#### 아. RAMP-F

#### BP

DO THE	X :	197677.86302	바일가	319 " 59' 28.14"
BP 좌표	Υ	220935.60035	8 H S	319 39 20.14

# IP (좌향)

구 분	분 원곡선		0 * 0 ' 0.00"		
10717	X 197700.84137	반의간	1	319 ° 59' 28.14"	
IP좌표	Y 220916.31317		2	319 ° 59' 28.14"	

	주시 치끄	Х	197862.60204	R	287.35000	ÇL	100.67848
원	중요 작표	Υ	221155.69469	ΤL	50.86060	SL	4.46642

구분	누가거리	X 좌표	Y 좌표
ВС	-60.00000	197677 . 86302	220935.60035
E C	0.00000	<b>197723</b> .81973	220897.02599

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
BP	-60.00000	0- 60.00000	197677.86302	220935.60035	319° 59' 28.14"
	-40.00000	0- 40.00000	197693, 18192	220922.74223	319 * 59 28.14"
	-20.00000	0- 20.00000	197708.50083	220909.88411	319° 59' 28.14"
EC	0.00000	0+ 0.00000	197723.81973	220897.02599	319 * 59' 28.14"

## IP1 (우향)

구 분	. 원 곡 선	교각(IA)	20°	4' 28.76"
107177	X 197762.77616	910:21	1	319 ° 59' 28.14"
1P좌표	Y 220864.32741	방위각	2	340 3' 56.90"

원 중실 자표	Х	197908.55875	R	287.35000	СГ	100.67848
전 공입 화표	Υ	221117.12033	ΤL	50.86060	SL	4.46642

구분	누가거리	X 좌표	Y 좌표
ВС	0.00000	197723.81973	2208 <b>97.02599</b>
E C	100.67848	197810.58944	220846.98696

구 분	누가거리	촉점(STA.)	X 좌 표	Y좌표	방위각
EÇ	0.00000	0+ 0.00000	197723.81973	220897.02599	319° 59' 28.14"
	20.00000	0+ 20.00000	197739.57356	220884.71115	323 * 58 44.49

	40.00000	0+ 40.00000	197756 . 14568	220873.52173	327 °	581	0.83"
	60.00000	0+ 60.00000	197773 . 45586	220863.51191	331 *	57'	17.18"
	80.00000	0+ 80.00000	197791.42026	220854.73017	335 *	561	33.53"
	94.80000	0+ 94.80000	197805.08406	220849.04756	338 °	53'	37.22"
	95.80000	0+ 95.80000	197806.01760	220848.68908	339 °	5'	35.04"
	96.80000	0+ 96.80000	197806.95238	220848.33386	339 °	17'	32.86"
	100.00000	0+100.00000	197809.95189	220847.21904	339 *	55'	49.87"
EC	100.67848	0+100.67848	<b>1978</b> 10.58944	220846.98696	340 °	3'	56.90"

#### IP2 (우향)

구 분	구 분 크 로 소 이 드		교각(IA)	3 °	,		
	Х	197822.61756	방위각	1	340°	3'	56.90"
IP좌표	Υ	220842.62472		2	343 °	53'	27.45"

287.35000	A	105.00000	R 2	0.00000
38.36784		원중심 좌표 <b>1</b>	L 2	0.00000
38.35075	Х	197908.55875	X 2	0.00000
0.85356	Y 2	221117.12033	Y 2	0.00000
0.06676		원중심 좌표 2	T 2	0.00000
25.58454	Х	0.0000	TL2	0.00000
12.79471	Y 2	0.00000	TK2	0.00000
	38.36784 38.35075 0.85356 0.06676 25.58454	38.36784 38.35075 X 0.85356 Y 2 0.06676 25.58454 X	38.36784 원중심 좌표 1 38.35075 X 197908.55875 0.85356 Y 2 221117.12033 0.06676 원중심 좌표 2 25.58454 X 0.00000	38.36784 원중심 좌표 1 L 2 38.35075 X 197908.55875 X 2 0.85356 Y 2 221117.12033 Y 2 0.06676 원중심 좌표 2 T 2 25.58454 X 0.00000 TL2

구분	누가거리	X 좌표	Y 좌표
ΚE	100.67848	197810.58944	220846.98696
KA	139.04632	<b>197847</b> . 19753	220835. <b>52588</b>

구 분	누가거리	축점(STA.)	X좌표	Y좌표	방	위각
KE	100.67848	0+100.67848	197810.58944	220846.98696	340 *	3' 56.90"
	111.30000	0+111.30000	197820.63349	220843.53382	341 ° 5	3' 25.87"
	111.30000	0+111.30000	197820.63349	220843.53382	341 ° 5	3' 25.87"
	111.80000	0+111.80000	197821 . 10882	220843.37870	341° 5	7' 43.09"
<del></del>	111.80000	0+111.80000	197821 . 10882	220843.37870	341 ° 5	7' 43.09"
	120.00000	0+120.00000	197828.92853	220840.91079	342 ° 5	3' 54.02"
KA	139.04632	0+139.04632	197847 . 19753	220835.52588	343 ° 5	3' 27.45"

## IP3 (좌향)

구분		크 로 소 이 드	교각(IA)	2 °	9' 34.16"
LOT! T	X	197871.33954	방위각	1	343 ° 53' 27.45"
IP좌표	Υ	220828.55352	871	2	341 43 53.28"

R 1	0.0000	Α	137.27747	R 2	500.00000
L 1	0.00000		원중심 좌표 1	L 2	37.69021
X 1	0.00000	Х	0.00000	X 2	37.68485
Y 1	0.00000	Y 2	0.00000	Y 2	0.47347
T 1	0.00000		원중심 좌표 2	T 2	0.03769
TL1	0.00000	X	197726.53585	TL2	25.12867
TK1	0.0000	Y 2	220349.81583	TK2	12.56510

구분	누가거리	X 좌표	Y 좌표
КА	139,04632	197847.19753	220835.52588
ΚE	176.73653	197883.27133	220824.61472

구 분	누가거리	촉점(STA.)	X 좌 표	Y좌표	방위각
KA	139.04632	0+139.04632	197847 . 19753	220835.52588	343 ° 53 ' 27.45"
	140.00000	0+140.00000	197848.11376	220835.26126	343 ° 53 ' 22.47"
	160,00000	0+160.00000	197867.30562	220829.63385	343 * 13' 24.65"
KE	176.73653	0+176.73653	197883.27133	220824.61472	341 * 43   53.28"

## IP4 (좌향)

구 분	원 곡 선		교각(IA)	8 "	121 53	53.28"		
10717	X	197917.36698	방위각	1	341°	43'	53.28"	
IP좌표 	Υ	220813.35944	375	2	333 °	31'	0.00"	

의 조시 되죠	Х	197726.53585	R	500.00000	CL	71.68766
원 중심 좌표 	Υ	220349.81583	ΤL	35.90536	SL	1.28754

구분	누가거리	X 좌표	Y 좌표
ВС	176.73653	197883.27133	220824.61472
E C	248.42419	197949.50458	220797.34789

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위	리각
BC	176.73653	0+176.73653	197883.27133	220824.61472	341 ° 43	53.28
	180.00000	0+180.00000	197886.36695	220823.58161	341 ° 21	27.01
	195.80000	0+195.80000	197901.25566	220818.29527	339 ° 32	49.04
<u></u>	195.80000	0+195.80000	197901.25566	220818.29527	339 ° 32	49.04
	196.30000	0+196.30000	197901.72406	220818.12032	339 ° 29	' 22.77
	196.30000	0+196.30000	197901.72406	220818.12032	339 ° 29	22.77
	200.00000	0+200.00000	197905.18468	220816.81111	339 ° 3	56.41
	220.00000	0+220.00000	197923.71661	220809.29352	336 ° 46	25.82
	240.00000	0+240.00000	197941.93310	220801.04086	334 ° 28	55.23
EC	248.42419	0+248.42419	197949.50458	220797.34789	333 * 31	0.00

## IP5 (좌향)

구 분		원 곡 선	교각(IA)	0 0 0 0.00			
10717	Х	197991.38686	HŁOLZŁ	1	333 °	31'	0.00"
IP좌표	Υ	220776.48137	방위각	2	333 °	31'	0.00"

원 주신 자꾸	Х	0.00000	R	0.00000	GL	0.00000
[건 중심 좌표 	Υ	0.00000	ΤL	0.00000	S L	0.00000

구분	누가거리	X 좌표	Y 좌표
ВС	248.42419	197949.50458	220797.34789
E C	342.00917	198033.26913	220755.61484

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위	라
EC	248.42419	0+248.42419	19 <b>7</b> 949.50458	220797.34789	333° 31′	0.00"
	255.90000	0+255.90000	197956.19590	220794.01415	333° 31′	0.00"
	255.90000	0+255.90000	197956.19590	220794.01415	333° 31′	0.00"
	256.40000	0+256.40000	197956.64344	220793.79118	333° 31′	0.00"
	256.40000	0+256.40000	197956.64344	220793.79118	333° 31′	0.00"
	260.00000	0+260.00000	197959.86567	220792.18580	333° 31′	0.00"
	280.00000	0+280.00000	197977.76695	220783.26705	333° 31′	0.00"
	292.40000	0+292.40000	197988.86574	220777.73743	333° 31′	0.00"
	292.40000	0+292.40000	197988.86574	220777.73743	333° 31′	0.00"
	292.90000	0+292.90000	197989.31328	220777.51446	333° 31′	0.00"
	292.90000	0+292.90000	197989.31328	220777.51446	333° 31′	0.00"
	300.00000	0+300.00000	197995.66823	220774.34831	333° 31′	0.00"
	315.90000	0+315.90000	198009.89975	220767.25790	333° 31′	0.00"
	315.90000	0+315.90000	198009.89975	220767.25790	333° 31′	0.00"
	316.40000	0+316.40000	198010.34728	220767.03493	333° 31′	0.00"
	316.40000	0+316.40000	198010.34728	220767.03493	333° 31′	0.00"
	320.00000	0+320.00000	198013.56951	220765.42956	333° 31′	0.00"
	340.00000	0+340.00000	198031.47080	220756.51081	333° 31′	0.00"
EC	342.00917	0+342.00917	198033.26913	220755.61484	333° 31′	0.00"

## IP6 (우향)

구 분		크로소이드	교각(IA)	5 °	27' 53.35"
10717	χ	198056.04544	HIOLDI	1	333 * 31' 0.00"
IP좌표	Υ	220744.26727	방위각	2	338 ° 58 ' 53.35"

R 1	0.00000	А	87.35175	R 2	200.00000
L 1	0.00000		원중심 좌표 1	L 2	38.15164
X 1	0.00000	Х	0.00000	X 2	38.11695

Y 1	0.0000	Y 2	0.00000	Y 2	1.21217
Т 1	0.00000		원중심 좌표 2	중심 좌표 2	
TL1	0.00000	Х	198139.66071	TL2	25.44656
TK1	0.00000	Y 2	220926.39495	TK2	12.72824

구분	누가거리	X 좌표	Y 좌표
KA	342.00917	198033.26913	220755.61484
ΚE	380 , 16081	198067,92680	220739.70204

구 분	누가거리	축점(STA.)	X좌표	Y좌표	방위각
KA	342.00917	0+342.00917	198033.26913	220755.61484	333 ° 31 ' 0.00"
	360.00000	0+360.00000	198049.42807	220747.70626	334° 43' 54.76"
	375.50000	0+375.50000	198063.59514	220741.42222	337 * 43 40.16"
	375.50000	0+375.50000	198063.59514	220741.42222	337 ° 43' 40.16"
	376.00000	0+376.00000	198064.05804	220741.23322	337 ° 51 ' 16.20"
	376.00000	0+376.00000	198064.05804	220741.23322	337 * 51' 16.20"
	380.00000	0+380.00000	198067.77671	220739.75977	338 * 56   7.85"
KE	380.16081	0+380.16081	198067.92680	220739.70204	338 * 58' 53.35"

## IP7 (우향)

구 분		원 곡 선	교각(IA)	12 * 48' 9.32"			
10717	χ	198088.87204	HLOI71	1	338 °	58'	53.35"
IP좌표	Υ	220731.65415	방위각	2	351 *	47'	2.68"

의 주시 자꾸	Х	198139.66071	R	200.00000	CL	44.68947
원 중심 좌표	Y	220926.39495	ΤL	22.43817	\$ L	1.25474

구분	누가거리	X 좌표	Y 좌표
ВС	380.16081	198067,92680	220739.70204
E C	424.85028	198111.07992	220728.44764

