 08:13:43	83+529	6,692	6,692
29624 Line_A	TK2	83,584	6753,730	0,000	6753,730	0,000 N	00 08:13:44	83+584	6,754	6,754
29625 Line_A	TK2	83,640	6753,730	0,000	6753,730	0,000 N	00 08:13:45	83+640	6,754	6,754
29626 Line_A	TK2	83,651	6753,730	0,000	6753,730	0,000 N	00 08:13:46	83+651	6,754	6,754
29627 Line_A	TK2	83,706	6875,486	0,000	6875,486	0,000 N	00 08:13:47	83+706	6,875	6,875
29628 Line_A	TK2	83,761	6875,486	0,000	6875,486	0,000 N	00 08:13:48	83+761	6,875	6,875
29629 Line_A	TK2	83,815	6940,915	0,000	6940,915	0,000 N	00 08:13:49	83+815	6,941	6,941
29630 Line_A	TK2	83,868	6940,915	0,000	6940,915	0,000 N	00 08:13:50	83+868	6,941	6,941
29631 Line_A	TK2	83,921	7069,549	0,000	7069,549	0,000 N	00 08:13:51	83+921	7,070	7,070
29632 Line_A	TK2	83,973	7069,549	0,000	7069,549	0,000 N	00 08:13:52	83+973	7,070	7,070
29633 Line_A	TK2	84,025	7138,730	0,000	7138,730	0,000 N	00 08:13:53	84+025	7,139	7,139
29634 Line_A	TK2	84,076	7138,730	0,000	7138,730	0,000 N	00 08:13:54	84+076	7,139	7,139
29635 Line_A	TK2	84,127	7274,876	0,000	7274,876	0,000 N	00 08:13:55	84+127	7,275	7,275
29636 Line_A	TK2	84,176	7274,876	0,000	7274,876	0,000 N	00 08:13:56	84+176	7,275	7,275
29637 Line_A	TK2	84,226	7348,175	0,000	7348,175	0,000 N	00 08:13:57	84+226	7,348	7,348
29638 Line_A	TK2	84,274	7348,175	0,000	7348,175	0,000 N	00 08:13:58	84+274	7,348	7,348
29639 Line_A	TK2	84,322	7492,547	0,000	7492,547	0,000 N	00 08:13:59	84+322	7,493	7,493
29640 Line_A	TK2	84,370	7492,547	0,000	7492,547	0,000 N	00 08:14:00	84+370	7,493	7,493
29641 Line_A	TK2	84,417	7570,379	0,000	7570,379	0,000 N	00 08:14:01	84+417	7,570	7,570
29642 Line_A	TK2	84,463	7570,379	0,000	7570,379	0,000 N	00 08:14:02	84+463	7,570	7,570
29643 Line_A	TK2	84,509	7723,785	0,000	7723,785	0,000 N	00 08:14:03	84+509	7,724	7,724
29644 Line_A	TK2	84,554	7723,785	0,000	7723,785	0,000 N	00 08:14:04	84+554	7,724	7,724
29645 Line_A	TK2	84,598	7806,621	0,000	7806,621	0,000 N	00 08:14:05	84+598	7,807	7,807
29646 Line_A	TK2	84,642	7806,621	0,000	7806,621	0,000 N	00 08:14:06	84+642	7,807	7,807
29647 Line_A	TK2	84,685	7969,976	0,000	7969,976	0,000 N	00 08:14:07	84+685	7,970	7,970
29648 Line_A	TK2	84,728	7969,976	0,000	7969,976	0,000 N	00 08:14:08	84+728	7,970	7,970
29649 Line_A	TK2	84,770	7969,976	0,000	7969,976	0,000 N	00 08:14:09	84+770	7,970	7,970
29650 Line_A	TK2	84,812	8058,353	0,000	8058,353	0,000 N	00 08:14:10	84+812	8,058	8,058
29651 Line_A	TK2	84,853	8058,353	0,000	8058,353	0,000 N	00 08:14:11	84+853	8,058	8,058
29652 Line_A	TK2	84,893	8232,703	0,000	8232,703	0,000 N	00 08:14:12	84+893	8,233	8,233
29653 Line_A	TK2	84,933	8232,703	0,000	8232,703	0,000 N	00 08:14:13	84+933	8,233	8,233



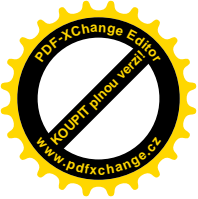
29654 Line_A	TK2	84,974	8232,703	0,000	8232,703	0,000 N	00 08:14:14	84+974	8,233	8,233
29655 Line_A	TK2	85,014	8327,233	0,000	8327,233	0,000 N	00 08:14:15	85+014	8,327	8,327
29656 Line_A	TK2	85,054	8327,233	0,000	8327,233	0,000 N	00 08:14:16	85+054	8,327	8,327
29657 Line_A	TK2	85,091	8513,773	0,000	8513,773	0,000 N	00 08:14:17	85+091	8,514	8,514
29658 Line_A	TK2	85,132	8513,773	0,000	8513,773	0,000 N	00 08:14:18	85+132	8,514	8,514
29659 Line_A	TK2	85,171	8513,773	0,000	8513,773	0,000 N	00 08:14:19	85+171	8,514	8,514
29660 Line_A	TK2	85,210	8615,163	0,000	8615,163	0,000 N	00 08:14:20	85+210	8,615	8,615
29661 Line_A	TK2	85,249	8615,163	0,000	8615,163	0,000 N	00 08:14:21	85+249	8,615	8,615
29662 Line_A	TK2	85,287	8815,271	0,000	8815,271	0,000 N	00 08:14:22	85+287	8,815	8,815
29663 Line_A	TK2	85,324	8815,271	0,000	8815,271	0,000 N	00 08:14:23	85+324	8,815	8,815
29664 Line_A	TK2	85,361	8815,271	0,000	8815,271	0,000 N	00 08:14:24	85+361	8,815	8,815
29665 Line_A	TK2	85,397	8924,335	0,000	8924,335	0,000 N	00 08:14:25	85+397	8,924	8,924
29666 Line_A	TK2	85,433	8924,335	0,000	8924,335	0,000 N	00 08:14:26	85+433	8,924	8,924
29667 Line_A	TK2	85,468	8924,335	0,000	8924,335	0,000 N	00 08:14:27	85+468	8,924	8,924
29668 Line_A	TK2	85,502	9139,603	0,000	9139,603	0,000 N	00 08:14:28	85+502	9,140	9,140
29669 Line_A	TK2	85,536	9139,603	0,000	9139,603	0,000 N	00 08:14:29	85+536	9,140	9,140
29670 Line_A	TK2	85,569	9139,603	0,000	9139,603	0,000 N	00 08:14:30	85+569	9,140	9,140
29671 Line_A	TK2	85,602	9257,289	0,000	9257,289	0,000 N	00 08:14:31	85+602	9,257	9,257
29672 Line_A	TK2	85,634	9257,289	0,000	9257,289	0,000 N	00 08:14:32	85+634	9,257	9,257
29673 Line_A	TK2	85,665	9257,289	0,000	9257,289	0,000 N	00 08:14:33	85+665	9,257	9,257
29674 Line_A	TK2	85,696	9489,569	0,000	9489,569	0,000 N	00 08:14:34	85+696	9,490	9,490
29675 Line_A	TK2	85,726	9489,569	0,000	9489,569	0,000 N	00 08:14:35	85+726	9,490	9,490
29676 Line_A	TK2	85,756	9489,569	0,000	9489,569	0,000 N	00 08:14:36	85+756	9,490	9,490
29677 Line_A	TK2	85,785	9616,982	0,000	9616,982	0,000 N	00 08:14:37	85+785	9,617	9,617
29678 Line_A	TK2	85,813	9616,982	0,000	9616,982	0,000 N	00 08:14:38	85+813	9,617	9,617
29679 Line_A	TK2	85,841	9616,982	0,000	9616,982	0,000 N	00 08:14:39	85+841	9,617	9,617
29680 Line_A	TK2	85,869	9616,982	0,000	9616,982	0,000 N	00 08:14:40	85+869	9,617	9,617
29681 Line_A	TK2	85,897	9868,448	0,000	9868,448	0,000 N	00 08:14:41	85+897	9,868	9,868
29682 Line_A	TK2	85,924	9868,448	0,000	9868,448	0,000 N	00 08:14:42	85+924	9,868	9,868
29683 Line_A	TK2	85,952	9868,448	0,000	9868,448	0,000 N	00 08:14:43	85+952	9,868	9,868
29684 Line_A	TK2	85,980	10006,878	0,000	10006,878	0,000 N	00 08:14:44	85+980	10,007	10,007
29685 Line_A	TK2	86,008	10006,878	0,000	10006,878	0,000 N	00 08:14:45	86+008	10,007	10,007
29686 Line_A	TK2	86,035	10006,878	0,000	10006,878	0,000 N	00 08:14:46	86+035	10,007	10,007
29687 Line_A	TK2	86,063	10006,878	0,000	10006,878	0,000 N	00 08:14:47	86+063	10,007	10,007
29688 Line_A	TK2	86,091	10280,160	0,000	10280,160	0,000 N	00 08:14:48	86+091	10,280	10,280
29689 Line_A	TK2	86,119	10280,160	0,000	10280,160	0,000 N	00 08:14:49	86+119	10,280	10,280
29690 Line_A	TK2	86,147	10280,160	0,000	10280,160	0,000 N	00 08:14:50	86+147	10,280	10,280
29691 Line_A	TK2	86,174	10280,160	0,000	10280,160	0,000 N	00 08:14:51	86+174	10,280	10,280
29692 Line_A	TK2	86,202	10430,995	0,000	10430,995	0,000 N	00 08:14:52	86+202	10,431	10,431
29693 Line_A	TK2	86,230	10430,995	0,000	10430,995	0,000 N	00 08:14:53	86+230	10,431	10,431
29694 Line_A	TK2	86,258	10430,995	0,000	10430,995	0,000 N	00 08:14:54	86+258	10,431	10,431
29695 Line_A	TK2	86,285	10730,382	0,000	10730,382	0,000 N	00 08:14:55	86+285	10,730	10,730
29696 Line_A	TK2	86,313	10730,382	0,000	10730,382	0,000 N	00 08:14:56	86+313	10,730	10,730
29697 Line_A	TK2	86,341	10730,382	0,000	10730,382	0,000 N	00 08:14:57	86+341	10,730	10,730
29698 Line_A	TK2	86,369	10730,382	0,000	10730,382	0,000 N	00 08:14:58	86+369	10,730	10,730
29699 Line_A	TK2	86,397	10928,270	0,000	10928,270	0,000 N	00 08:14:59	86+397	10,928	10,928
29700 Line_A	TK2	86,424	10928,270	0,000	10928,270	0,000 N	00 08:15:00	86+424	10,928	10,928
29701 Line_A	TK2	86,452	0,000	0,000	0,000	0,000 N	00 08:15:01	86+452	0,000	0,000
29702 Line_A	TK2	86,480	0,000	0,000	0,000	0,000 N	00 08:15:02	86+480	0,000	0,000
29703 Line_A	TK2	86,508	0,000	0,000	0,000	0,000 N	00 08:15:03	86+508	0,000	0,000
29704 Line_A	TK2	86,535	0,000	0,000	0,000	0,000 N	00 08:15:04	86+535	0,000	0,000
29705 Line_A	TK2	86,563	11438,146	0,000	11438,146	0,000 N	00 08:15:05	86+563	11,438	11,438



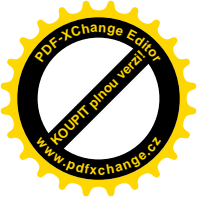
29706 Line_A	TK2	86,591	11094,446	0,000	11094,446	0,000 N	00 08:15:06	86+591	11,094	11,094
29707 Line_A	TK2	86,618	11094,446	0,000	11094,446	0,000 N	00 08:15:07	86+618	11,094	11,094
29708 Line_A	TK2	86,646	11094,446	0,000	11094,446	0,000 N	00 08:15:08	86+646	11,094	11,094
29709 Line_A	TK2	86,674	11094,446	0,000	11094,446	0,000 N	00 08:15:09	86+674	11,094	11,094
29710 Line_A	TK2	86,702	10887,006	0,000	10887,006	0,000 N	00 08:15:10	86+702	10,887	10,887
29711 Line_A	TK2	86,729	10887,006	0,000	10887,006	0,000 N	00 08:15:11	86+729	10,887	10,887
29712 Line_A	TK2	86,757	10687,879	0,000	10687,879	0,000 N	00 08:15:12	86+757	10,688	10,688
29713 Line_A	TK2	86,785	10687,879	0,000	10687,879	0,000 N	00 08:15:13	86+785	10,688	10,688
29714 Line_A	TK2	86,813	10687,879	0,000	10687,879	0,000 N	00 08:15:14	86+813	10,688	10,688
29715 Line_A	TK2	86,841	10449,348	0,000	10449,348	0,000 N	00 08:15:15	86+841	10,449	10,449
29716 Line_A	TK2	86,868	10449,348	0,000	10449,348	0,000 N	00 08:15:16	86+868	10,449	10,449
29717 Line_A	TK2	86,896	10449,348	0,000	10449,348	0,000 N	00 08:15:17	86+896	10,449	10,449
29718 Line_A	TK2	86,924	10406,200	0,000	10406,200	0,000 N	00 08:15:18	86+924	10,406	10,406
29719 Line_A	TK2	86,952	10406,200	0,000	10406,200	0,000 N	00 08:15:19	86+952	10,406	10,406
29720 Line_A	TK2	86,979	10226,394	0,000	10226,394	0,000 N	00 08:15:20	86+979	10,226	10,226
29721 Line_A	TK2	87,007	10226,394	0,000	10226,394	0,000 N	00 08:15:21	87+007	10,226	10,226
29722 Line_A	TK2	87,035	10038,216	0,000	10038,216	0,000 N	00 08:15:22	87+035	10,038	10,038
29723 Line_A	TK2	87,063	10038,216	0,000	10038,216	0,000 N	00 08:15:23	87+063	10,038	10,038
29724 Line_A	TK2	87,091	10038,216	0,000	10038,216	0,000 N	00 08:15:24	87+091	10,038	10,038
29725 Line_A	TK2	87,118	10004,920	0,000	10004,920	0,000 N	00 08:15:25	87+118	10,005	10,005
29726 Line_A	TK2	87,146	10004,920	0,000	10004,920	0,000 N	00 08:15:26	87+146	10,005	10,005
29727 Line_A	TK2	87,174	9847,642	0,000	9847,642	0,000 N	00 08:15:27	87+174	9,848	9,848
29728 Line_A	TK2	87,202	9847,642	0,000	9847,642	0,000 N	00 08:15:28	87+202	9,848	9,848
29729 Line_A	TK2	87,217	9847,642	0,000	9847,642	0,000 N	00 08:15:29	87+217	9,848	9,848
29730 Line_A	TK2	87,245	9687,075	0,000	9687,075	0,000 N	00 08:15:30	87+245	9,687	9,687
29731 Line_A	TK2	87,272	9687,075	0,000	9687,075	0,000 N	00 08:15:31	87+272	9,687	9,687
29732 Line_A	TK2	87,298	9687,075	0,000	9687,075	0,000 N	00 08:15:32	87+298	9,687	9,687
29733 Line_A	TK2	87,324	9662,949	0,000	9662,949	0,000 N	00 08:15:33	87+324	9,663	9,663
29734 Line_A	TK2	87,349	9662,949	0,000	9662,949	0,000 N	00 08:15:34	87+349	9,663	9,663
29735 Line_A	TK2	87,374	9662,949	0,000	9662,949	0,000 N	00 08:15:35	87+374	9,663	9,663
29736 Line_A	TK2	87,398	9455,996	0,000	9455,996	0,000 N	00 08:15:36	87+398	9,456	9,456
29737 Line_A	TK2	87,422	9455,996	0,000	9455,996	0,000 N	00 08:15:37	87+422	9,456	9,456
29738 Line_A	TK2	87,445	9455,996	0,000	9455,996	0,000 N	00 08:15:38	87+445	9,456	9,456
29739 Line_A	TK2	87,467	9455,996	0,000	9455,996	0,000 N	00 08:15:39	87+467	9,456	9,456
29740 Line_A	TK2	87,488	9370,683	0,000	9370,683	0,000 N	00 08:15:40	87+488	9,371	9,371
29741 Line_A	TK2	87,510	9370,683	0,000	9370,683	0,000 N	00 08:15:41	87+510	9,371	9,371
29742 Line_A	TK2	87,530	9370,683	0,000	9370,683	0,000 N	00 08:15:42	87+530	9,371	9,371
29743 Line_A	TK2	87,550	9370,683	0,000	9370,683	0,000 N	00 08:15:43	87+550	9,371	9,371
29744 Line_A	TK2	87,569	9370,683	0,000	9370,683	0,000 N	00 08:15:44	87+569	9,371	9,371
29745 Line_A	TK2	87,588	9185,808	0,000	9185,808	0,000 N	00 08:15:45	87+588	9,186	9,186
29746 Line_A	TK2	87,606	9185,808	0,000	9185,808	0,000 N	00 08:15:46	87+606	9,186	9,186
29747 Line_A	TK2	87,624	9185,808	0,000	9185,808	0,000 N	00 08:15:47	87+624	9,186	9,186
29748 Line_A	TK2	87,640	9185,808	0,000	9185,808	0,000 N	00 08:15:48	87+640	9,186	9,186
29749 Line_A	TK2	87,657	9185,808	0,000	9185,808	0,000 N	00 08:15:49	87+657	9,186	9,186
29750 Line_A	TK2	87,672	9185,808	0,000	9185,808	0,000 N	00 08:15:50	87+672	9,186	9,186
29751 Line_A	TK2	87,687	9116,164	0,000	9116,164	0,000 N	00 08:15:51	87+687	9,116	9,116
29752 Line_A	TK2	87,702	9116,164	0,000	9116,164	0,000 N	00 08:15:52	87+702	9,116	9,116
29753 Line_A	TK2	87,716	9116,164	0,000	9116,164	0,000 N	00 08:15:53	87+716	9,116	9,116
29754 Line_A	TK2	87,730	9116,164	0,000	9116,164	0,000 N	00 08:15:54	87+730	9,116	9,116
29755 Line_A	TK2	87,744	9116,164	0,000	9116,164	0,000 N	00 08:15:55	87+744	9,116	9,116
29756 Line_A	TK2	87,758	9116,164	0,000	9116,164	0,000 N	00 08:15:56	87+758	9,116	9,116
29757 Line_A	TK2	87,772	9116,164	0,000	9116,164	0,000 N	00 08:15:57	87+772	9,116	9,116