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
BC	380.16081	0+380.16081	198067.92680	220739.70204	338 * 58 53.3
	383.00000	0+383.00000	198070.58422	220738.70255	339 ° 47 ' 41.4
	387.10000	0+387.10000	198074.44616	220737.32602	340 ° 58' 9.9
	393.90000	0+393.90000	198080.91095	220735.21842	342° 55' 2.9
-	394.10000	0+394.10000	198081.10216	220735.15977	342 * 58 29.1
	394.20000	0+394.20000	198081.19778	220735.13051	343 ° 0' 12.3
	398.70000	0+398.70000	198085.51567	220733.86362	344 ° 17' 33.2
	398.80000	0+398.80000	198085.61194	220733.83657	344 * 19' 16.4
	399.00000	0+399.00000	198085.80453	220733.78262	344° 22' 42.6

	400.00000	0+400.00000	198086.76826	220733.51575	344 °	39	53.98"
	407.20000	0+407.20000	198093.74468	220731.73700	346 °	43	39.52"
	420.00000	0+420.00000	198106.28829	220729.19891	350 °	23 '	40.47"
EC	424.85028	0+424.85028	198111.07992	220728.44764	351 °	47'	2.68"

## IP8 (우향)

구 분	크 로 소 이 드		교각(IA)	4 * 52' 48.22"			1
107177	X	198122.32755	HF017F	1	351°	47 '	2.68"
IP좌표	Υ	220726.82364	방위각	2	356 °	39 '	50.90°

R 1	200.00000	A	82.54606	R 2	0.0000
L1	34.06926		원중심 좌표 1	L 2	0.00000
X 1	34.04455	χ	198139.66071	X 2	0.00000
Y 1	0.96676	Y 2	220926.39495	Y 2	0.00000
Т 1	0.08517		원중심 좌표 2	⊺ 2	0.00000
TL1	22.72148	Х	0.00000	TL2	0.0000
TK1	11.36427	Y 2	0.00000	TK2	0.00000

구분	누가거리	X 좌표	Y 좌표
ΚE	424.85028	198111.07992	220728.44764
КА	458.91954	198145.01053	220725.50151

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각	+
KE	424.85028	0+424.85028	198111.07992	220728.44764	351 * 47'	2.68"
	440.00000	0+440.00000	198126.13399	220726.76770	355 ° 9'	33.09"
	452.50000	0+452.50000	198138.60225	220725.88151	356 1 29 1	27.15"
KA	458.91954	0+458.91954	198145.01053	220725.50151	356 ° 39′	50.90"

#### IP9 (좌향)

구 분		크로소이드	교각(IA)	4 ° 52' 48.22"	
18717	X 198167.69351		1	356° 39' 50.90"	
IP좌표	Y	220724.17937	방위각	2	351° 47' 2.68"

R 1	0.00000	A	82.54606	R 2	200.00000
L 1	0.00000		원중심 좌표 1	L 2	34.06926
X 1	0.00000	Х	0.00000	X 2	34.04455
Y 1	0.00000	Y 2	0.00000	Y 2	0.96676
T 1	0.00000		원중심 좌표 2	T 2	0.08517
TL1	0.00000	Х	198150.36034	TL2	22.72148
TK1	0.00000	Y 2	220524.60806	TK2	11.36427

구분	누가거리	X 좌표	Y 좌표
КА	458.91954	198145.01053	220725.50151
KE	492.98880	198178.94114	220722.55537

구 분	누가거리	축점(STA.)	X좌표	Y좌표	방위	각
KA	458.91954	0+458.91954	198145.01053	220725.50151	356 ° 39	50.90"
	460.00000	0+460.00000	198146.08915	220725.43860	356 39	33.23"
	480.00000	0+480.00000	198166.03970	220724.04626	354 ° 47 '	44.81"
	480.30000	0+480.30000	198166.33845	220724.01890	354 ° 44	32.01"
	480.50000	0+480.50000	198166.53760	220724.00051	354 * 42	21.96"
	481.20000	0+481.20000	198167.23454	220723.93515	354 ° 34	37.26"
	481.50000	0+481.50000	198167.53319	220723.90665	354 * 31	13.56"
	482.20000	0+482.20000	198168.22991	220723.83899	354° 23	7.66"
	482.20000	0+482.20000	198168.22991	220723.83899	354 ° 23	7.66"
	483.00000	0+483.00000	198169.02596	220723.75962	354 ° 13	34.19"
	483.00000	0+483.00000	198169.02596	220723.75962	354 ° 13	34.19
	484.30000	0+484.30000	198170.31905	220723.62581	353 ° 57	' 20.98"
	485.50000	0+485.50000	198171.51209	220723.49675	353 ° 41	37.22
KE	492.98880	0+492.98880	198178.94114	220722.55537	351 ° 47	2.68

## IP10 (좌향)

구 분	원 곡 선		교각(IA)	55 °	32' 4	18.28	
(0.7) 77	χ	198283 . 18938	HI OLDI	1	351 °	47'	2.68"
IP좌표	Υ	220707.50339	방위각	2	296 '	141	14.39"

01 25 11 11 11	Х	198150.36034	R	200.00000	CL	193.89472
원 중심 좌표 	Y	220524.60806	ΤL	105.32928	S L	26.04039

구분	누가거리	X 좌표	Y 좌표
ВС	492.98880	198178.94114	220722.55537
E C	686.88352	198329.75445	220613.02613

구 분	누가거리	측점(STA.)	X좌丑	Y좌표	방위각
BC	492.98880	0+492.98880	198178.94114	220722.55537	351° 47′ 2.68″
	493.50000	0+493.50000	198179.44700	220722.48167	351° 38′ 15.47″
	495.10000	0+495.10000	198181.02904	220722.24265	351° 10′ 45.35″
	497.70000	0+497.70000	198183.59563	220721.82727	350° 26′ 3.91″
	498.70000	0+498.70000	198184.58130	220721.65862	350° 8′ 52.58″
	500.00000	0+500.00000	198185.86140	220721.43203	349° 46′ 31.86″
<del></del>	520.00000	0+520.00000	198205.33365	220716.90454	344° 2′ 45.38″
· ·	540.00000	0+540.00000	198224.25663	220710.45568	338° 18′ 58.90″

	552.50000	0+552.50000	198235.72026	220705.47730	334° 44′ 7.35″
	553.30000	0+552.30000	198236.44305	220705.13442	334 44 7.35
	<del>-   </del>			220703.13442	334° 9′ 15.72″
	554.52810	0+554.52810	198237.54995		332° 35′ 12.42″
	560.00000	0+560.00000	198242.44126	220702.14990	
	564.00000	0+564.00000	198245.97344	220700.27290	
	567.40000	0+567.40000	198248.94578	220698.62217	330° 28′ 0.62″
	569.90000	0+569.90000	198251.11320	220697.37629	329° 45′ 2.31″
	574.30000	0+574.30000	198254.88942	220695.11810	328° 29′ 24.49″
	580.00000	0+580.00000	198259.70584	220692.07018	326° 51′ 25.94″
	581.60000	0+581.60000	198261.04203	220691.19006	326° 23′ 55.82″
<u></u>	582.40000	0+582.40000	198261.70747	220690.74600	326° 10′ 10.76″
	582.90000	0+582.90000	198262.12247	220690.46712	326° 1′ 35.10″
	583.50000	0+583.50000	198262,61954	220690.13109	325° 51′ 16.31″
	583.71530	0+583.71530	198262.79766	220690.01014	325° 47′ 34.26″
	600.00000	0+600.00000	198275.87789	220680.31723	321° 7′ 39.46″
	609.86290	0+609.86290	198283.40090	220673.94060	318° 18′ 7.61″
	620.00000	0+620.00000	198290.79580	220667.00849	315° 23′ 52.98″
	633.66590	0+633.66590	198300.19067	220657.08777	311° 28′ 59.01″
	640.00000	0+640.00000	198304.31053	220652.27693	309° 40′ 6.50″
	650.30000	0+650.30000	198310.67846	220644.18273	306° 43′ 3.86″
	651.70000	0+651.70000	198311.51155	220643.05758	306° 19′ 0.01″
	652.90000	0+652.90000	198312.21934	220642.08855	305° 58′ 22.42″
	652.90000	0+652.90000	198312.21934	220642.08855	305° 58′ 22.42″
	654.10000	0+654.10000	198312.92131	220641.11528	305° 37′ 44.83″
	654.10000	0+654.10000	198312.92131	220641,11528	305° 37′ 44.83″
	655.80850	0+655.80850	198313.91062	220639.72237	305° 8′ 22.81″
	656.40000	0+656.40000	198314.25036	220639.23817	304° 58′ 12.78″
	656.60000	0+656.60000	198314.36491	220639.07422	304° 54′ 46.52″
	658.10000	0+658.10000	198315.21878	220637.84098	304° 28′ 59.53″
	658.30000	0+658.30000	198315.33193	220637.67607	304° 25′ 33.27″
	660.00000	0+660.00000	198316.28704	220636.26974	303° 56′ 20.02″
	676.89330	0+676.89330	198325.11594	220621.87306	299° 5′ 57.55″
	680.00000	0+680.00000	198326.60567	220619.14687	298° 12′ 33.54″
	685.50000	0+685.50000	198329.13852	220614.26499	296° 38′ 1.25″
	686.00000	0+686.00000	198329.36210	220613.81776	296° 29′ 25.59″
EC	686.88352	0+686.88352	198329.75445	220613.02613	296° 14′ 14.39″

## IP11 (좌향)

구 분	크 로 소 이 드		교각(IA)	9.	9' 35	5.37"	
LOTE	X 198338.43167		방위각	1	296°	14 '	14.39"
IP좌표	Υ	220595.42065	874	2	287 °	4' ;	39.03"

R 1	200.00000	A	123.33367	R 2	501.25000
L 1	76.05597		원중심 좌표 1	L 2	30.34652
X 1	75.78146	Х	198150.36034	X 2	30.34374
Y 1	4.80799	Y 2	220524.60806	Y 2	0.30618
T 1	0.19014		원중심 좌표 2	T 2	0.03027
TL1	50.80033	Х	197866.96950	TL2	20.23199
TK1	25.43961	Y 2	220423.19942	TK2	10.11639

구분	누가거리	X 좌표	Y 좌표
KE	686.88352	198329.75445	220613.02613
KAE	732.59297	198346.11857	220570.39905

구 분	누가거리	축점(STA.)	X좌丑	H 本Y	방위각
KE	686.88352	0+686.88352	198329.75445	220613.02613	296 14 14.39
	687.60000	0+687.60000	198330.07005	220612.38291	296 ° 1' 58.95"
	688.00000	0+688.00000	198330.24525	220612.02332	295° 55' 11.40"
	690.50000	0+690.50000	198331.32431	220609.76820	295 * 13' 33.31"
	690.50000	0+690.50000	198331.32431	220609.76820	295 ° 13' 33.31"
	691.80000	0+691.80000	198331.87473	220608.59048	294 ° 52 ' 27.80"
	691.80000	0+691.80000	198331.87473	220608.59048	294 ° 52' 27.80"
	693.20000	0+693.20000	198332.45948	220607.31845	294 ° 30' 10.57"
	697.40020	0+697.40020	198334.16531	220603.48031	293 ° 25' 58.17"
	700.00000	0+700.00000	198335 . 18598	220601.08926	292 ° 48' 13.51"
	717.66420	0+717.66420	198341.48809	220584.59064	289 ° 12' 13.29"
	720.00000	0+720.00000	198342.24886	220582.38221	288° 48' 56.25"
	732 . 59280	0+732.59280	198346.11852	220570.39921	287 " 4' 39.10"
KAE	732.59297	0+732.59297	198346,11857	220570.39905	287 ° 4' 39.03"
KAE	732.59297	0+732.59297	198346.11857	220570.39905	287° 4' 39.03"

#### ΕP

rc 77	Х	198346.11857	H10121	287° 4' 39.03"
EP 21#	Υ	220570.39905	\$715	207 4 39.00

#### 자. RAMP-G

BP

ı	no TIT	Х	198387.37230	H H M D H	288 ° 0' 18.09"
	BP 좌표	Y	220017.64681	3715	200 0 10.09

## IP1 (우향)

구 분		원 곡 선	교각(IA)	5 ° 17' 41.50"			
	X X	198397.35924	바일가	1	288° 0	18.09"	
IP좌표	Υ	219986.91933	। इनिय	2	293 ° 17	59.59"	

원 중심 자표	Х	199051.90410	R	698.75000	GL	64.57341
[전 중심 쇠표 	Υ	220233.63071	TL	32.30970	S L	0.74659

구분	누가거리	X 좌표	Y 좌표
ВС	0.00000	198387.37230	220017.64681
E C	64.57341	198410.13914	219957.24458