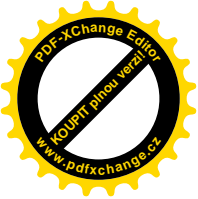
29758 Line_A	TK2	87,785	8951,574	0,000	8951,574	0,000 N	00 08:15:58	87+785	8,952	8,952
29759 Line_A	TK2	87,799	8951,574	0,000	8951,574	0,000 N	00 08:15:59	87+799	8,952	8,952
29760 Line_A	TK2	87,813	8951,574	0,000	8951,574	0,000 N	00 08:16:00	87+813	8,952	8,952
29761 Line_A	TK2	87,827	8951,574	0,000	8951,574	0,000 N	00 08:16:01	87+827	8,952	8,952
29762 Line_A	TK2	87,841	8951,574	0,000	8951,574	0,000 N	00 08:16:02	87+841	8,952	8,952
29763 Line_A	TK2	87,855	8951,574	0,000	8951,574	0,000 N	00 08:16:03	87+855	8,952	8,952
29764 Line_A	TK2	87,869	8951,574	0,000	8951,574	0,000 N	00 08:16:04	87+869	8,952	8,952
29765 Line_A	TK2	87,883	8895,753	0,000	8895,753	0,000 N	00 08:16:05	87+883	8,896	8,896
29766 Line_A	TK2	87,897	8895,753	0,000	8895,753	0,000 N	00 08:16:06	87+897	8,896	8,896
29767 Line_A	TK2	87,910	8895,753	0,000	8895,753	0,000 N	00 08:16:07	87+910	8,896	8,896
29768 Line_A	TK2	87,924	8895,753	0,000	8895,753	0,000 N	00 08:16:08	87+924	8,896	8,896
29769 Line_A	TK2	87,938	8895,753	0,000	8895,753	0,000 N	00 08:16:09	87+938	8,896	8,896
29770 Line_A	TK2	87,952	8895,753	0,000	8895,753	0,000 N	00 08:16:10	87+952	8,896	8,896
29771 Line_A	TK2	87,966	8895,753	0,000	8895,753	0,000 N	00 08:16:11	87+966	8,896	8,896
29772 Line_A	TK2	87,980	8748,933	0,000	8748,933	0,000 N	00 08:16:12	87+980	8,749	8,749
29773 Line_A	TK2	87,994	8748,933	0,000	8748,933	0,000 N	00 08:16:13	87+994	8,749	8,749
29774 Line_A	TK2	88,008	8748,933	0,000	8748,933	0,000 N	00 08:16:14	88+008	8,749	8,749
29775 Line_A	TK2	88,022	8748,933	0,000	8748,933	0,000 N	00 08:16:15	88+022	8,749	8,749
29776 Line_A	TK2	88,035	8748,933	0,000	8748,933	0,000 N	00 08:16:16	88+035	8,749	8,749
29777 Line_A	TK2	88,049	8748,933	0,000	8748,933	0,000 N	00 08:16:17	88+049	8,749	8,749
29778 Line_A	TK2	88,063	8748,933	0,000	8748,933	0,000 N	00 08:16:18	88+063	8,749	8,749
29779 Line_A	TK2	88,077	8705,466	0,000	8705,466	0,000 N	00 08:16:19	88+077	8,705	8,705
29780 Line_A	TK2	88,091	8705,466	0,000	8705,466	0,000 N	00 08:16:20	88+091	8,705	8,705
29781 Line_A	TK2	88,105	8705,466	0,000	8705,466	0,000 N	00 08:16:21	88+105	8,705	8,705
29782 Line_A	TK2	88,119	8705,466	0,000	8705,466	0,000 N	00 08:16:22	88+119	8,705	8,705
29783 Line_A	TK2	88,133	8705,466	0,000	8705,466	0,000 N	00 08:16:23	88+133	8,705	8,705
29784 Line_A	TK2	88,147	8705,466	0,000	8705,466	0,000 N	00 08:16:24	88+147	8,705	8,705
29785 Line_A	TK2	88,160	8705,466	0,000	8705,466	0,000 N	00 08:16:25	88+160	8,705	8,705
29786 Line_A	TK2	88,174	8705,466	0,000	8705,466	0,000 N	00 08:16:26	88+174	8,705	8,705
29787 Line_A	TK2	88,188	8574,367	0,000	8574,367	0,000 N	00 08:16:27	88+188	8,574	8,574
29788 Line_A	TK2	88,202	8574,367	0,000	8574,367	0,000 N	00 08:16:28	88+202	8,574	8,574
29789 Line_A	TK2	88,216	8574,367	0,000	8574,367	0,000 N	00 08:16:29	88+216	8,574	8,574
29790 Line_A	TK2	88,230	8574,367	0,000	8574,367	0,000 N	00 08:16:30	88+230	8,574	8,574
29791 Line_A	TK2	88,244	8574,367	0,000	8574,367	0,000 N	00 08:16:31	88+244	8,574	8,574
29792 Line_A	TK2	88,258	8574,367	0,000	8574,367	0,000 N	00 08:16:32	88+258	8,574	8,574
29793 Line_A	TK2	88,272	8574,367	0,000	8574,367	0,000 N	00 08:16:33	88+272	8,574	8,574
29794 Line_A	TK2	88,285	8542,086	0,000	8542,086	0,000 N	00 08:16:34	88+285	8,542	8,542
29795 Line_A	TK2	88,299	8542,086	0,000	8542,086	0,000 N	00 08:16:35	88+299	8,542	8,542
29796 Line_A	TK2	88,313	8542,086	0,000	8542,086	0,000 N	00 08:16:36	88+313	8,542	8,542
29797 Line_A	TK2	88,327	8542,086	0,000	8542,086	0,000 N	00 08:16:37	88+327	8,542	8,542
29798 Line_A	TK2	88,341	8542,086	0,000	8542,086	0,000 N	00 08:16:38	88+341	8,542	8,542
29799 Line_A	TK2	88,355	8542,086	0,000	8542,086	0,000 N	00 08:16:39	88+355	8,542	8,542
29800 Line_A	TK2	88,369	8542,086	0,000	8542,086	0,000 N	00 08:16:40	88+369	8,542	8,542
29801 Line_A	TK2	88,383	8425,031	0,000	8425,031	0,000 N	00 08:16:41	88+383	8,425	8,425
29802 Line_A	TK2	88,397	8425,031	0,000	8425,031	0,000 N	00 08:16:42	88+397	8,425	8,425
29803 Line_A	TK2	88,410	8425,031	0,000	8425,031	0,000 N	00 08:16:43	88+410	8,425	8,425
29804 Line_A	TK2	88,424	8425,031	0,000	8425,031	0,000 N	00 08:16:44	88+424	8,425	8,425
29805 Line_A	TK2	88,438	8425,031	0,000	8425,031	0,000 N	00 08:16:45	88+438	8,425	8,425
29806 Line_A	TK2	88,452	8425,031	0,000	8425,031	0,000 N	00 08:16:46	88+452	8,425	8,425
29807 Line_A	TK2	88,466	8425,031	0,000	8425,031	0,000 N	00 08:16:47	88+466	8,425	8,425
29808 Line_A	TK2	88,480	8403,010	0,000	8403,010	0,000 N	00 08:16:48	88+480	8,403	8,403
29809 Line_A	TK2	88,494	8403,010	0,000	8403,010	0,000 N	00 08:16:49	88+494	8,403	8,403