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
BC	0.00000	0+ 0.00000	198387.37230	220017.64681	288° 0′ 18.09″
	1.77420	0+ 1.77420	198387.92285	220015.96019	288° 9′ 1.82″
	2.70000	0+ 2.70000	198388.21183	220015.08065	288° 13′ 35.10″
	4.17480	0+ 4.17480	198388.67459	220013.68033	288° 20′ 50.45″
	4.90780	0+ 4.90780	198388.90568	220012.98471	288° 24′ .26.83″
	6.60000	0+ 6.60000	198389.44198	220011.37974	288° 32′ 46.35″
	20.00000	0+ 20.00000	198393.82566	219998.71728	289° 38′ 41.91″
	24.47530	0+ 24.47530	198395.34370	219994.50732	290° 0′ 42.98″
	26.04790	0+ 26.04790	198395.88353	219993.03028	290° 8′ 27.20″
	26.05800	0+ 26.05800	198395.88701	219993.02080	290° 8′ 30.18″
	26.80170	0+ 26.80170	198396.14347	219992.32271	290° 12′ 9.71″
	27.27310	0+ 27.27310	198396.30641	219991.88037	290° 14′ 28.87″
	40.00000	0+ 40.00000	198400.81810	219979.98020	291° 17′ <u>5.73″</u>
	47.10580	0+ 47.10580	198403.43117	219973.37234	291° 52′ 3.30″
	48.36010	0+ 48.36010	198403.89940	219972.20871	291° 58′ 13.56″
	48.95900	0+ 48.95900	198404.12370	219971.65340	292° 1′ 10.35″
	48.95910	0+ 48.95910	198404.12374	219971.65330	292° 1′ 10.38″
	49.29960	0+ 49.29960	198404.25148	219971.33767	292° 2′ 50.89″
	60.00000	0+ 60.00000	198408.34392	219961.45090	292° 55′ 29.56″
EC	64.57341	0+ 64.57341	198410.13914	219957.24458	293° 17′ 59.59″

## IP2 (좌향)

구 분	원 곡 선		교각(IA)	15 *	9'	2.58"	
10717	Х	198441.70133	방위각	. 1	293°		59.59"
IP좌표 	Υ	219883,95758	877	2	278°		57.01"

	Х	197859.07084	Я	600.00000	СĻ	158.65792
원 궁심 좌표	Υ	219719.91838	ΤL	79.79446	S L	5.28271

구분	누가거리	X 좌표	Y 좌표
ВС	64.57341	198410.13914	219957.24458
E C	223.23133	198453.01226	219804.96885

구 분	누가거리	측점(STA.)	X좌丑	Y좌표	방위각
EC	64.57341	0+ 64.57341	198410.13914	219957.24458	293° 17′ 59.59″
	69.53800	0+ 69.53800	198412.08397	219952.67679	292° 49′ 32.89″
	70.51280	0+ 70.51280	198412.46139	219951.77802	292° 43′ 57.77″
	70.91310	0+ 70.91310	198412.61596	219951.40877	292° 41′ 40.16″
	70.91320	0+ 70.91320	198412.61600	219951.40867	292° 41′ 40.13″
	71.15410	0+ 71.15410	198412.70889	219951.18641	292° 40′ 17.31″
	80.00000	0+ 80.00000	198416.05823	219942.99919	291° 49′ 36.32″
	81.58380	0+ 81.58380	198416.64514	219941.52815	291° 40′ 31.85″
	91.80550	0+ 91.80550	198420.33943	219931.99753	290° 41′ 57.88″
	92.54680	0+ 92.54680	198420.60103	219931.30392	290° 37′ 43.04″
	92.80290	0+ 92.80290	198420.69120	219931.06422	290° 36′ 15.00″
	92.80300	0+ 92.80300	198420.69124	219931.06412	290° 36′ 14.97″
	92.96830	0+ 92.96830	198420,74939	219930.90939	290° 35′ 18.14″
	100.00000	0+100.00000	198423.18347	219924.31246	289° 55′ 0.82″
	102.80000	0+102.80000	198424.13116	219921.67772	289° 38′ 58.25″
	103.70000	0+103.70000	198424.43316	219920.82990	289° 33′ 48.86″
	109.00000	0+109.00000	198426.18580	219915.82809	289° 3′ 26.85″
	114.65300	0+114.65300	198428.00640	219910.47631	288° 31′ 3.49″
	114.76130	0+114.76130	198428.04079	219910.37361	288° 30′ 26.26″
	120.00000	0+120.00000	198429.68197	219905.39864	288° 0′ 25.33″
	124.99730	0+124.99730	198431.20700	219900.63974	287° 31′ 47.38″
	125.43050	0+125.43050	198431.33733	219900.22661	287° 29′ 18.46″
	136.01720	0+136.01720	198434.42954	219890.10171	286° 28′ 39.02″
	136.38290	0+136.38290	198434.53316	219889.75100	286° 26′ 33.30″
	136.46830	0+136.46830	198434.55732	219889.66909	286° 26′ 3.94″
	136.53360	0+136.53360	198434.57579	219889.60646	286° 25′ 41.50″
	140.00000	0+140.00000	198435.54653	219886.27876	286° 5′ 49.84″
	147.23670	0+147.23670	198437.51105	219879.31386	285° 24′ 22.04″
	158.00870	0+158.00870	198440.27936	219868.90380	284° 22′ 38.90″
	158.21540	0+158.21540	198440.33065	219868.70356	284° 21′ 27.84″
	158.25390	0+158.25390	198440.34019	219868.66627	284° 21′ 14.61″
	158.28580	0+158.28580	198440.34810	219868.63536	284° 21′ 3.64″
	160.00000	0+160.00000	198440.77061	219866.97405	284° 11′ 14.34″
	168.96580	0+168.96580	198442.90304	219858.26561	283° 19′ 52.13″
	168.96590	0+168.96590	198442.90306	219858.26552	283° 19′ 52.09″
	179.72800	0+179.72800	198445.29052	219847.77172	282° 18′ 12.35″
:	179.80060	0+179.80060	198445.30599	219847.70079	282° 17′ 47.40″
	179.80080	0+179.80080	198445.30603	219847.70059	282° 17′ 47.33″
	179.80950	0+179.80950	198445.30789	219847.69209	282° 17′ 44.34″

	179.81720	0+179.81720	198445.30953	219847.68457	282° 17′ 41.69″
	180.00000	0+180.00000	198445.34842	219847.50596	282° 16′ 38.85″
	190.16760	0+190.16760	198447.42624	219837.55305	281° 18′ 23.48″
	190.17000	0+190.17000	198447.42671	219837.55070	281° 18′ 22.66″
	190.17410	0+190.17410	198447.42752	219837.54668	281° 18′ 21.25″
	200.00000	0+200.00000	198449.27488	219827.89611	280° 22′ 3.35″
	200.69830	0+200.69830	198449,40014	219827.20914	280° 18′ 3.30″
	220.00000	0+220.00000	198452.54561	219808.16631	278° 27′ 27.86″
	220.70790	0+220.70790	198452.64931	219807.46604	278° 23′ 24.50″
EC	223.23133	0+223.23133	198453.01226	219804.96885	278° 8′ 57.01″

#### 1P3 (좌향)

구 분	원 꼭 선		교각(IA)	14 °	44' 44.05"		
IDT II	Х	198489.69577	H10171	1	278 °	8'	57.01"
IP좌표	Υ	219548.79331	방위각	2	263 °	24"	12.96"

의 조시 지고	Χ	196473.20751	R	2000.00000	CL	514.71749
원 중심 좌표	Υ	219521.46727	TL	258.78870	S L	16.67340

구분	누가거리	X 좌표	Y 좌표
ВС	223.23133	198453.01226	219804.96885
EC	737.94882	198459.96748	219291.71779

구 분	누가거리	촉점(STA.)	X좌丑	Y좌표	방위각
EC	223.23133	0+223.23133	198453.01226	219804.96885	278° 8′ 57.01″
	235.00000	0+235.00000	198454.64619	219793.31418	277° 48′ 43.28″
	237.00000	0+237.00000	198454.91705	219791.33260	277° 45′ 17.02″
	240.00000	0+240.00000	198455.31962	219788.35974	277° 40′ 7.62″
	241.25230	0+241.25230	198455.48635	219787.11859	277° 37′ 58.47″
	256.64890	0+256.64890	198457.47265	219771.85069	277° 11′ 30.58″
	260.00000	0+260.00000	198457.88940	219768.52560	277° 5′ 44.97″
	261.77900	0+261.77900	198458.10837	219766.76013	277° 2′ 41.50″
	280.00000	0+280.00000	198460.26070	219748.66676	276° 31′ 22.32″
	282.00000	0+282.00000	198460.48691	219746.67960	276° 27′ 56.06″
	282.28800	0+282.28800	198460.51932	219746.39342	276° 27′ 26.36″
	300.00000	0+300.00000	198462.43331	219728.78520	275° 56′ 59.67″
	302.77990	0+302.77990	198462.71955	219726.02008	275° 52′ 12.98″
	320.00000	0+320.00000	198464.40699	219708.88291	275° 22′ 37.03″
	323.25490	0+323.25490	198464.70937	219705.64208	275° 17′ 1.34″
	327.00000	0+327.00000	198465.05075	219701.91258	275° 10′ 35.10″
	333.50000	0+333.50000	198465.62668	219695.43814	274° 59′ 24.74″
	337.70000	0+337.70000	198465.98762	219691.25368	274° 52′ 11.58″

	338.70000	0+338.70000	198466.07227	219690.25727	274° 50′ 28.45″
	340.00000	0+340.00000	198466.18156	219688.96188	274° 48′ 14.38″
	343.50000	0+343.50000	198466.47162	219685.47392	274° 42′ 13.41″
	343.71370	0+343.71370	198466.48914	219685.26093	274° 41′ 51.38″
	345.50000	0+345.50000	198466.63463	219683.48057	274° 38′ 47.15″
	349.00000	0+349.00000	198466.91510	219679.99183	274° 32′ 46. <b>1</b> 9″
	350.00000	0+350,00000	198466.99412	219678.99495	274° 31′ 3.05″
	350.70000	0+350.70000	198467.04913	219678.29712	274° 29′ 50.86″
	360.00000	0+360.00000	198467.75683	219669.02409	274° 13′ 51.73″
	364.15650	0+364.15650	198468.05918	219664.87860	274° 6′ 43.06″
	369.50000	0+369,50000	198468.43522	219659.54835	273° 57′ 31.97″
	372.00000	0+372.00000	198468.60626	219657.05421	273° 53′ 14.14″
	374.90000	0+374.90000	198468.80077	219654.16074	273° 48′ 15.06″
	379.10000	0+379,10000	198469.07502	219649.96971	273° 41′ 1.90″
	380.00000	0+380.00000	198469.13265	219649.07155	273° 39′ 29.08″
, ,	384.58380	0+384.58380	198469.41986	219644.49676	273° 31′ 36.34″
	394.79180	0+394.79180	198470.02180	219634.30654	273° 14′ 3.57″
·····	400.00000	0+400.00000	198470.30887	219629.10625	273° 5′ 6.43″
	404.99610	0+404,99610	198470.57153	219624.11707	272° 56′ 31.17″
	417.00000	0+417.00000	198471. <b>1</b> 5165	219612.12721	272° 35′ 53.18″
	420.00000	0+420.00000	198471.28539	219609.13019	272° 30′ 43.79″
	425.39360	0+425.39360	198471.51453	219603.74146	272° 21' 27.53"
***************************************	440.00000	0+440.00000	198472.06210	219589.14536	271° 56′ 21.14″
	445.77700	0+445.77700	198472.24925	219583.37140	271° 46′ 25.34″
	460.00000	0+460.00000	198472.63893	219569.15377	271° 21′ 58.49″
	462.00000	0+462.00000	198472.68562	219567.15431	271° 18′ 32.22″
	466.14660	0+466.14660	198472.77604	219563.00870	271° 11′ 24.58″
	480.00000	0+480.00000	198473.01582	219549.15740	270° 47′ 35.84″
	486.50280	0+486.50280	198473.09528	219542.65509	270° 36′ 25.19″
	500.00000	0+500.00000	198473.19272	219529.15827	270° 13′ 13.19″
	506.84610	0+506.84610	198473.20733	219522,31219	270° 1′ 27.14″
	507.00000	0+507.00000	198473.20739	219522.15829	270° 1′ 11.27″
	507.29000	0+507.29000	198473.20747	219521,86829	270° 0′ 41.36″
··	520.00000	0+520.00000	198473.16963	219509.15836	269° 38′ 50.55″
	527.17700	0+527.17700	198473.11259	219501,98159	269° 26′ 30.36″
	540.00000	0+540.00000	198472.94655	219489.15969	269° 4′ 27.90″
	547.49570	0+547.49570	198472.81142	219481.66521	268° 51′ 34.85″
	560.00000	0+560.00000	198472.52349	219469.16425	268° 30′ 5.25″
	567.80290	0+567.80290	198472.30422	219461.36444	268° 16′ 40.52″
	580,00000	0+580.00000	198471.90051	219449.17404	267° 55′ 42.60″
	588.09890	0+588.09890	198471.59137	219441.08105	267° 41′ 47.34″
	600.00000	0+600.00000	198471.07765	219429.19106	267° 21′ 19.95″
	608.38420	0+608.38420	198470.67327	219420.81662	267° 6′ 55.27"
	620.00000	0+620.00000	198470.05501	219409.21730	266° 46′ 57.31″
	623.59140	0+623,59140	198469.85023	219405.63175	266° 40′ 46.92″