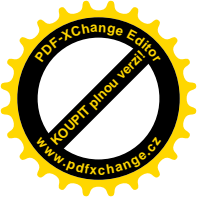
29810 Line_A	TK2	88,508	8403,010	0,000	8403,010	0,000 N	00 08:16:50	88+508	8,403	8,403
29811 Line_A	TK2	88,522	8403,010	0,000	8403,010	0,000 N	00 08:16:51	88+522	8,403	8,403
29812 Line_A	TK2	88,535	8403,010	0,000	8403,010	0,000 N	00 08:16:52	88+535	8,403	8,403
29813 Line_A	TK2	88,549	8403,010	0,000	8403,010	0,000 N	00 08:16:53	88+549	8,403	8,403
29814 Line_A	TK2	88,563	8403,010	0,000	8403,010	0,000 N	00 08:16:54	88+563	8,403	8,403
29815 Line_A	TK2	88,577	8298,626	0,000	8298,626	0,000 N	00 08:16:55	88+577	8,299	8,299
29816 Line_A	TK2	88,591	8298,626	0,000	8298,626	0,000 N	00 08:16:56	88+591	8,299	8,299
29817 Line_A	TK2	88,605	8298,626	0,000	8298,626	0,000 N	00 08:16:57	88+605	8,299	8,299
29818 Line_A	TK2	88,619	8298,626	0,000	8298,626	0,000 N	00 08:16:58	88+619	8,299	8,299
29819 Line_A	TK2	88,633	8298,626	0,000	8298,626	0,000 N	00 08:16:59	88+633	8,299	8,299
29820 Line_A	TK2	88,647	8298,626	0,000	8298,626	0,000 N	00 08:17:00	88+647	8,299	8,299
29821 Line_A	TK2	88,660	8298,626	0,000	8298,626	0,000 N	00 08:17:01	88+660	8,299	8,299
29822 Line_A	TK2	88,674	8298,626	0,000	8298,626	0,000 N	00 08:17:02	88+674	8,299	8,299
29823 Line_A	TK2	88,688	8286,141	0,000	8286,141	0,000 N	00 08:17:03	88+688	8,286	8,286
29824 Line_A	TK2	88,702	8286,141	0,000	8286,141	0,000 N	00 08:17:04	88+702	8,286	8,286
29825 Line_A	TK2	88,716	8286,141	0,000	8286,141	0,000 N	00 08:17:05	88+716	8,286	8,286
29826 Line_A	TK2	88,730	8286,141	0,000	8286,141	0,000 N	00 08:17:06	88+730	8,286	8,286
29827 Line_A	TK2	88,744	8286,141	0,000	8286,141	0,000 N	00 08:17:07	88+744	8,286	8,286
29828 Line_A	TK2	88,758	8286,141	0,000	8286,141	0,000 N	00 08:17:08	88+758	8,286	8,286
29829 Line_A	TK2	88,772	8286,141	0,000	8286,141	0,000 N	00 08:17:09	88+772	8,286	8,286
29830 Line_A	TK2	88,785	8193,301	0,000	8193,301	0,000 N	00 08:17:10	88+785	8,193	8,193
29831 Line_A	TK2	88,799	8193,301	0,000	8193,301	0,000 N	00 08:17:11	88+799	8,193	8,193
29832 Line_A	TK2	88,813	8193,301	0,000	8193,301	0,000 N	00 08:17:12	88+813	8,193	8,193
29833 Line_A	TK2	88,827	8193,301	0,000	8193,301	0,000 N	00 08:17:13	88+827	8,193	8,193
29834 Line_A	TK2	88,841	8193,301	0,000	8193,301	0,000 N	00 08:17:14	88+841	8,193	8,193
29835 Line_A	TK2	88,855	8193,301	0,000	8193,301	0,000 N	00 08:17:15	88+855	8,193	8,193
29836 Line_A	TK2	88,869	8193,301	0,000	8193,301	0,000 N	00 08:17:16	88+869	8,193	8,193
29837 Line_A	TK2	88,883	8189,783	0,000	8189,783	0,000 N	00 08:17:17	88+883	8,190	8,190
29838 Line_A	TK2	88,897	8189,783	0,000	8189,783	0,000 N	00 08:17:18	88+897	8,190	8,190
29839 Line_A	TK2	88,910	8189,783	0,000	8189,783	0,000 N	00 08:17:19	88+910	8,190	8,190
29840 Line_A	TK2	88,924	8189,783	0,000	8189,783	0,000 N	00 08:17:20	88+924	8,190	8,190
29841 Line_A	TK2	88,938	8189,783	0,000	8189,783	0,000 N	00 08:17:21	88+938	8,190	8,190
29842 Line_A	TK2	88,952	8189,783	0,000	8189,783	0,000 N	00 08:17:22	88+952	8,190	8,190
29843 Line_A	TK2	88,966	8189,783	0,000	8189,783	0,000 N	00 08:17:23	88+966	8,190	8,190
29844 Line_A	TK2	88,980	8107,600	0,000	8107,600	0,000 N	00 08:17:24	88+980	8,108	8,108
29845 Line_A	TK2	88,994	8107,600	0,000	8107,600	0,000 N	00 08:17:25	88+994	8,108	8,108
29846 Line_A	TK2	89,008	8107,600	0,000	8107,600	0,000 N	00 08:17:26	89+008	8,108	8,108
29847 Line_A	TK2	89,022	8107,600	0,000	8107,600	0,000 N	00 08:17:27	89+022	8,108	8,108
29848 Line_A	TK2	89,035	8107,600	0,000	8107,600	0,000 N	00 08:17:28	89+035	8,108	8,108
29849 Line_A	TK2	89,049	8107,600	0,000	8107,600	0,000 N	00 08:17:29	89+049	8,108	8,108
29850 Line_A	TK2	89,063	8107,600	0,000	8107,600	0,000 N	00 08:17:30	89+063	8,108	8,108
29851 Line_A	TK2	89,077	8112,459	0,000	8112,459	0,000 N	00 08:17:31	89+077	8,112	8,112
29852 Line_A	TK2	89,091	8112,459	0,000	8112,459	0,000 N	00 08:17:32	89+091	8,112	8,112
29853 Line_A	TK2	89,105	8112,459	0,000	8112,459	0,000 N	00 08:17:33	89+105	8,112	8,112
29854 Line_A	TK2	89,119	8112,459	0,000	8112,459	0,000 N	00 08:17:34	89+119	8,112	8,112
29855 Line_A	TK2	89,133	8112,459	0,000	8112,459	0,000 N	00 08:17:35	89+133	8,112	8,112
29856 Line_A	TK2	89,147	8112,459	0,000	8112,459	0,000 N	00 08:17:36	89+147	8,112	8,112
29857 Line_A	TK2	89,160	8112,459	0,000	8112,459	0,000 N	00 08:17:37	89+160	8,112	8,112
29858 Line_A	TK2	89,174	8112,459	0,000	8112,459	0,000 N	00 08:17:38	89+174	8,112	8,112
29859 Line_A	TK2	89,188	8040,855	0,000	8040,855	0,000 N	00 08:17:39	89+188	8,041	8,041
29860 Line_A	TK2	89,202	8040,855	0,000	8040,855	0,000 N	00 08:17:40	89+202	8,041	8,041
29861 Line_A	TK2	89,216	8040,855	0,000	8040,855	0,000 N	00 08:17:41	89+216	8,041	8,041



29862 Line_A	TK2	89,230	8040,855	0,000	8040,855	0,000 N	00 08:17:42	89+230	8,041	8,041
29863 Line_A	TK2	89,244	8040,855	0,000	8040,855	0,000 N	00 08:17:43	89+244	8,041	8,041
29864 Line_A	TK2	89,258	8040,855	0,000	8040,855	0,000 N	00 08:17:44	89+258	8,041	8,041
29865 Line_A	TK2	89,272	8040,855	0,000	8040,855	0,000 N	00 08:17:45	89+272	8,041	8,041
29866 Line_A	TK2	89,285	8051,401	0,000	8051,401	0,000 N	00 08:17:46	89+285	8,051	8,051
29867 Line_A	TK2	89,299	8051,401	0,000	8051,401	0,000 N	00 08:17:47	89+299	8,051	8,051
29868 Line_A	TK2	89,313	8051,401	0,000	8051,401	0,000 N	00 08:17:48	89+313	8,051	8,051
29869 Line_A	TK2	89,327	8051,401	0,000	8051,401	0,000 N	00 08:17:49	89+327	8,051	8,051
29870 Line_A	TK2	89,341	8051,401	0,000	8051,401	0,000 N	00 08:17:50	89+341	8,051	8,051
29871 Line_A	TK2	89,355	8051,401	0,000	8051,401	0,000 N	00 08:17:51	89+355	8,051	8,051
29872 Line_A	TK2	89,369	8029,306	0,000	8029,306	0,000 N	00 08:17:52	89+369	8,029	8,029
29873 Line_A	TK2	89,383	8029,306	0,000	8029,306	0,000 N	00 08:17:53	89+383	8,029	8,029
29874 Line_A	TK2	89,397	8029,306	0,000	8029,306	0,000 N	00 08:17:54	89+397	8,029	8,029
29875 Line_A	TK2	89,410	8029,306	0,000	8029,306	0,000 N	00 08:17:55	89+410	8,029	8,029
29876 Line_A	TK2	89,424	8029,306	0,000	8029,306	0,000 N	00 08:17:56	89+424	8,029	8,029
29877 Line_A	TK2	89,438	7886,196	0,000	7886,196	0,000 N	00 08:17:57	89+438	7,886	7,886
29878 Line_A	TK2	89,452	7886,196	0,000	7886,196	0,000 N	00 08:17:58	89+452	7,886	7,886
29879 Line_A	TK2	89,466	7886,196	0,000	7886,196	0,000 N	00 08:17:59	89+466	7,886	7,886
29880 Line_A	TK2	89,480	7886,196	0,000	7886,196	0,000 N	00 08:18:00	89+480	7,886	7,886
29881 Line_A	TK2	89,494	7886,196	0,000	7886,196	0,000 N	00 08:18:01	89+494	7,886	7,886
29882 Line_A	TK2	89,508	7856,701	0,000	7856,701	0,000 N	00 08:18:02	89+508	7,857	7,857
29883 Line_A	TK2	89,522	7856,701	0,000	7856,701	0,000 N	00 08:18:03	89+522	7,857	7,857
29884 Line_A	TK2	89,535	7856,701	0,000	7856,701	0,000 N	00 08:18:04	89+535	7,857	7,857
29885 Line_A	TK2	89,549	7856,701	0,000	7856,701	0,000 N	00 08:18:05	89+549	7,857	7,857
29886 Line_A	TK2	89,563	7748,532	0,000	7748,532	0,000 N	00 08:18:06	89+563	7,749	7,749
29887 Line_A	TK2	89,577	7748,532	0,000	7748,532	0,000 N	00 08:18:07	89+577	7,749	7,749
29888 Line_A	TK2	89,591	7748,532	0,000	7748,532	0,000 N	00 08:18:08	89+591	7,749	7,749
29889 Line_A	TK2	89,605	7748,532	0,000	7748,532	0,000 N	00 08:18:09	89+605	7,749	7,749
29890 Line_A	TK2	89,619	7748,532	0,000	7748,532	0,000 N	00 08:18:10	89+619	7,749	7,749
29891 Line_A	TK2	89,633	7748,532	0,000	7748,532	0,000 N	00 08:18:11	89+633	7,749	7,749
29892 Line_A	TK2	89,647	7634,325	0,000	7634,325	0,000 N	00 08:18:12	89+647	7,634	7,634
29893 Line_A	TK2	89,660	7634,325	0,000	7634,325	0,000 N	00 08:18:13	89+660	7,634	7,634
29894 Line_A	TK2	89,674	7634,325	0,000	7634,325	0,000 N	00 08:18:14	89+674	7,634	7,634
29895 Line_A	TK2	89,688	7634,325	0,000	7634,325	0,000 N	00 08:18:15	89+688	7,634	7,634
29896 Line_A	TK2	89,702	7634,325	0,000	7634,325	0,000 N	00 08:18:16	89+702	7,634	7,634
29897 Line_A	TK2	89,716	7612,688	0,000	7612,688	0,000 N	00 08:18:17	89+716	7,613	7,613
29898 Line_A	TK2	89,730	7612,688	0,000	7612,688	0,000 N	00 08:18:18	89+730	7,613	7,613
29899 Line_A	TK2	89,744	7612,688	0,000	7612,688	0,000 N	00 08:18:19	89+744	7,613	7,613
29900 Line_A	TK2	89,758	7509,945	0,000	7509,945	0,000 N	00 08:18:20	89+758	7,510	7,510
29901 Line_A	TK2	89,772	7509,945	0,000	7509,945	0,000 N	00 08:18:21	89+772	7,510	7,510
29902 Line_A	TK2	89,785	7509,945	0,000	7509,945	0,000 N	00 08:18:22	89+785	7,510	7,510
29903 Line_A	TK2	89,799	7509,945	0,000	7509,945	0,000 N	00 08:18:23	89+799	7,510	7,510
29904 Line_A	TK2	89,813	7509,945	0,000	7509,945	0,000 N	00 08:18:24	89+813	7,510	7,510
29905 Line_A	TK2	89,827	7509,945	0,000	7509,945	0,000 N	00 08:18:25	89+827	7,510	7,510
29906 Line_A	TK2	89,841	7402,527	0,000	7402,527	0,000 N	00 08:18:26	89+841	7,403	7,403
29907 Line_A	TK2	89,855	7402,527	0,000	7402,527	0,000 N	00 08:18:27	89+855	7,403	7,403
29908 Line_A	TK2	89,869	7402,527	0,000	7402,527	0,000 N	00 08:18:28	89+869	7,403	7,403
29909 Line_A	TK2	89,883	7402,527	0,000	7402,527	0,000 N	00 08:18:29	89+883	7,403	7,403
29910 Line_A	TK2	89,897	7402,527	0,000	7402,527	0,000 N	00 08:18:30	89+897	7,403	7,403
29911 Line_A	TK2	89,910	7382,300	0,000	7382,300	0,000 N	00 08:18:31	89+910	7,382	7,382
29912 Line_A	TK2	89,924	7382,300	0,000	7382,300	0,000 N	00 08:18:32	89+924	7,382	7,382
29913 Line_A	TK2	89,938	7382,300	0,000	7382,300	0,000 N	00 08:18:33	89+938	7,382	7,382

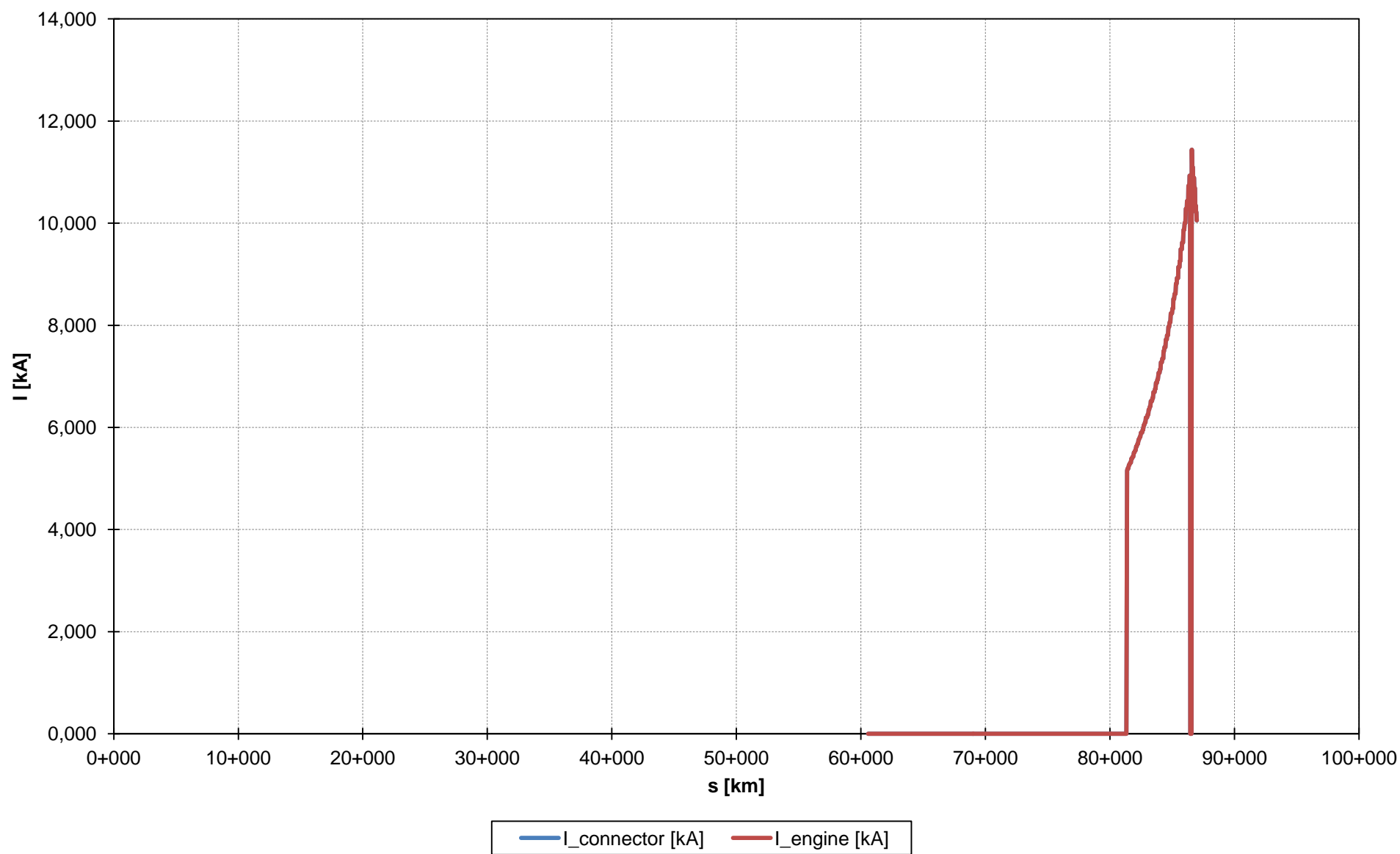


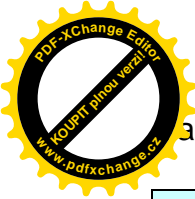
29914 Line_A	TK2	89,952	7382,300	0,000	7382,300	0,000 N	00 08:18:34	89+952	7,382	7,382
29915 Line_A	TK2	89,966	7285,462	0,000	7285,462	0,000 N	00 08:18:35	89+966	7,285	7,285
29916 Line_A	TK2	89,980	7285,462	0,000	7285,462	0,000 N	00 08:18:36	89+980	7,285	7,285
29917 Line_A	TK2	89,994	7285,462	0,000	7285,462	0,000 N	00 08:18:37	89+994	7,285	7,285
29918 Line_A	TK2	90,008	7285,462	0,000	7285,462	0,000 N	00 08:18:38	90+008	7,285	7,285
29919 Line_A	TK2	90,022	7285,462	0,000	7285,462	0,000 N	00 08:18:39	90+022	7,285	7,285
29920 Line_A	TK2	90,035	7285,462	0,000	7285,462	0,000 N	00 08:18:40	90+035	7,285	7,285
29921 Line_A	TK2	90,049	7183,939	0,000	7183,939	0,000 N	00 08:18:41	90+049	7,184	7,184
29922 Line_A	TK2	90,063	7183,939	0,000	7183,939	0,000 N	00 08:18:42	90+063	7,184	7,184
29923 Line_A	TK2	90,077	7183,939	0,000	7183,939	0,000 N	00 08:18:43	90+077	7,184	7,184
29924 Line_A	TK2	90,091	7183,939	0,000	7183,939	0,000 N	00 08:18:44	90+091	7,184	7,184
29925 Line_A	TK2	90,105	7183,939	0,000	7183,939	0,000 N	00 08:18:45	90+105	7,184	7,184
29926 Line_A	TK2	90,119	7161,090	0,000	7161,090	0,000 N	00 08:18:46	90+119	7,161	7,161
29927 Line_A	TK2	90,133	7161,090	0,000	7161,090	0,000 N	00 08:18:47	90+133	7,161	7,161
29928 Line_A	TK2	90,147	7122,705	0,000	7122,705	0,000 N	00 08:18:48	90+147	7,123	7,123