	628.65920	0+628.65920	198469.55030	219400.57283	266° 32′ 4.26″
	640.00000	0+640.00000	198468.83269	219389.25477	266° 12′ 34.66″
	648.92430	0+648.92430	198468.22287	219380.35134	265° 57′ 14.27″
	660.00000	0+660.00000	198467.41081	219369.30546	265° 38′ 12.01″
	669.18010	0+669.18010	198466.69137	219360.15361	265° 22′ 25.24″
	680.00000	0+680.00000	198465.78951	219349.37137	265° 3′ 49.36″
	689.42690	0+689,42690	198464.95621	219339.98138	264° 47′ 37.14″
	700.00000	0+700.00000	198463.96895	219329.45449	264° 29′ 26.71″
-	709.66510	0+709.66510	198463.01779	219319.83631	264° 12′ 49.93″
	720.00000	0+720.00000	198461.94931	219309.55681	263° 55′ 4.06″
	729.89540	0+729,89540	198460.87651	219299.71974	263° 38′ 3.53″
EC	737.94882	0+737.94882	198459.96748	219291.71779	263° 24′ 12.96″

# IP4 (좌향)

구 분	원 곡 선		교각(IA)	1 °	42' 8.21"
107177	X 198454.33566		반위간	1	263 ° 24' 12.96"
IP좌표	Υ	219243.01661	_ 575	2	261° 42' 4.75"

원 중심 자표	χ	195181.81353	R	3300.00000	CL	98.04425
권 중심 화표 	Υ	219670.80442	ΤL	49.02573	\$ L	0.36415

구분	누가거리	X 좌표	Y 좌표
ВС	737.94882	198459.96748	219291.71779
E C	835.99307	198447.25961	219194.50423

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위	각
£C	737.94882	0+737.94882	198459.96748	219291.71779	263 ° 24'	12.96"
	740.00000	0+740.00000	198459.73122	219289.68027	263 * 22	4.75"
<del></del>	750.11770	0+750.11770	198458.54730	219279.63208	263 ° 11 '	32.35"
	760.00000	0+760.00000	198457.36119	219269.82122	263 ° 1	14.66"
	770.33170	0+770.33170	198456.08973	219259.56806	262 * 50 '	28.88"
	780.00000	0+780.00000	198454.87085	219249.97690	262 ° 40 '	24.57"
	790.53930	0+790.53930	198453.51015	219239.52581	262° 29'	25.82"
	800.00000	0+800.00000	198452.26028	219230.14804	262 ° 19'	34.48"
	810.74240	0+810.74240	198450.80850	219219.50420	262 ° 8'	23.03"
	820.00000	0+820.00000	198449.52959	219210.33537	261 ° 581	44.39"
	830.94310	0+830.94310	198447.98467	219199.50187	261 ° 471	20.40"
EC	835.99307	0+835.99307	198447.25961	219194.50423	261 ° 42'	4.75"

## IP5 (좌향)

구 분	원 곡 선		교각(IA)	0 ° 30' 25.70"		
IP좌표	Х	198446 . 16285	H10171	1	261° 42' 4.75"	
	Υ	219186.98496	방위각	2	261 ° 11' 39.06"	

이 조시 되표	χ	196748.23812	R	1717.00000	CL	15 . 19757
[현 중심 좌표 F	·Y	219442.32466	ΤL	7.59883	SL	0.01681

구분	누가거리	X 좌표	Y 좌표
ВС	835.99307	198447.25961	219194.50423
E C	851.19064	198444.99957	219179.47569

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
EC	835.99307	0+835.99307	198447.25961	219194.50423	261 ° 42' 4.75"
	840.00000	0+840.00000	198446.67665	219190.53993	261 ° 34' 3.40"
	851.14310	0+851.14310	198445.00685	219179.52267	261 * 11 44.77"
EC	851.19064	0+851.19064	198444.99957	219179.47569	261 * 11' 39.06"

#### ΕP

ED TIT	Х	198444.99957	방위각	261 * 11' 39.06"
타 좌표	Υ	219179.47569	] 3,, ,	201 11 00.00

#### 차. 기장 · 일광나들목 RAMP-C

#### BP

BD XIII	Х	198157.38446	바이가	157 ° 22' 39.42"
BP 좌표	Y	220357.99186	3714	101 22 09.42

# IP1 (우향)

구 분	크로소이드		교각(IA)	4 ° 21' 26.44"		
10717	Х	198138.65913	방위각	1	157 " 22' 39.42"	
IP좌표	Υ	220365.79505	ଅନୀର	2	161 44' 5.86"	

R 1	0.00000	A	78.00000	R 2	200.00000
L 1	0.00000		원중심 좌표 1	L 2	30.42000
X 1	0.00000	X	0.00000	X 2	30.40241
Y 1	0.00000	Y 2	0.00000	Y 2	0.77083
T 1	0.00000		원중심 좌표 2	Т2	0.07605

	TL1	0.00000	Х	198066.34209	TL2	20.28615
Ì	TK1	0.00000	Y 2	220179.05143	TK2	10.14559

구분	누가거리	X 좌표	Y 좌표
КА	0.00000	198157.38446	220357.99186
KE	30.42000	198129.02470	220368.97481

구 분	누가거리	촉점(STA.)	X좌표	Y좌표	방위각
KA	0.00000	0+ 0.00000	198157.38446	220357.99186	157° 22′ 39.42″
	2.48400	0+ 2.48400	198155.09141	220358.94696	157° 24′ 24.01″
	5.83330	0+ 5.83330	198151.99788	220360.23065	157° 32′ 16.23″
	6.77380	0+ 6.77380	198151.12857	220360.58958	157° 35′ 37.22″
	8.45340	0+ 8.45340	198149.57512	220361.22822	157° 42′ 50.77″
	9.41770	0+ 9.41770	198148.68260	220361.59329	157° 47′ 42.89"
	10.18820	0+ 10.18820	198147.96906	220361.88404	15 <b>7</b> ° 51′ 58.97″
	10.41970	0+ 10.41970	198147.75461	220361.97122	157° 53′ 19.84″
	10.87110	0+ 10.87110	198147.33634	220362.14097	157° 56′ 2.75″
	11.61270	0+ 11.61270	198146.64887	220362.41910	158° 0′ 45.40″
	12.57570	0+ 12.57570	198145.75557	220362.77881	158° 7′ 20.25″
	13.94380	0+ 13.94380	198144.48525	220363.28674	158° 17′ 35.27″
	14.92250	0+ 14.92250	198143.57554	220363.64767	158° 25′ 34.18″
	15.89850	0+ 15.89850	198142.66748	220364.00544	158° 34′ 4.10″
	16.39130	0+ 16.39130	198142.20864	220364.18521	158° 38′ 33.83″
	16.74020	0+ 16.74020	198141.88364	220364.31212	158° 41′ 49.79″
	17.84860	0+ 17.84860	198140.85034	220364.71319	158° 52′ 39.67″
	19.84880	0+ 19.84880	198138.98235	220365.42829	159° 13′ 57.85″
	20.00000	0+ 20.00000	198138.84096	220365.48187	159° 15′ 39.98″
	20.19640	0+ 20.19640	198138.65726	220365.55136	159° 17′ 53.81″
	20.74750	0+ 20.74750	198138.14157	220365.74570	159° 24′ 16.30″
	22.09550	0+ 22.09550	198136.87861	220366.21692	159° 40′ 35.29″
	22.80680	0+ 22.80680	198136.21127	220366.46309	159° 49′ 36.70″
	24.97700	0+ 24.97700	198134.17109	220367.20295	160° 18′ 54.57″
	26.01380	0+ 26.01380	198133.19413	220367.55008	160° 33′ 50.74″
	27.13560	0+ 27.13560	198132.13535	220367.92079	160° 50′ 41.44″
	27.87980	0+ 27.87980	198131.43194	220368.16380	161° 2′ 15.47″
KE	30.42000	0+ 30.42000	198129.02470	220368.97481	161° 44′ 5.86″

## IP2 (우향)

구 분		원 곡 선	교각(IA)	36° 17' 25.28"		
10717	Х	198066.78238	바일가	1	161 " 44' 5.86"	
IP좌표	Υ	220389.51736	8위작	2	198° 1' 31.14"	

원 중심 좌표	Х	198066.34209	R	200.00000	CL	126.67724
	Υ	220179.05143	TL	65.54 <b>46</b> 7	SL	10.46640

구분	누가거리	X 좌표	Y 좌표
ВС	30.42000	198129.02470	220368.97481
E C	157.09724	198004.45465	220369.23541

구 분	누가거리	축점(STA.)	X좌표	Y좌표	방위각
BC	30.42000	0+ 30.42000	198129.02470	220368.97481	161° 44′ 5.86″
	37.06530	0+ 37.06530	198122.68078	220370.95232	163° 38′ 19.31″
	37.49550	0+ 37.49550	198122.26787	220371.07306	163° 45′ 42.99″
	37.85350	0+ 37.85350	198121.92406	220371.17286	163° 51′ 52.20″
	40.00000	0+ 40.00000	198119.85896	220371.75832	164° 28′ 45.94″
	40.05080	0+ 40,05080	198119.81001	220371,77190	164° 29′ 38.33″
	40.55350	0+ 40.55350	198119.32544	220371.90569	164° 38′ 16.78″
	40.90890	0+ 40.90890	198118.98265	220371.99953	164° 44′ 23.31″
	41.43290	0+ 41.43290	198118.47695	220372.13679	164° 53′ 23.73″
	42.03450	0+ 42.03450	198117.89591	220372.29274	165° 3′ 44.17″
	44.05280	0+ 44.05280	198115. <b>943</b> 22	220372.80314	165° 38′ 25.69″
	44.08110	0+ 44.08110	198115.91581	220372.81016	165° 38′ 54.88″
	44.08120	0+ 44.08120	198115.91571	220372.810 <b>19</b>	165° 38′ 54.98″
	44.40190	0+ 44.40190	198115.60495	220372.88943	165° 44′ 25.73″
	46.29980	0+ 46.29980	198113.76334	220373.34817	166° 17′ 3.08″
	47.00660	0+ 47.00660	198113.07640	220373.51455	166° 29′ 12.02″
	49.53190	0+ 49.53190	198110.61 <b>7</b> 35	220374.08912	167° 12′ 36.42″
	51.26000	0+ 51.26000	198108.93050	220374.46440	167° 42′ 18.65″
	52.01330	0+ 52.01330	198108.19417	220374.62342	167° 55′ 15.55″
	52.17820	0+ 52.17820	198108.03291	220374.65786	167° 58′ 5.61″
:	57.28020	0+ 57.28020	198103.02997	220375.65763	169° 25′ 47.43″
	59.91670	0+ 59.91670	198100.43509	220376.12417	170° 11′ 6.51″
	60.00000	0+ 60.00000	198100.35301	220376.13836	170° 12′ 32.42″
:	60.64280	0+ 60.64280	198099.71940	220376.24665	170° 23′ 35.36″
	61.08960	0+ 61.08960	198099.27878	220376.32072	170° 31′ 16.15″
	64.22650	0+ 64.22650	198096.18078	220376.81303	171° 25′ 11.31″
	64.69710	0+ 64.69710	198095.71537	220376.88270	171° 33′ 16.65″
	71.92310	0+ 71.92310	198088.55011	220377.81461	173° 37′ 29.00″
	74.11640	0+ 74.11640	198086.36908	220378.04620	174° 15′ 11.00″
}	74.26210	0+ 74.26210	198086.22411	220378.06074	174° 17′ 41.27″
	76.42900	0+ 76.42900	198084.06682	220378.26447	174° 54′ 56.04″
	80.00000	0+ 80.00000	198080.50723	220378.54917	175° 56′ 18.90″
	81.08340	0+ 81.08340	198079.42635	220378.62298	176° 14′ 56.24″
	81.72190	0+ 81.72190	198078.78915	220378.66373	176° 25′ 54.74″
	83.50610	<b>0</b> + 83.50610	198077.00794	220378.76683	176° 56′ 34.83″
	84.32560	0+ 84.32560	198076.18952	220378.80885	177° 10′ 40.00″

92.58990         0+ 92.58990         198067.92919         220379.04513         179° 32′           95.55660         0+ 95.55660         198064.96251         220379.04667         180° 23′           97.27070         0+ 97.27070         198063.24853         220379.02750         180° 53′           97.28330         0+ 97.28330         198063.23593         220379.02731         180° 53′           97.73690         0+ 97.73690         198062.78239         220379.01975         181° 1′           99.24970         0+ 99.24970         198061.26995         220378.98710         181° 27′           100.00000         0+100.00000         193060.51993         220378.96667         181° 40′           101.73090         0+101.73090         198068.79000         220378.96483         181° 41′           107.88870         0+102.44490         198058.07656         220378.89056         182° 22′           107.88870         0+107.88870         198052.64114         220378.56384         184° 0′           109.63490         0+109.63490         198052.38506         220378.8932         185° 35′           113.70000         0+113.70000         198046.83915         220378.0932         185° 35′           114.62160         0+114.62160         198045.93309         220378.0939 <th>18.79" 43.17" 42.80" 10.59"</th>	18.79" 43.17" 42.80" 10.59"
92.58990         0+ 92.58990         198067.92919         220379.04513         179° 32′           95.55660         0+ 95.55660         198064.96251         220379.04667         180° 23′           97.27070         0+ 97.27070         198063.24853         220379.02750         180° 53′           97.28330         0+ 97.28330         198063.23593         220379.02731         180° 53′           97.73690         0+ 97.73690         198062.78239         220379.01975         181° 1′           99.24970         0+ 99.24970         198061.26995         220378.98710         181° 27′           100.00000         0+100.00000         198060.51993         220378.96667         181° 40′           100.06280         0+100.06280         198060.45715         220378.96483         181° 41′           101.73090         0+101.73090         198058.07656         220378.90879         182° 9′           102.44490         0+102.44490         198058.07656         220378.80566         182° 22′           107.88870         0+107.88870         198052.38506         220378.56384         184° 0′           108.14540         0+108.14540         198052.38506         220378.56384         184° 0′           113.70000         0+113.7000         198046.85009         220378.09825 <td>43.17" 42.80" 10.59"</td>	43.17" 42.80" 10.59"
95.55660         0+ 95.55660         198064.96251         220379.04667         180° 23′           97.27070         0+ 97.27070         198063.24853         220379.02750         180° 53′           97.28330         0+ 97.28330         198063.23593         220379.01975         181° 1′           97.73690         0+ 97.73690         198062.78239         220379.01975         181° 1′           99.24970         0+ 99.24970         198061.26995         220378.98710         181° 27′           100.00000         0+100.00000         193060.51993         220378.96667         181° 40′           100.06280         0+100.06280         198060.45715         220378.96483         181° 41′           101.73090         0+101.73090         198058.79000         220378.90879         182° 9′           107.88870         0+107.88870         198058.07656         220378.88056         182° 22′           108.14540         0+108.14540         198052.38506         220378.56384         184° 0′           109.63490         0+109.63490         198058.89959         220378.45436         184° 25′           113.70000         0+113.70000         198046.83915         220378.0932         185° 35′           113.71100         0+114.62160         198045.93309         220378.0932 <td>42.80" 10.59"</td>	42.80" 10.59"
97.27070 0+ 97.27070 198063.24853 220379.02750 180° 53′ 97.28330 0+ 97.28330 198063.23593 220379.02731 180° 53′ 97.73690 0+ 97.73690 198062.78239 220379.01975 181° 1′ 99.24970 0+ 99.24970 198061.26995 220378.98710 181° 27′ 100.00000 0+100.00000 198060.51993 220378.96667 181° 40′ 100.06280 0+100.06280 198060.45715 220378.96483 181° 41′ 101.73090 0+101.73090 198058.79000 220378.90879 182° 9′ 102.44490 0+102.44490 198058.07656 220378.89056 182° 22′ 107.88870 0+107.88870 198052.64114 220378.58159 183° 55′ 108.14540 0+108.14540 198052.38506 220378.56384 184° 0′ 109.63490 0+109.63490 198050.89959 220378.45436 184° 25′ 113.70000 0+113.70000 198046.85009 220378.09932 185° 35′ 113.71100 0+113.71100 198046.83915 220378.09932 185° 35′ 114.10460 0+114.10460 198046.44746 220378.05948 185° 42′ 114.62160 0+114.62160 198045.93309 220378.09393 185° 51′ 115.41770 0+115.41770 198045.14131 220377.92457 186° 5′ 115.48860 0+115.48860 198045.07081 220377.84856 186° 17′ 119.81580 0+119.81580 198040.77347 220377.41031 187° 20′ 120.00000 0+120.00000 198040.59079 220377.38668 187° 23′ 120.00000 0+120.00000 198040.59079 220377.38668 187° 23′	10.59"
97.28330 0+ 97.28330 198063.23593 220379.02731 180° 53′ 97.73690 0+ 97.73690 198062.78239 220379.01975 181° 1′ 99.24970 0+ 99.24970 198061.26995 220378.98710 181° 27′ 100.00000 0+100.00000 198060.51993 220378.96667 181° 40′ 100.6280 0+100.6280 198060.45715 220378.96483 181° 41′ 101.73090 0+101.73090 198058.79000 220378.90879 182° 9′ 102.44490 0+102.44490 198058.79656 220378.88056 182° 22′ 107.88870 0+107.88870 198052.64114 220378.58159 183° 55′ 108.14540 0+108.14540 198052.38506 220378.56384 184° 0′ 109.63490 0+109.63490 198050.89959 220378.45436 184° 25′ 113.70000 0+113.70000 198046.85009 220378.09932 185° 35′ 113.71100 0+113.71100 198046.83915 220378.09825 185° 35′ 114.10460 0+114.10460 198046.44746 220378.05948 185° 42′ 114.62160 0+114.62160 198045.93309 220378.0739 185° 51′ 115.41770 0+115.41770 198045.14131 220377.92457 186° 5′ 115.48860 0+115.48860 198045.07081 220377.84856 186° 17′ 119.81580 0+119.81580 198040.77347 220377.41031 187° 20′ 120.00000 0+120.00000 198040.59079 220377.38668 187° 23′	
97.73690         0+ 97.73690         198062,78239         220379,01975         181° 1′           99.24970         0+ 99.24970         198061,26995         220378,98710         181° 27′           100.00000         0+100.00000         198060,51993         220378,96667         181° 40′           100.06280         0+100.06280         198060,45715         220378,96483         181° 41′           101,73090         0+101,73090         198058,79000         220378,90879         182° 9′           102,44490         0+102,44490         198058,07656         220378,8056         182° 22′           107,88870         0+107,88870         198052,64114         220378,56384         184° 0′           109,63490         0+108,14540         198052,38506         220378,56384         184° 0′           113,70000         0+113,70000         198046,89959         220378,45436         184° 25′           113,71100         0+113,71100         198046,83915         220378,09932         185° 35′           114,10460         0+114,10460         198046,44746         220378,09825         185° 35′           115,41770         0+115,41770         198045,93309         220378,00739         185° 5′           115,48860         0+115,48860         198045,07081         220377,91704<	
99.24970 0+99.24970 198061.26995 220378.98710 181° 27′ 100.00000 0+100.00000 198060.51993 220378.96667 181° 40′ 100.06280 0+100.06280 198060.45715 220378.96483 181° 41′ 101.73090 0+101.73090 198058.79000 220378.90879 182° 9′ 102.44490 0+102.44490 198058.07656 220378.8056 182° 22′ 107.88870 0+107.88870 198052.64114 220378.58159 183° 55′ 108.14540 0+108.14540 198052.38506 220378.56384 184° 0′ 109.63490 0+109.63490 198050.89959 220378.45436 184° 25′ 113.70000 0+113.70000 198046.85009 220378.09932 185° 35′ 113.71100 0+113.71100 198046.83915 220378.09825 185° 35′ 114.10460 0+114.10460 198046.44746 220378.05948 185° 42′ 114.62160 0+114.62160 198045.93309 220378.0739 185° 51′ 115.41770 0+115.41770 198045.14131 220377.92457 186° 5′ 115.48860 0+115.48860 198045.07081 220377.91704 186° 6′ 116.12310 0+116.12310 198044.44002 220377.84856 186° 17′ 119.81580 0+119.81580 198040.77347 220377.41031 187° 20′ 120.00000 0+120.00000 198040.59079 220377.38668 187° 23′	23.58"
100.00000         0+100.00000         198060.51993         220378.96667         181° 40′           100.06280         0+100.06280         198060.45715         220378.96483         181° 41′           101.73090         0+101.73090         198058.79000         220378.90879         182° 9′           102.44490         0+102.44490         198058.07656         220378.88056         182° 22′           107.88870         0+107.88870         198052.64114         220378.58159         183° 55′           108.14540         0+108.14540         198052.38506         220378.56384         184° 0′           109.63490         0+109.63490         198050.89959         220378.45436         184° 25′           113.70000         0+113.70000         198046.85009         220378.09825         185° 35′           113.71100         0+113.71100         198046.83915         220378.09825         185° 35′           114.10460         0+114.10460         198045.93309         220378.05948         185° 42′           115.41770         0+115.41770         198045.93309         220378.0739         185° 5′           115.48860         0+115.48860         198045.07081         220377.92457         186° 5′           115.81580         0+119.81580         198040.77347         220377.410	11.39"
100.06280         0+100.06280         198060.45715         220378.96483         181° 41′           101.73090         0+101.73090         198058.79000         220378.90879         182° 9′           102.44490         0+102.44490         198058.07656         220378.88056         182° 22′           107.88870         0+107.88870         198052.64114         220378.58159         183° 55′           108.14540         0+108.14540         198052.38506         220378.56384         184° 0′           109.63490         0+109.63490         198052.89959         220378.45436         184° 25′           113.70000         0+113.70000         198046.85009         220378.09932         185° 35′           113.71100         0+113.71100         198046.83915         220378.09825         185° 35′           114.10460         0+114.62160         198045.93309         220378.05948         185° 42′           115.41770         0+115.41770         198045.14131         220377.92457         186° 5′           115.48860         0+115.48860         198045.07081         220377.91704         186° 6′           116.12310         0+116.12310         198040.77347         220377.41031         187° 20′           120.00000         0+120.00000         198040.59079         220377.38	11.58"
101.73090         0+101.73090         198058.79000         220378.90879         182° 9′           102.44490         0+102.44490         198058.07656         220378.88056         182° 22′           107.88870         0+107.88870         198052.64114         220378.58159         183° 55′           108.14540         0+108.14540         198052.38506         220378.56384         184° 0′           109.63490         0+109.63490         198050.89959         220378.45436         184° 25′           113.70000         0+113.70000         198046.85009         220378.09932         185° 35′           113.71100         0+113.71100         198046.83915         220378.09825         185° 35′           114.10460         0+114.10460         198046.44746         220378.05948         185° 42′           114.62160         0+114.62160         198045.93309         220378.00739         185° 51′           115.41770         0+115.48860         198045.14131         220377.92457         186° 5′           115.48860         0+115.48860         198045.07081         220377.84856         186° 17′           119.81580         0+119.81580         198040.77347         220377.41031         187° 20′           120.00000         0+120.00000         198040.59079         220377.3	5.38"
102.44490         0+102.44490         198058.07656         220378.88056         182° 22′           107.88870         0+107.88870         198052.64114         220378.58159         183° 55′           108.14540         0+108.14540         198052.38506         220378.56384         184° 0′           109.63490         0+109.63490         198050.89959         220378.45436         184° 25′           113.70000         0+113.70000         198046.85009         220378.09932         185° 35′           113.71100         0+113.71100         198046.83915         220378.09825         185° 35′           114.10460         0+114.10460         198045.93309         220378.05948         185° 42′           115.41770         0+115.41770         198045.93309         220378.0739         185° 51′           115.48860         0+115.48860         198045.07081         220377.92457         186° 5′           116.12310         0+116.12310         198044.44002         220377.84856         186° 17′           119.81580         0+119.81580         198040.77347         220377.41031         187° 23′           120.00000         0+120.00000         198040.59079         220377.38668         187° 23′	10.15"
107.88870         0+107.88870         198052.64114         220378.58159         183° 55′           108.14540         0+108.14540         198052.38506         220378.56384         184° 0′           109.63490         0+109.63490         198050.89959         220378.45436         184° 25′           113.70000         0+113.70000         198046.85009         220378.09932         185° 35′           113.71100         0+113.71100         198046.83915         220378.09825         185° 35′           114.10460         0+114.10460         198046.44746         220378.05948         185° 42′           115.41770         0+115.41770         198045.93309         220378.00739         185° 51′           115.48860         0+115.48860         198045.14131         220377.92457         186° 5′           116.12310         0+116.12310         198044.44002         220377.84856         186° 17′           119.81580         0+119.81580         198040.77347         220377.41031         187° 23′           120.00000         0+120.00000         198040.59079         220377.38668         187° 23′	50.50"
108.14540       0+108.14540       198052.38506       220378.56384       184° 0′         109.63490       0+109.63490       198050.89959       220378.45436       184° 25′         113.70000       0+113.70000       198046.85009       220378.09932       185° 35′         113.71100       0+113.71100       198046.83915       220378.09825       185° 35′         114.10460       0+114.10460       198046.44746       220378.05948       185° 42′         114.62160       0+114.62160       198045.93309       220378.00739       185° 51′         115.41770       0+115.41770       198045.14131       220377.92457       186° 5′         115.48860       0+115.48860       198045.07081       220377.91704       186° 6′         116.12310       0+116.12310       198044.44002       220377.84856       186° 17′         119.81580       0+119.81580       198040.77347       220377.41031       187° 23′         120.00000       0+120.00000       198040.59079       220377.38668       187° 23′	6.87"
109.63490       0+109.63490       198050.89959       220378.45436       184° 25′         113.70000       0+113.70000       198046.85009       220378.09932       185° 35′         113.71100       0+113.71100       198046.83915       220378.09825       185° 35′         114.10460       0+114.10460       198046.44746       220378.05948       185° 42′         114.62160       0+114.62160       198045.93309       220378.00739       185° 51′         115.41770       0+115.41770       198045.14131       220377.92457       186° 5′         115.48860       0+115.48860       198045.07081       220377.91704       186° 6′         116.12310       0+116.12310       198044.44002       220377.84856       186° 17′         119.81580       0+119.81580       198040.77347       220377.41031       187° 20′         120.00000       0+120.00000       198040.59079       220377.38668       187° 23′	41.19"
113.70000       0+113.70000       198046.85009       220378.09932       185° 35′         113.71100       0+113.71100       198046.83915       220378.09825       185° 35′         114.10460       0+114.10460       198046.44746       220378.05948       185° 42′         114.62160       0+114.62160       198045.93309       220378.00739       185° 51′         115.41770       0+115.41770       198045.14131       220377.92457       186° 5′         115.48860       0+115.48860       198045.07081       220377.91704       186° 6′         116.12310       0+116.12310       198044.44002       220377.84856       186° 17′         119.81580       0+119.81580       198040.77347       220377.41031       187° 20′         120.00000       0+120.00000       198040.59079       220377.38668       187° 23′	5.93"
113.71100       0+113.71100       198046.83915       220378.09825       185° 35′         114.10460       0+114.10460       198046.44746       220378.05948       185° 42′         114.62160       0+114.62160       198045.93309       220378.00739       185° 51′         115.41770       0+115.41770       198045.14131       220377.92457       186° 5′         115.48860       0+115.48860       198045.07081       220377.91704       186° 6′         116.12310       0+116.12310       198044.44002       220377.84856       186° 17′         119.81580       0+119.81580       198040.77347       220377.41031       187° 20′         120.00000       0+120.00000       198040.59079       220377.38668       187° 23′	42.09"
114.10460       0+114.10460       198046.44746       220378.05948       185° 42′         114.62160       0+114.62160       198045.93309       220378.00739       185° 51′         115.41770       0+115.41770       198045.14131       220377.92457       186° 5′         115.48860       0+115.48860       198045.07081       220377.91704       186° 6′         116.12310       0+116.12310       198044.44002       220377.84856       186° 17′         119.81580       0+119.81580       198040.77347       220377.41031       187° 20′         120.00000       0+120.00000       198040.59079       220377.38668       187° 23′	34.52"
114.62160       0+114.62160       198045.93309       220378.00739       185° 51′         115.41770       0+115.41770       198045.14131       220377.92457       186° 5′         115.48860       0+115.48860       198045.07081       220377.91704       186° 6′         116.12310       0+116.12310       198044.44002       220377.84856       186° 17′         119.81580       0+119.81580       198040.77347       220377.41031       187° 20′         120.00000       0+120.00000       198040.59079       220377.38668       187° 23′	45.87"
115.41770       0+115.41770       198045.14131       220377.92457       186° 5′         115.48860       0+115.48860       198045.07081       220377.91704       186° 6′         116.12310       0+116.12310       198044.44002       220377.84856       186° 17′         119.81580       0+119.81580       198040.77347       220377.41031       187° 20′         120.00000       0+120.00000       198040.59079       220377.38668       187° 23′	31.80"
115.48860       0+115.48860       198045.07081       220377.91704       186° 6′         116.12310       0+116.12310       198044.44002       220377.84856       186° 17′         119.81580       0+119.81580       198040.77347       220377.41031       187° 20′         120.00000       0+120.00000       198040.59079       220377.38668       187° 23′	24.99"
116.12310     0+116.12310     198044.44002     220377.84856     186° 17'       119.81580     0+119.81580     198040.77347     220377.41031     187° 20'       120.00000     0+120.00000     198040.59079     220377.38668     187° 23'	6.03"
119.81580         0+119.81580         198040.77347         220377.41031         187° 20′           120.00000         0+120.00000         198040.59079         220377.38668         187° 23′	19.15"
120.00000 0+120.00000 198040.59079 220377.38668 187° 23′	13.52"
	41.89"
120.04020 0+120.04020 198040.55093 220377.38150 187° 24′	51.86"
	33.32"
120.37670 <b>0</b> +120.37670 198040.21 <b>727</b> 220377.33782 187° 30′	20.36"
122.83750 <b>0</b> +122.83750 198037.77960 220377.00138 188° 12′	38.25"
123.12990 0+123.12990 198037.49022 220376.95941 188° 17′	39.80"
127.28300 0+127.28300 198033.38708 220376.31766 189° 29′	3.00"
129.48950 0+129.48950 198031.21279 220375.94209 190° 6′	58.61"
131.45850 0+131.45850 198029.27614 220375.58671 190° 40′	49.29"
133.11500 0+133.11500 198027.64962 220375.27297 191° 9′	17.68"
133.23550 0+133.23550 198027.53141 220375.24962 191° 11′	21.95"
133.42980 0+133.42980 198027.34082 220375.21183 191° 14′	42.34"
133.69800 0+133.69800 198027.07780 220375.15935 191° 19′	18.94"
133.72100 0+133.72100 198027.05525 220375.15483 191° 19′	42.66"
135.85120 0+135.85120 198024.96882 220374.72527 191° 56′	19.59"
137.25490 0+137.25490 198023.59651 220374.43008 192° 20'	27.26"
137.25500 <b>0</b> +137.25500 198023.59642 220374.43006 192° 20′	27.36"
137.94140 0+137.94140 198022.92613 220374.28220 192° 32′	15.26"
139.69980 0+139.69980 198021.21136 220373.89295 193° 2′	
139.85160 0+139.85160 198021.06349 220373.85864 193° 5′	28.74"
140.00000 0+140.00000 198020.91895 220373.82499 193° 7′	
142.37410 0+142.37410 198018.61015 220373.27208 193° 48′	5.30"
144.68230 0+144.68230 198016.37188 220372.70829 194° 28′	5.30" 38.34"