Průběh zkratového proudu SS trakce 3kV, Přerov - Nezamyslice

$$I = f(s)$$

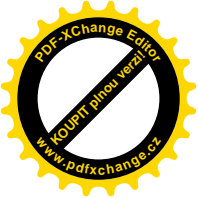




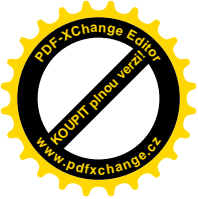
Tabulky zkratového proudu SS trakce 3kV, Přerov - Nezamyslice

	1	Simulation Duration	00 00:00:57
Simulation	001 2024-10-09 11:50:08 2023_045stavbaKojetin-Prerov short circuit	Time Step [s]	1,0
	1		
Network	Prerovka_DC		
	1		
Substation	TNS Rikovice		
	1		
Busbar	OCS_BB		
	883		
Feeder to	Line: Line_A; Track: TK1; km: 86,551; condName: CW		
	All		
Line	All		
	2		
Course	Ex_Ex1_Prerov_Nezamyslice.3		
	All		
Values	All		

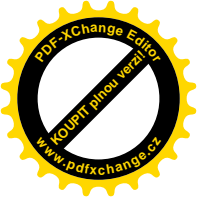
B	B	B	B	D			D		D		B	B	D	D			
I_connector														I_engine			
t [s]	lineID	trackID	s [km]	I_real [A]	I_imag [A]	I_real [A]	I_imag [A]	Failed?	time	s [km]	I_connector [k	I_engine [kA]					
	31321 Line_A	SK3_Pre	86,984	10056,778	0,000	10056,778	0,000	N	00 08:42:01	86+984	10,057	10,057					
	31322 Line_A	SK3_Pre	86,970	10056,778	0,000	10056,778	0,000	N	00 08:42:02	86+970	10,057	10,057					
	31323 Line_A	SK3_Pre	86,956	10056,778	0,000	10056,778	0,000	N	00 08:42:03	86+956	10,057	10,057					
	31324 Line_A	SK3_Pre	86,941	10215,132	0,000	10215,132	0,000	N	00 08:42:04	86+941	10,215	10,215					
	31325 Line_A	SK3_Pre	86,926	10215,132	0,000	10215,132	0,000	N	00 08:42:05	86+926	10,215	10,215					
	31326 Line_A	SK3_Pre	86,910	10215,132	0,000	10215,132	0,000	N	00 08:42:06	86+910	10,215	10,215					
	31327 Line_A	SK3_Pre	86,895	10343,263	0,000	10343,263	0,000	N	00 08:42:07	86+895	10,343	10,343					
	31328 Line_A	SK3_Pre	86,878	10343,263	0,000	10343,263	0,000	N	00 08:42:08	86+878	10,343	10,343					
	31329 Line_A	SK3_Pre	86,862	10343,263	0,000	10343,263	0,000	N	00 08:42:09	86+862	10,343	10,343					
	31330 Line_A	SK3_Pre	86,845	10343,263	0,000	10343,263	0,000	N	00 08:42:10	86+845	10,343	10,343					
	31331 Line_A	SK3_Pre	86,829	10687,422	0,000	10687,422	0,000	N	00 08:42:11	86+829	10,687	10,687					
	31332 Line_A	SK3_Pre	86,812	10687,422	0,000	10687,422	0,000	N	00 08:42:12	86+812	10,687	10,687					
	31333 Line_A	SK3_Pre	86,795	10687,422	0,000	10687,422	0,000	N	00 08:42:13	86+795	10,687	10,687					
	31334 Line_A	TK1	86,779	10687,879	0,000	10687,879	0,000	N	00 08:42:14	86+779	10,688	10,688					
	31335 Line_A	TK1	86,762	10687,879	0,000	10687,879	0,000	N	00 08:42:15	86+762	10,688	10,688					
	31336 Line_A	TK1	86,745	10887,006	0,000	10887,006	0,000	N	00 08:42:16	86+745	10,887	10,887					
	31337 Line_A	TK1	86,729	10887,006	0,000	10887,006	0,000	N	00 08:42:17	86+729	10,887	10,887					
	31338 Line_A	TK1	86,712	10887,006	0,000	10887,006	0,000	N	00 08:42:18	86+712	10,887	10,887					
	31339 Line_A	TK1	86,695	10887,006	0,000	10887,006	0,000	N	00 08:42:19	86+695	10,887	10,887					
	31340 Line_A	TK1	86,679	10887,006	0,000	10887,006	0,000	N	00 08:42:20	86+679	10,887	10,887					
	31341 Line_A	TK1	86,662	11094,446	0,000	11094,446	0,000	N	00 08:42:21	86+662	11,094	11,094					
	31342 Line_A	TK1	86,645	11094,446	0,000	11094,446	0,000	N	00 08:42:22	86+645	11,094	11,094					
	31343 Line_A	TK1	86,629	11094,446	0,000	11094,446	0,000	N	00 08:42:23	86+629	11,094	11,094					
	31344 Line_A	TK1	86,612	11094,446	0,000	11094,446	0,000	N	00 08:42:24	86+612	11,094	11,094					
	31345 Line_A	TK1	86,595	11094,446	0,000	11094,446	0,000	N	00 08:42:25	86+595	11,094	11,094					