	144.75030	0+144.75030	198016.30604	220372.69128	194° 29′ 17.44″
	145.25550	0+145.25550	198015.81706	220372.56428	194° 37′ 58.47"
<u>, , , , , , , , , , , , , , , , , , , </u>	145.36810	0+145.36810	198015.70812	220372.53580	194° 39′ 54.59″
····	148.33760	0+148.33760	198012.84105	220371.76271	195° 30′ 57.11″
	148.93290	0+148.93290	198012.26768	220371.60261	195° 41′ 11.06″
	150.58930	0+150.58930	198010.67485	220371.14817	196° 9′ 39.34″
,	154.78080	0+154.78080	198006.66150	220369.93943	197° 21′ 42.14″
<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	155.37630	0+155.37630	198006.09340	220369.76088	197° 31′ 56.29″
EC	157.09724	0+157.09724	198004.45465	220369.23541	198° 1′ 31.14″

# IP3 (우향)

구 분	크 로 소 이 드		교각(IA)	9 * 29' 15.48"		5.48"
IP좌표	Х	197983 . 40457	RIGIZI	1	198 °	1' 31.14"
	Υ	220362.38554	방위각	2	207°	30' 46.62"

R 1	200.00000	А	115.09663	R 2	0.00000
L 1	66.23617		원중심 좌표 1	L2	0.00000
X 1	66.05478	Х	198066.34209	X 2	0.00000
Y 1	3.64887	Y 2	220179.05143	Y 2	0.00000
T 1	0.16559		원중심 좌표 2	T 2	0.0000
TL1	44.22104	Х	0.00000	TL2	0.00000
TK1	22.13654	Y 2	0.00000	TK2	0.00000

구분	누가거리	X 좌표	Y 좌표
KE	157.09724	198004.45465	220369.23541
KA	223.33341	197944 . 18464	220341.95767

구 분	누가거리	측점(STA.)	X좌丑	Y좌표	방위각
KE	157.09724	0+157.09724	198004.45465	220369.23541	198° 1′ 31.14″
	157.30650	0+157.30650	198004.25569	220369.17055	198° 5′ 6.61″
	160.00000	0+160.00000	198001.70087	220368.31748	198° 50′ 19.23″
.,	161.13210	0+161.13210	198000.63041	220367.94904	199° 8′ 45.64″
	165.53150	0+165.53150	197996,48919	220366.46432	200° 17′ 15.78″
	167.49260	0+167.49260	197994.65265	220365.77657	200° 46′ 10.83"
	169.09270	0+169.09270	197993,15844	220365.20416	201° 9′ 2.12′
	169.37320	0+169.37320	197992,89689	220365.10280	201° 12′ 58.41′
······································	172.93060	0+172,93060	197989.58984	220363.79196	202° 1′ 8.75′
<u>-</u> -	173.65760	0+173.65760	197988.91624	220363.51847	202° 10′ 35.18′
	174.64380	0+174.64380	197988.00368	220363.14454	202° 23′ 10.41′
	180.00000	0+180.00000	197983.07077	220361.05780	203° 27′ 7.68′
	180.04260	0+180.04260	197983.03169	220361.04085	203° 27′ 36.41′
	184.62780	0+184.62780	197978.83886	220359.18509	204° 16′ 23.41′

1		·			2018 211 52 50"
	185.18450	0+185.18450	197978.33156	220358.95583	204° 21′ 56.50″
	188.38540	0+188.38540	197975.42171	220357.62222	204° 52′ 18.05″
	188.47890	0+188.47890	197975.33689	220357.58289	204° 53′ 8.86″
	188.66580	0+188.66580	197975.16736	220357.50420	204° 54′ 50.02″
	189.14980	0+189.14980	197974.72853	220357.30003	204° 59′ 9.46″
	189.96990	0+189.96990	197973.98555	220356.95285	205° 6′ 20.72″
	190.20800	0+190.20800	197973.76997	220356.85176	205° 8′ 23.97″
	191.09920	0+191.09920	197972.96361	220356.47226	205° 15′ 57.45″
	193.05230	0+193.05230	197971.19930	220355.63453	205° 31′ 48.01″
	193.13550	0+193.13550	197971.12423	220355.59866	205° 32′ 27.18″
	193.30190	0+193.30190	197970.97410	220355.52689	205° 33′ 45.21″
	193.73310	0+193.73310	197970.58520	220355.34064	205° 37′ 5.39″
	194.46410	0+194.46410	197969.92632	220355.02404	205° 42′ 38.14″
	195.24230	0+195.24230	197969.22545	220354.68585	205° 48′ 23.23″
	195.38550	0+195.38550	197969.09654	220354.62349	205° 49′ 25.71″
	195.47200	0+195.47200	197969.01868	220354.58580	205° 50′ 3.29″
	198.98330	0+198.98330	197965.86374	220353.04452	206° 13′ 50.55″
	199.31060	0+199.31060	197965.57019	220352.89977	206° 15′ 53.81″
	199.68670	0+199.68670	197965.23298	220352.73322	206° 18′ 13.39″
	200.00000	0+200.00000	197964.95215	220352,59431	206° 20′ 7.98″
	202.54970	0+202.54970	197962.66954	220351.45825	206° 34′ 43.70″
	203.18490	0+203.18490	197962.10161	220351.17377	206° 38′ 6.12″
	203.39700	0+203.39700	197961.91203	220351.07865	206° 39′ 12.31″
	203.48440	0+203.48440	197961.83392	220351.03944	206° 39′ 39.38″
	203.92050	0+203.92050	197961.44425	220350.84363	206° 41′ 52.68″
	204.70330	0+204.70330	197960.74511	220350.49153	206° 45′ 44.52″
	205.05020	0+205.05020	197960.43540	220350.33525	206° 47′ 24.21″
	206.54590	0+206.54590	197959.10092	220349.65977	206° 54′ 12.59″
	206.62530	0+206.62530	197959.03012	220349.62383	206° 54′ 33.29″
	207.02160	0+207.02160	197958.67677	220349.44439	206° 56′ 15.17″
	207.73360	0+207.73360	197958.04216	220349.12157	206° 59′ 12.06″
	208.04940	0+208.04940	197957.76078	220348.97821	207° 0′ 27.99″
	208.99840	0+208.99840	197956.91550	220348.54680	207° 4′ 6.82″
	209.08340	0+209.08340	197956.83981	220348.50812	207° 4′ 25.73″
	210.48780	0+210.48780	197955.58978	220347.86801	207° 9′ 21.98″
	211.24480	0+211.24480	197954.91635	220347.52226	207° 11′ 48.93″
	211.24490	0+211.24490	197954.91626	220347.52222	207° 11′ 48.95″
	211.65530	0+211.65530	197954.55127	220347.33458	207° 13′ 4.88″
	211.73320	0+211.73320	197954.48199	220347.29894	207° 13′ 19.00″
	213.02110	0+213.02110	197953.33706	220346.70919	207° 16′ 58.71″
	215.20320	0+215.20320	197951.39850	220345.70741	207° 22′ 12.01″
	217.36630	0+217.36630	197949.47815	220344,71180	207° 26′ 9.41″
	219.52640	0+219.52640	197947.56143	220343.71570	207° 28′ 53.78″
	220.00000	0+220.00000	197947.14128	220343,49712	207° 29′ 20.11″
	220.16180	0+220.16180	197946.99775	220343.42244	207° 29′ 28.30″
	420.10100	0.220.10100	191940.33110	220073.72274	1 201 20 20.00