31346 Line_A	TK1	86,579	11438,146	0,000	11438,146	0,000 N	00 08:42:26	86+579	11,438	11,438
31347 Line_A	TK1	86,562	11438,146	0,000	11438,146	0,000 N	00 08:42:27	86+562	11,438	11,438
31348 Line_A	TK1	86,545	0,000	0,000	0,000	0,000 N	00 08:42:28	86+545	0,000	0,000
31349 Line_A	TK1	86,527	0,000	0,000	0,000	0,000 N	00 08:42:29	86+527	0,000	0,000
31350 Line_A	TK1	86,510	0,000	0,000	0,000	0,000 N	00 08:42:30	86+510	0,000	0,000
31351 Line_A	TK1	86,492	0,000	0,000	0,000	0,000 N	00 08:42:31	86+492	0,000	0,000
31352 Line_A	TK1	86,475	0,000	0,000	0,000	0,000 N	00 08:42:32	86+475	0,000	0,000
31353 Line_A	TK1	86,458	0,000	0,000	0,000	0,000 N	00 08:42:33	86+458	0,000	0,000
31354 Line_A	TK1	86,440	0,000	0,000	0,000	0,000 N	00 08:42:34	86+440	0,000	0,000
31355 Line_A	TK1	86,423	10928,270	0,000	10928,270	0,000 N	00 08:42:35	86+423	10,928	10,928
31356 Line_A	TK1	86,406	10928,270	0,000	10928,270	0,000 N	00 08:42:36	86+406	10,928	10,928
31357 Line_A	TK1	86,388	10928,270	0,000	10928,270	0,000 N	00 08:42:37	86+388	10,928	10,928
31358 Line_A	TK1	86,370	10730,382	0,000	10730,382	0,000 N	00 08:42:38	86+370	10,730	10,730
31359 Line_A	TK1	86,352	10730,382	0,000	10730,382	0,000 N	00 08:42:39	86+352	10,730	10,730
31360 Line_A	TK1	86,333	10730,382	0,000	10730,382	0,000 N	00 08:42:40	86+333	10,730	10,730
31361 Line_A	TK1	86,314	10730,382	0,000	10730,382	0,000 N	00 08:42:41	86+314	10,730	10,730
31362 Line_A	TK1	86,294	10730,382	0,000	10730,382	0,000 N	00 08:42:42	86+294	10,730	10,730
31363 Line_A	TK1	86,275	10430,995	0,000	10430,995	0,000 N	00 08:42:43	86+275	10,431	10,431
31364 Line_A	TK1	86,255	10430,995	0,000	10430,995	0,000 N	00 08:42:44	86+255	10,431	10,431
31365 Line_A	TK1	86,234	10430,995	0,000	10430,995	0,000 N	00 08:42:45	86+234	10,431	10,431
31366 Line_A	TK1	86,214	10430,995	0,000	10430,995	0,000 N	00 08:42:46	86+214	10,431	10,431
31367 Line_A	TK1	86,193	10430,995	0,000	10430,995	0,000 N	00 08:42:47	86+193	10,431	10,431
31368 Line_A	TK1	86,171	10280,160	0,000	10280,160	0,000 N	00 08:42:48	86+171	10,280	10,280
31369 Line_A	TK1	86,150	10280,160	0,000	10280,160	0,000 N	00 08:42:49	86+150	10,280	10,280
31370 Line_A	TK1	86,128	10280,160	0,000	10280,160	0,000 N	00 08:42:50	86+128	10,280	10,280
31371 Line_A	TK1	86,106	10280,160	0,000	10280,160	0,000 N	00 08:42:51	86+106	10,280	10,280
31372 Line_A	TK1	86,083	10280,160	0,000	10280,160	0,000 N	00 08:42:52	86+083	10,280	10,280
31373 Line_A	TK1	86,061	10006,878	0,000	10006,878	0,000 N	00 08:42:53	86+061	10,007	10,007
31374 Line_A	TK1	86,037	10006,878	0,000	10006,878	0,000 N	00 08:42:54	86+037	10,007	10,007
31375 Line_A	TK1	86,014	10006,878	0,000	10006,878	0,000 N	00 08:42:55	86+014	10,007	10,007
31376 Line_A	TK1	85,990	10006,878	0,000	10006,878	0,000 N	00 08:42:56	85+990	10,007	10,007
31377 Line_A	TK1	85,966	9868,448	0,000	9868,448	0,000 N	00 08:42:57	85+966	9,868	9,868
31378 Line_A	TK1	85,942	9868,448	0,000	9868,448	0,000 N	00 08:42:58	85+942	9,868	9,868
31379 Line_A	TK1	85,917	9868,448	0,000	9868,448	0,000 N	00 08:42:59	85+917	9,868	9,868
31380 Line_A	TK1	85,892	9868,448	0,000	9868,448	0,000 N	00 08:43:00	85+892	9,868	9,868
31381 Line_A	TK1	85,867	9616,982	0,000	9616,982	0,000 N	00 08:43:01	85+867	9,617	9,617
31382 Line_A	TK1	85,842	9616,982	0,000	9616,982	0,000 N	00 08:43:02	85+842	9,617	9,617
31383 Line_A	TK1	85,816	9616,982	0,000	9616,982	0,000 N	00 08:43:03	85+816	9,617	9,617
31384 Line_A	TK1	85,790	9616,982	0,000	9616,982	0,000 N	00 08:43:04	85+790	9,617	9,617
31385 Line_A	TK1	85,763	9489,569	0,000	9489,569	0,000 N	00 08:43:05	85+763	9,490	9,490
31386 Line_A	TK1	85,737	9489,569	0,000	9489,569	0,000 N	00 08:43:06	85+737	9,490	9,490
31387 Line_A	TK1	85,710	9489,569	0,000	9489,569	0,000 N	00 08:43:07	85+710	9,490	9,490
31388 Line_A	TK1	85,683	9489,569	0,000	9489,569	0,000 N	00 08:43:08	85+683	9,490	9,490
31389 Line_A	TK1	85,655	9257,289	0,000	9257,289	0,000 N	00 08:43:09	85+655	9,257	9,257
31390 Line_A	TK1	85,627	9257,289	0,000	9257,289	0,000 N	00 08:43:10	85+627	9,257	9,257
31391 Line_A	TK1	85,600	9257,289	0,000	9257,289	0,000 N	00 08:43:11	85+600	9,257	9,257
31392 Line_A	TK1	85,572	9139,603	0,000	9139,603	0,000 N	00 08:43:12	85+572	9,140	9,140
31393 Line_A	TK1	85,544	9139,603	0,000	9139,603	0,000 N	00 08:43:13	85+544	9,140	9,140
31394 Line_A	TK1	85,516	9139,603	0,000	9139,603	0,000 N	00 08:43:14	85+516	9,140	9,140
31395 Line_A	TK1	85,488	9139,603	0,000	9139,603	0,000 N	00 08:43:15	85+488	9,140	9,140
31396 Line_A	TK1	85,461	8924,335	0,000	8924,335	0,000 N	00 08:43:16	85+461	8,924	8,924
31397 Line_A	TK1	85,433	8924,335	0,000	8924,335	0,000 N	00 08:43:17	85+433	8,924	8,924



31398 Line_A	TK1	85,405	8924,335	0,000	8924,335	0,000 N	00 08:43:18	85+405	8,924	8,924
31399 Line_A	TK1	85,377	8924,335	0,000	8924,335	0,000 N	00 08:43:19	85+377	8,924	8,924
31400 Line_A	TK1	85,350	8815,271	0,000	8815,271	0,000 N	00 08:43:20	85+350	8,815	8,815
31401 Line_A	TK1	85,322	8815,271	0,000	8815,271	0,000 N	00 08:43:21	85+322	8,815	8,815
31402 Line_A	TK1	85,294	8815,271	0,000	8815,271	0,000 N	00 08:43:22	85+294	8,815	8,815
31403 Line_A	TK1	85,266	8615,163	0,000	8615,163	0,000 N	00 08:43:23	85+266	8,615	8,615
31404 Line_A	TK1	85,238	8615,163	0,000	8615,163	0,000 N	00 08:43:24	85+238	8,615	8,615
31405 Line_A	TK1	85,210	8615,163	0,000	8615,163	0,000 N	00 08:43:25	85+210	8,615	8,615
31406 Line_A	TK1	85,182	8615,163	0,000	8615,163	0,000 N	00 08:43:26	85+182	8,615	8,615
31407 Line_A	TK1	85,153	8513,773	0,000	8513,773	0,000 N	00 08:43:27	85+153	8,514	8,514
31408 Line_A	TK1	85,124	8513,773	0,000	8513,773	0,000 N	00 08:43:28	85+124	8,514	8,514
31409 Line_A	TK1	85,094	8513,773	0,000	8513,773	0,000 N	00 08:43:29	85+094	8,514	8,514
31410 Line_A	TK1	85,065	8327,233	0,000	8327,233	0,000 N	00 08:43:30	85+065	8,327	8,327
31411 Line_A	TK1	85,035	8327,233	0,000	8327,233	0,000 N	00 08:43:31	85+035	8,327	8,327
31412 Line_A	TK1	85,005	8327,233	0,000	8327,233	0,000 N	00 08:43:32	85+005	8,327	8,327
31413 Line_A	TK1	84,974	8232,703	0,000	8232,703	0,000 N	00 08:43:33	84+974	8,233	8,233
31414 Line_A	TK1	84,943	8232,703	0,000	8232,703	0,000 N	00 08:43:34	84+943	8,233	8,233
31415 Line_A	TK1	84,912	8232,703	0,000	8232,703	0,000 N	00 08:43:35	84+912	8,233	8,233
31416 Line_A	TK1	84,881	8232,703	0,000	8232,703	0,000 N	00 08:43:36	84+881	8,233	8,233
31417 Line_A	TK1	84,849	8058,353	0,000	8058,353	0,000 N	00 08:43:37	84+849	8,058	8,058
31418 Line_A	TK1	84,818	8058,353	0,000	8058,353	0,000 N	00 08:43:38	84+818	8,058	8,058
31419 Line_A	TK1	84,786	8058,353	0,000	8058,353	0,000 N	00 08:43:39	84+786	8,058	8,058
31420 Line_A	TK1	84,753	7969,976	0,000	7969,976	0,000 N	00 08:43:40	84+753	7,970	7,970
31421 Line_A	TK1	84,720	7969,976	0,000	7969,976	0,000 N	00 08:43:41	84+720	7,970	7,970
31422 Line_A	TK1	84,687	7969,976	0,000	7969,976	0,000 N	00 08:43:42	84+687	7,970	7,970
31423 Line_A	TK1	84,654	7806,621	0,000	7806,621	0,000 N	00 08:43:43	84+654	7,807	7,807
31424 Line_A	TK1	84,621	7806,621	0,000	7806,621	0,000 N	00 08:43:44	84+621	7,807	7,807
31425 Line_A	TK1	84,587	7806,621	0,000	7806,621	0,000 N	00 08:43:45	84+587	7,807	7,807
31426 Line_A	TK1	84,553	7723,785	0,000	7723,785	0,000 N	00 08:43:46	84+553	7,724	7,724
31427 Line_A	TK1	84,518	7723,785	0,000	7723,785	0,000 N	00 08:43:47	84+518	7,724	7,724
31428 Line_A	TK1	84,484	7723,785	0,000	7723,785	0,000 N	00 08:43:48	84+484	7,724	7,724
31429 Line_A	TK1	84,449	7570,379	0,000	7570,379	0,000 N	00 08:43:49	84+449	7,570	7,570
31430 Line_A	TK1	84,414	7570,379	0,000	7570,379	0,000 N	00 08:43:50	84+414	7,570	7,570
31431 Line_A	TK1	84,378	7570,379	0,000	7570,379	0,000 N	00 08:43:51	84+378	7,570	7,570
31432 Line_A	TK1	84,342	7492,547	0,000	7492,547	0,000 N	00 08:43:52	84+342	7,493	7,493
31433 Line_A	TK1	84,306	7492,547	0,000	7492,547	0,000 N	00 08:43:53	84+306	7,493	7,493
31434 Line_A	TK1	84,270	7348,175	0,000	7348,175	0,000 N	00 08:43:54	84+270	7,348	7,348
31435 Line_A	TK1	84,234	7348,175	0,000	7348,175	0,000 N	00 08:43:55	84+234	7,348	7,348
31436 Line_A	TK1	84,197	7348,175	0,000	7348,175	0,000 N	00 08:43:56	84+197	7,348	7,348
31437 Line_A	TK1	84,160	7274,876	0,000	7274,876	0,000 N	00 08:43:57	84+160	7,275	7,275
31438 Line_A	TK1	84,122	7274,876	0,000	7274,876	0,000 N	00 08:43:58	84+122	7,275	7,275
31439 Line_A	TK1	84,085	7274,876	0,000	7274,876	0,000 N	00 08:43:59	84+085	7,275	7,275
31440 Line_A	TK1	84,047	7138,730	0,000	7138,730	0,000 N	00 08:44:00	84+047	7,139	7,139
31441 Line_A	TK1	84,009	7138,730	0,000	7138,730	0,000 N	00 08:44:01	84+009	7,139	7,139
31442 Line_A	TK1	83,970	7069,549	0,000	7069,549	0,000 N	00 08:44:02	83+970	7,070	7,070
31443 Line_A	TK1	83,931	7069,549	0,000	7069,549	0,000 N	00 08:44:03	83+931	7,070	7,070
31444 Line_A	TK1	83,893	7069,549	0,000	7069,549	0,000 N	00 08:44:04	83+893	7,070	7,070
31445 Line_A	TK1	83,853	6940,915	0,000	6940,915	0,000 N	00 08:44:05	83+853	6,941	6,941
31446 Line_A	TK1	83,814	6940,915	0,000	6940,915	0,000 N	00 08:44:06	83+814	6,941	6,941
31447 Line_A	TK1	83,774	6875,486	0,000	6875,486	0,000 N	00 08:44:07	83+774	6,875	6,875
31448 Line_A	TK1	83,734	6875,486	0,000	6875,486	0,000 N	00 08:44:08	83+734	6,875	6,875
31449 Line_A	TK1	83,694	6875,486	0,000	6875,486	0,000 N	00 08:44:09	83+694	6,875	6,875