. <del>.</del>	221.60490	0+221.60490	197945.71770	220342.75610	207° 30′ 23.36″
	221.68470	0+221.68470	197945.64692	220342.71924	207° 30′ 25.45″
	221.92420	0+221.92420	197945.43450	220342.60862	207° 30′ 31.16″
	221.96710	0+221.96710	197945.39645	220342.58881	207° 30′ 32.08″
	223.07350	0+223.07350	197944.41516	220342.07773	207° 30′ 46.09″
··	223.31080	0+223.31080	197944.20470	220341.96811	207° 30′ 46.61″
KA	223.33341	0+223.33341	197944.18464	220341.95767	207° 30′ 46.62″

## IP4 (좌향)

구 분		원 곡 선	교각(IA)	0.	0,	0.00"
18717	Х	197837 . 22033	방위각	1	207°	30' 46.62"
IP좌표	Υ	220286 . 24484	ਰਸਜ	2	207 °	30' 46.62"

	Х	0.00000	R	0.00000	CL	0.00000
│원 중심 좌표	Υ	0.00000	ΤL	0.00000	S L	0.00000

구분	누가거리	X 좌표	Y 좌표
ВС	223.33341	197944 . 18464	220341.95767
E C	464.54106	197730.25602	220230.53202

구 분	누가거리	측정(STA.)	X좌표	Y좌표	방위각
ВС	223.33341	0+223.33341	197944.18464	220341.95767	207° 30′ 46.62″
	223.35490	0+223.35490	197944.16559	220341.94774	207° 30′ 46.62″
· · · · · ·	223.38510	0+223.38510	197944.13880	220341.93379	207° 30′ 46.62″
•	223.60830	0+223.60830	197943.94084	220341.83068	207° 30′ 46.62″
	224.68040	0+224.68040	197942.98999	220341.33543	207° 30′ 46.62″
	224.94310	0+224.94310	197942.75700	220341.21407	207° 30′ 46.62″
	227.05500	0+227.05500	197940.88394	220340.23848	207° 30′ 46.62″
	228.40510	0+228.40510	197939.68653	220339.61481	207° 30′ 46.62″
	235.67130	0+235.67130	197933.24209	220336.25819	207° 30′ 46.62″
	236.52400	0+236.52400	197932.48583	220335.86429	207° 30′ 46.62″
	237.99260	0+237.99260	197931.18332	220335.18587	207° 30′ 46.62″
	238.72440	0+238.72440	197930.53428	220334.84782	207° 30′ 46.62′
	240.00000	0+240.00000	197929.40294	220334.25855	207° 30′ 46.62′
	241.13860	0+241.13860	197928.39311	220333.73258	207° 30′ 46.62′
<u> </u>	241.59600	0+241.59600	197927.98744	220333.52128	207° 30′ 46.62′
	241.61370	0+241.61370	197927.97174	220333.51311	207° 30′ 46.62′
	241.71580	0+241.71580	197927.88119	220333.46594	207° 30′ 46.62′
	242.12630	0+242.12630	197927.51711	220333.27631	207° 30′ 46.62′
	242.15160	0+242.15160	197927.49467	220333.26462	207° 30′ 46.62′
•	242,16840	0+242.16840	197927.47977	220333.25686	20 <b>7</b> ° 30′ 46.62
	242.76500	0+242.76500	197926.95064	220332.98126	207° 30′ 46.62

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	243.26620	0+243.26620	197926.50613	220332.74974	207° 30′ 46.62″
	243.78370	0+243.78370	197926.04715	220332.51068	207° 30′ 46.62″
	244.23860	0+244.23860	197925.64370	220332.30054	207° 30′ 46.62″
	250.24960	0+250.24960	197920.31250	220329.52376	207° 30′ 46.62″
	250.43440	0+250.43440	197920.14860	220329.43839	207° 30′ 46.62″
	254.69860	0+254.69860	197916.36666	220327.46855	207° 30′ 46.62″
	254.72030	0+254.72030	197916.34741	220327.45852	207° 30′ 46.62″
	257.51400	0+257.51400	197913.86966	220326.16798	207° 30′ 46.62″
	257.58880	0+257.58880	197913.80332	220326.13342	207° 30′ 46.62″
	257.96580	0+257.96580	197913.46896	220325.95927	207° 30′ 46.62″
	260,00000	0+260.00000	197911.66481	220325.01957	207° 30′ 46.62″
	262.08980	0+262.08980	197909.81135	220324.05419	207° 30′ 46.62″
	262.30710	0+262.30710	197909.61863	220323.95381	207° 30′ 46.62″
	262.32690	0+262.32690	197909.60107	220323.94466	207° 30′ 46.62″
	262.55110	0+262.55110	197909.40222	220323.84109	207° 30′ 46.62″
	263.33000	0+263.33000	197908.71141	220323.48128	207° 30′ 46.62″
	263.52840	0+263.52840	197908.53545	220323.38963	207° 30′ 46.62″
	263.58290	0+263.58290	197908.4871 <b>1</b>	220323.36445	207° 30′ 46.62″
	263.93130	0+263.93130	197908.17811	220323.20351	207° 30′ 46.62″
	264.20100	0+264.20100	197907.93892	220323.07892	207° 30′ 46.62″
	265.50420	0+265.50420	197906.78310	220322.47691	207° 30′ 46.62″
	265.81640	0+265.81640	197906,50621	220322.33269	207° 30′ 46.62″
	266.77340	0+266.77340	197905.65744	220321.89061	207° 30′ 46.62″
	266.86990	0+266.86990	197905.57185	220321.84603	207° 30′ 46.62″
	267.11830	0+267.11830	197905.35154	220321.73128	207° 30′ 46.62″
	267.21730	0+267.21730	197905.26374	220321.68555	207° 30′ 46.62″
	267.71460	0+267.71460	197904.82268	220321.45582	207° 30′ 46.62″
	268.28850	0+268.28850	197904.31369	220321.19071	207° 30′ 46.62″
	268.67100	0+268.67100	197903.97444	220321.01401	207° 30′ 46.62″
	268.95920	0+268.95920	197903.71884	220320.88088	207° 30′ 46.62″
	269.27820	0+269.27820	197903.43591	220320.73352	207° 30′ 46.62″
	269.35780	0+269.35780	197903.36532	220320.69675	207° 30′ 46.62″
	269.37750	0+269.37750	197903.34785	220320.68764	207° 30′ 46.62″
	269.46110	0+269.46110	197903.27370	220320.64903	207° 30′ 46.62″
	269.78600	0+269.78600	197902.98554	220320.49894	207° 30′ 46.62″
	269.87160	0+269.87160	197902.90962	220320.45940	207° 30′ 46.62″
	271.15030	0+271.15030	197901.77554	220319.86870	207° 30′ 46.62″
	271.98100	0+271.98100	197901.03878	220319.48496	207° 30′ 46.62″
	272.44450	0+272.44450	197900.62770	220319.27085	207° 30′ 46.62″
	272.49970	0+272,49970	197900.57875	220319.24535	207° 30′ 46.62″
	272.60340	0+272.60340	197900.48677	220319.19744	207° 30′ 46.62″
	272.92180	0+272.92180	197900.20438	220319.05036	207° 30′ 46.62″
	273.37240	0+273.37240	197899.80474	220318.84220	207° 30′ 46.62″
	273.86920	0+273.86920	197899.36413	220318.61271	207° 30′ 46.62″
	274.66690	0+274.66690	197898.65664	220318.24421	207° 30′ 46.62″
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275	.19020	0+275.19020	197898.19252	220318.00247	207° 30′ 46.62″
277	.21230	0+277.21230	197896.39911	220317.06837	207° 30′ 46.62″
277	.78450	0+277.78450	197895.89162	220316.80404	207° 30′ 46.62″
278	.76040	0+278.76040	197895.02609	220316.35322	207° 30′ 46.62″
279	.00510	0+279.00510	197894.80906	220316.24018	207° 30′ 46.62″
279	.09640	0+279.09640	197894.72809	220316.19801	207° 30′ 46.62″
279	.36070	0+279.36070	197894.49368	220316.07591	207° 30′ 46.62″
279	.60980	0+279.60980	197894.27275	220315.96084	207° 30′ 46.62″
280	0.0000	0+280.00000	197893.92668	220315.78059	207° 30′ 46.62″
284	1.24940	0+284.24940	197890.15786	220313.81758	207° 30′ 46.62″
288	3.34220	0+288.34220	197886.52793	220311.92692	207° 30′ 46.62″
289	0.09000	0+289.09000	197885.86470	220311.58147	207° 30′ 46.62″
290	0.05280	0+290.05280	197885.01079	220311.13671	207° 30′ 46.62″
290	).54000	0+290.54000	197884.57869	220310.91165	207° 30′ 46.62″
290	).81760	0+290.81760	197884.33248	220310.78341	207° 30′ 46.62″
290	).89990	0+290.89990	197884.25949	220310.74539	207° 30′ 46.62″
291	1.30860	0+291.30860	197883.89701	220310.55659	207° 30′ 46.62″
291	L.47580	0+291.47580	197883.74872	220310.47936	207° 30′ 46.62″
291	1.67110	0+291.67110	197883.57551	220310.38914	207° 30′ 46.62″
293	1.95190	0+291.95190	197883.32646	220310.25942	207° 30′ 46.62″
292	2.09470	0+292.09470	197883.19981	220310.19346	207° 30′ 46.62″
292	2.25070	0+292.25070	197883.06146	220310.12139	207° 30′ 46.62″
299	2.52490	0+292.52490	197882.81827	220309.99472	207° 30′ 46.62″
293	2.66890	0+292.66890	197882.69055	220309.92820	207° 30′ 46.62″
29:	2.72950	0+292.72950	197882.63681	220309.90021	207° 30′ 46.62″
29:	2.87300	0+292.87300	197882.50953	220309.83392	207° 30′ 46.62″
29.	3.30530	0+293.30530	197882.12612	220309.63422	207° 30′ 46.62″
29.	3.44990	0+293.44990	197881.99788	220309.56742	207° 30′ 46.62″
29	5.08820	0+295.08820	197880.54486	220308.81061	207° 30′ 46.62″
	5.87580	0+295.87580	197879.84633	220308.44678	207° 30′ 46.62″
29	9.62340	0+299.62340	197876.52256	220306.71558	207° 30′ 46.62″
30	0.00000	0+300.00000	197876.18855	220306.54161	207° 30′ 46.62″
30	4.60540	0+304.60540	197872.10399	220304.41415	207° 30′ 46.62″
30	5.96480	0+305.96480	197870.89833	220303.78618	207° 30′ 46.62″
30	6.64330	0+306.64330	197870.29657	220303,47274	207° 30′ 46.62″
30	6.72090	0+306.72090	197870.22774	220303.43690	207° 30′ 46.62″
30	7.39550	0+307.39550	197869.62944	220303.12526	207° 30′ 46.62″
30	9.10490	0+309.10490	197868.11336	220302.33561	207° 30′ 46.62″
30	9.84160	0+309.84160	197867.45997	220301.99529	207° 30′ 46.62″
31	3.96440	0+313.96440	197863.80344	220300.09077	207° 30′ 46.62″
31	4.00870	0+314.00870	197863.76415	220300.07030	207° 30′ 46.62″
31	4.19000	0+314,19000	197863.60335	220299.98655	207° 30′ 46.62″
31	4.64420	0+314.64420	197863.20052	220299.77673	207° 30′ 46.62″
31	4.66710	0+314.66710	197863.18021	220299.76616	207° 30′ 46.62″
31	4.71110	0+314.71110	197863.14118	220299.74583	207° 30′ 46.62″