31450 Line_A	TK1	83,654	6753,730	0,000	6753,730	0,000 N	00 08:44:10	83+654	6,754	6,754
31451 Line_A	TK1	83,613	6753,730	0,000	6753,730	0,000 N	00 08:44:11	83+613	6,754	6,754
31452 Line_A	TK1	83,572	6691,726	0,000	6691,726	0,000 N	00 08:44:12	83+572	6,692	6,692
31453 Line_A	TK1	83,531	6691,726	0,000	6691,726	0,000 N	00 08:44:13	83+531	6,692	6,692
31454 Line_A	TK1	83,490	6691,726	0,000	6691,726	0,000 N	00 08:44:14	83+490	6,692	6,692
31455 Line_A	TK1	83,448	6576,284	0,000	6576,284	0,000 N	00 08:44:15	83+448	6,576	6,576
31456 Line_A	TK1	83,406	6576,284	0,000	6576,284	0,000 N	00 08:44:16	83+406	6,576	6,576
31457 Line_A	TK1	83,364	6517,414	0,000	6517,414	0,000 N	00 08:44:17	83+364	6,517	6,517
31458 Line_A	TK1	83,322	6517,414	0,000	6517,414	0,000 N	00 08:44:18	83+322	6,517	6,517
31459 Line_A	TK1	83,279	6517,414	0,000	6517,414	0,000 N	00 08:44:19	83+279	6,517	6,517
31460 Line_A	TK1	83,237	6407,781	0,000	6407,781	0,000 N	00 08:44:20	83+237	6,408	6,408
31461 Line_A	TK1	83,194	6407,781	0,000	6407,781	0,000 N	00 08:44:21	83+194	6,408	6,408
31462 Line_A	TK1	83,151	6351,787	0,000	6351,787	0,000 N	00 08:44:22	83+151	6,352	6,352
31463 Line_A	TK1	83,107	6351,787	0,000	6351,787	0,000 N	00 08:44:23	83+107	6,352	6,352
31464 Line_A	TK1	83,064	6247,510	0,000	6247,510	0,000 N	00 08:44:24	83+064	6,248	6,248
31465 Line_A	TK1	83,020	6247,510	0,000	6247,510	0,000 N	00 08:44:25	83+020	6,248	6,248
31466 Line_A	TK1	82,976	6194,158	0,000	6194,158	0,000 N	00 08:44:26	82+976	6,194	6,194
31467 Line_A	TK1	82,932	6194,158	0,000	6194,158	0,000 N	00 08:44:27	82+932	6,194	6,194
31468 Line_A	TK1	82,887	6194,158	0,000	6194,158	0,000 N	00 08:44:28	82+887	6,194	6,194
31469 Line_A	TK1	82,843	6094,829	0,000	6094,829	0,000 N	00 08:44:29	82+843	6,095	6,095
31470 Line_A	TK1	82,798	6094,829	0,000	6094,829	0,000 N	00 08:44:30	82+798	6,095	6,095
31471 Line_A	TK1	82,753	6043,910	0,000	6043,910	0,000 N	00 08:44:31	82+753	6,044	6,044
31472 Line_A	TK1	82,708	6043,910	0,000	6043,910	0,000 N	00 08:44:32	82+708	6,044	6,044
31473 Line_A	TK1	82,662	5949,163	0,000	5949,163	0,000 N	00 08:44:33	82+662	5,949	5,949
31474 Line_A	TK1	82,617	5949,163	0,000	5949,163	0,000 N	00 08:44:34	82+617	5,949	5,949
31475 Line_A	TK1	82,571	5900,487	0,000	5900,487	0,000 N	00 08:44:35	82+571	5,900	5,900
31476 Line_A	TK1	82,525	5900,487	0,000	5900,487	0,000 N	00 08:44:36	82+525	5,900	5,900
31477 Line_A	TK1	82,479	5900,487	0,000	5900,487	0,000 N	00 08:44:37	82+479	5,900	5,900
31478 Line_A	TK1	82,433	5809,990	0,000	5809,990	0,000 N	00 08:44:38	82+433	5,810	5,810
31479 Line_A	TK1	82,386	5809,990	0,000	5809,990	0,000 N	00 08:44:39	82+386	5,810	5,810
31480 Line_A	TK1	82,339	5763,386	0,000	5763,386	0,000 N	00 08:44:40	82+339	5,763	5,763
31481 Line_A	TK1	82,292	5763,386	0,000	5763,386	0,000 N	00 08:44:41	82+292	5,763	5,763
31482 Line_A	TK1	82,245	5676,838	0,000	5676,838	0,000 N	00 08:44:42	82+245	5,677	5,677
31483 Line_A	TK1	82,198	5676,838	0,000	5676,838	0,000 N	00 08:44:43	82+198	5,677	5,677
31484 Line_A	TK1	82,151	5632,151	0,000	5632,151	0,000 N	00 08:44:44	82+151	5,632	5,632
31485 Line_A	TK1	82,103	5632,151	0,000	5632,151	0,000 N	00 08:44:45	82+103	5,632	5,632
31486 Line_A	TK1	82,055	5549,278	0,000	5549,278	0,000 N	00 08:44:46	82+055	5,549	5,549
31487 Line_A	TK1	82,007	5549,278	0,000	5549,278	0,000 N	00 08:44:47	82+007	5,549	5,549
31488 Line_A	TK1	81,959	5506,367	0,000	5506,367	0,000 N	00 08:44:48	81+959	5,506	5,506
31489 Line_A	TK1	81,911	5506,367	0,000	5506,367	0,000 N	00 08:44:49	81+911	5,506	5,506
31490 Line_A	TK1	81,862	5426,920	0,000	5426,920	0,000 N	00 08:44:50	81+862	5,427	5,427
31491 Line_A	TK1	81,814	5426,920	0,000	5426,920	0,000 N	00 08:44:51	81+814	5,427	5,427
31492 Line_A	TK1	81,765	5385,656	0,000	5385,656	0,000 N	00 08:44:52	81+765	5,386	5,386
31493 Line_A	TK1	81,716	5385,656	0,000	5385,656	0,000 N	00 08:44:53	81+716	5,386	5,386
31494 Line_A	TK1	81,667	5309,408	0,000	5309,408	0,000 N	00 08:44:54	81+667	5,309	5,309
31495 Line_A	TK1	81,618	5309,408	0,000	5309,408	0,000 N	00 08:44:55	81+618	5,309	5,309
31496 Line_A	TK1	81,568	5269,661	0,000	5269,661	0,000 N	00 08:44:56	81+568	5,270	5,270
31497 Line_A	TK1	81,519	5269,661	0,000	5269,661	0,000 N	00 08:44:57	81+519	5,270	5,270
31498 Line_A	TK1	81,469	5196,409	0,000	5196,409	0,000 N	00 08:44:58	81+469	5,196	5,196
31499 Line_A	TK1	81,419	5196,409	0,000	5196,409	0,000 N	00 08:44:59	81+419	5,196	5,196
31500 Line_A	TK1	81,369	5153,855	0,000	5153,855	0,000 N	00 08:45:00	81+369	5,154	5,154
31501 Line_A	TK1	81,319	0,000	0,000	0,000	0,000 N	00 08:45:01	81+319	0,000	0,000