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 314.82650	0+314.82650	197863.03883	220299.69252	207° 30′ 46.62″
314.89100	0+314.89100	197862.98163	220299.66273	207° 30′ 46.62″
315.34200	0+315.34200	197862.58163	220299.45439	207° 30′ 46.62″
315.52290	0+315.52290	197862.42119	220299.37082	207° 30′ 46.62″
319.85900	0+319.85900	197858.57548	220297.36776	207° 30′ 46.62″
320.00000	0+320.00000	197858.45042	220297.30263	207° 30′ 46.62″
324.17330	0+324.17330	197854.74910	220295.37478	207° 30′ 46.62″
324.77830	0+324.77830	197854.21252	220295.09530	207° 30′ 46.62″
324.79890	0+324.79890	197854.19425	220295.08578	207° 30′ 46.62″
325.05010	0+325.05010	197853.97146	220294.96974	207° 30′ 46.62″
325.66910	0+325.66910	197853.42246	220294.68379	207° 30′ 46.62″
329.80850	0+329.80850	197849.75120	220292.77160	207° 30′ 46.62″
330.39160	0+330.39160	197849.23405	220292.50224	207° 30′ 46.62″
335.08530	0+335.08530	197845.07117	220290.33399	207° 30′ 46.62″
335.63240	0+335.63240	197844.58595	220290.08126	207° 30′ 46.62″
339.96260	0+339.96260	197840.74546	220288.08092	207° 30′ 46.62″
340.00000	0+340.00000	197840.71229	220288.06365	207° 30′ 46.62″
344.33850	0+344.33850	197836.86445	220286.05948	207° 30′ 46.62″
344.84260	0+344.84260	197836,41736	220285.82661	207° 30′ 46.62″
344.85940	0+344.85940	197836.40246	220285.81885	207° 30′ 46.62″
345.45490	0+345.45490	197835.87431	220285.54376	207° 30′ 46.62″
345.95520	0+345.95520	197835.43059	220285.31265	207° 30′ 46.62″
350.96740	0+350.96740	197830.98524	220282.99727	207° 30′ 46.62″
351.45330	0+351.45330	197830.55429	220282.77281	207° 30′ 46.62″
354.87030	0+354,87030	197827.52373	220281.19433	207° 30′ 46.62″
355.34960	0+355.34960	197827.09863	220280.97291	207° 30′ 46.62″
359.99910	0+359.99910	197822.97496	220278.82508	207° 30′ 46.62″
360.00000	0+360.00000	197822.97416	220278.82467	207° 30′ 46.62″
363.81220	0+363.81220	197819.59310	220277.06362	207° 30′ 46.62″
365.01500	0+365.01500	197818.52633	220276.50799	207° 30′ 46.62″
366.33010	0+366.33010	197817.35996	220275.90048	207° 30′ 46.62″
380.00000	0+380.00000	197805.23604	220269.58568	207° 30′ 46.62″
385.18730	0+385.18730	197800.63539	220267.18942	207° 30′ 46.62″
386.64230	0+386.64230	197799.34494	220266.51728	207° 30′ 46.62″
400.00000	0+400.00000	197787.49791	220260.34670	207° 30′ 46.62″
405.35970	0+405.35970	197782.74435	220257.87079	207° 30′ 46.62″
406.92230	0+406.92230	197781.35847	220257.14895	207° 30′ 46.62″
420.00000	0+420.00000	197769.75978	220251.10772	207° 30′ 46.62″
425.53200	0+425.53200	197764.85341	220248.55222	207° 30′ 46.62″
433.09660	0+433.09660	197758.14432	220245.05776	207° 30′ 46.62″
 434.00440	0+434.00440	197757.33918	220244.63840	207° 30′ 46.62″
434.20610	0+434.20610	197757.16030	220244.54523	207° 30′ 46.62″
434.81130	0+434.81130	197756.62354	220244.26565	207° 30′ 46.62″
435.01300	0+435.01300	197756.44465	220244.17248	207° 30′ 46.62″
440.00000	0+440.00000	197752.02165	220241.86874	207° 30′ 46.62″

	445.70430	0+445.70430	197746.96247	220239.23364	207° 30′ 46.62″
	460.00000	0+460.00000	197734.28352	220232.62976	207° 30′ 46.62″
EC	464.54106	0+464.54106	197730.25602	220230.53202	207° 30′ 46.62″

## IP5 (좌향)

구 분		원 곡 선	교각(IA)	교각(IA) 5 * 46 ' 27.5		
	Х	197698.94541	HLOLDL	1	207 ° 30 ' 46.62"	
│ IP좌표 ├──	Υ	220214.22375	방위각	2	201 * 44' 19.08"	

워 주신 자꾸	Х	197406.89168	R	700.00000	GL	70.54657
원 중심 솨표 	Υ	220851.36654	ΤL	35.30317	\$ L	0.88966

구분	누가거리	X 좌표	Y 좌표
ВС	464.54106	197730.25602	220230.53202
E C	535.08763	197666 . 15290	220201.14841

구 분	누가거리	축점(STA.)	X좌표	Y좌표	방위각
EC	464.54106	0+464.54106	197730.25602	220230.53202	207 ° 30' 46.62"
	465.87690	0+465.87690	197729.07067	220229.91606	207 ° 24' 12.99"
,	480.00000	0+480.00000	197716.46765	220223.54275	206 ° 14' 51.42"
	486.09610	0+486.09610	197710.98845	220220.87058	205 ° 44 ' 55.12"
	500.00000	0+500.00000	197698.40592	220214.95516	204 * 36 38.14
	506.41100	0+506.41100	197692.56516	220212.31203	204 5' 9.05"
	520.00000	0+520.00000	197680 . 10624	220206.88705	202 * 58' 24.86"
	526.84040	0+526.84040	197673.79544	220204.24802	202 ° 24' 49.24"
EC	535.08763	0+535.08763	197666 . 15290	220201.14841	201 * 44   19.08"

## IP6 (우향)

구 분	원 곡 선		교각(IA)	5 *	46' 27.54"
10.71.77	Х	197633.36038	바위가	1	201 * 44' 19.08"
IP좌표	Υ	220188.07306	- 영취각	2	207 ° 30' 46.62"

	Х	197925.41412	R	700.00000	CL	70.54657
원 중심 좌표  	Y	219550.93027	ΤĻ	35.30317	S L	0.88966

구분	누가거리	X 좌표	Y 좌표
ВС	535.08763	197666.15290	220201.14841
E C	605.63420	197602.04977	220171.76479

구 분	누가거리	촉점(STA.)	X좌표	Y좌표		방위	각
EC	535.08763	0+535.08763	197666.15290	220201.14841	201°	44'	19.08"
	540.00000	0+540.00000	197661.59630	220199.31300	202 °	8'	26.58"
	547.35300	0+547.35300	197654.80018	220196.50606	202 °	44'	33.24
	560.00000	0+560.00000	197643 . 18127	220191.51175	203 °	46'	39.86
	563.01330	0+563.01330	197640.42638	220190.29088	204°	1'	27.77
	563.54460	0+563.54460	197639.94119	220190.07439	204 °	4'	4.33'
	568.42260	0+568.42260	197635 . 49423	220188.06955	204 °	281	1.70"
· · · · · · · · · · · · · · · · · · ·	580.00000	0+580.00000	197624.99663	220183.18760	205°	24'	53.14"
	587.05440	0+587.05440	197618.64028	220180.12803	205°	59'	31.82"
	587.57800	0+587.57800	197618. 16973	220179.89838	206 °	2'	6.10'
<u> </u>	587.68270	0+587.68270	197618.07565	220179.85242	206 °	_2'	36.95
	589.46210	0+589.46210	197616.47793	220179.06914	206 °	11'	21.28
	600.00000	0+600.00000	197607.05720	220174.34737	207 °	3,	6.42
EC	605.63420	0+605.63420	197602.04977	220171.76479	207 °	30'	46.62

#### IP7 (좌향)

구 분		원 곡 선	교각(IA <b>)</b>	0.	0'	0.00"
IOTIT	Х	197493.68496	방위각	1	207 °	30' 46.62"
IP좌표	Y	220115.32251	ଅନୀୟ	2	207°	30' 46.62"

의 주신 <u>자</u> 프	Х	0.0000	R	0.00000	CL	0.00000
현 중심 좌표 	Υ	0.00000	ΤL	0.00000	SL	0.00000

구분	누가거리	X 좌표	Y 좌표
ВС	605.63420	197602.04977	220171.76479
E C	850.00001	197385.32016	220058.88023

구 분	누가거리	축점(STA.)	X좌丑	Y좌표	방위각
EC	605.63420	0+605.63420	197602.04977	220171.76479	207° 30′ 46.62″
	610.31120	0+610.31120	197597.90171	220169.60426	207° 30′ 46.62″
	620.00000	0+620.00000	197589.30865	220165.12852	207° 30′ 46.62″
	631.08080	0+631.08080	197579.48102	220160.00976	207° 30′ 46.62″
	640.00000	0+640.00000	197571.57052	220155.88954	207° 30′ 46.62″
	651.70750	0+651.70750	197561.18706	220150.48127	207° 30′ 46.62″
	660.00000	0+660.00000	197553.83239	220146.65056	207° 30′ 46.62″
	671.70750	0+671.70750	197543.44893	220141.24229	207° 30′ 46.62″
	680.00000	0+680.00000	197536.09426	220137.41158	207° 30′ 46.62″
	691.70750	0+691.70750	197525.71081	220132.00331	207° 30′ 46.62″
	700.00000	0+700.00000	197518.35613	220128.17260	207° 30′ 46.62″
	711.70750	0+711.70750	197507.97268	220122.76433	207° 30′ 46.62″
	720.00000	0+720.00000	197500.61800	220118.93362	207° 30′ 46.62″

	740.00000	0+740.00000	197482.87988	220109.69464	207° 30′ 46.62″
	760.00000	0+760.00000	197465.14175	220100.45565	207° 30′ 46.62″
	780.00000	0+780.00000	197447,40362	220091.21667	207° 30′ 46.62″
	800.00000	0+800.00000	197429.66549	220081.97769	207° 30′ 46.62″
	820.00000	0+820.00000	197411.92736	220072.73871	207° 30′ 46.62″
EC	840.00000	0+840.00000	197394.18923	220063.49973	207° 30′ 46.62″

#### ΕP

CD 71 77	Х	197394.18923	바일가	207 * 30 ' 46,62"
P 좌표	Α	220063.49973	6717	207 00 40.02

#### 카. 기장 · 일광나들목 RAMP-D

#### BP

00 TI II	X	197745.93244	바일가	35 ° 0' 28.31"
BP 좌표	Y	220307.72773		33 0 20.31

## IP1 (우향)

구 분	원 곡 선		교각(IA)	4 °	31' 16.08"
IP좌표	Х	197768.88871	바일가	1	35° 0'28.31"
	Υ	220323.80658	6114	2	39 ° 31 ' 44.39"

	Х	197338.61336	R	710.00000	CL	56.02515
원 중심 좌표	Υ	220889.26979	ΤL	28.02712	S L	0.55297

구분	누가거리	X 좌표	Y 좌표
ВС	0.00000	197745.93244	220307.72773
E C	56.02515	197790.50610	220341.64496

구 분	누가거리	측점(STA.)	五径X	Y좌표	방위각
BC	0.00000	0+ 0.00000	197745.93244	220307.72773	35 " 0' 28.31"
	1.54930	0+ 1.54930	197747.20046	220308.61793	35° 7'58.40"
	20.00000	0+ 20.00000	197762.15015	220319.43070	36° 37' 18.58"
<u></u>	20.10940	0+ 20.10940	197762.23795	220319.49597	36 * 37 50.37"
	21.55260	0+ 21.55260	197763.39524	220320.35824	36° 44′ 49.63″
	40.00000	0+ 40.00000	197778.03180	220331.58580	38 * 14' 8.86"
.,	40.26700	0+ 40.26700	197778.24149	220331.75109	38 * 15   26.43"
	41.57310	0+ 41.57310	197779.26635	220332.56076	38 ° 21 ' 45.87"
EC	56.02515	0+ 56.02515	197790.50610	220341.64496	39 ° 31' 44.39"

## IP2 (우향)

구 분	크로소이드		교각(IA)	1 ° 25 ' 7.31"	
10.71.77	Х	197799.54644	반위간	1	39° 31' 44.39"
IP좌표	Y	220349.10493	방위각	2	40 * 56 51.70"

R 1	710.00000	Α	158.00000	R 2	0.00000
· L 1	35.16056		원중심 좌표 1	L 2	0.0000
X 1	35. 15841	Х	197338.61336	X 2	0.00000
Y 1	0.29019	Y 2	220889.26979	Y 2	0.00000
T 1	0.02476		원중심 좌표 2	T 2	0.00000
TL1	23.44113	Х	0.0000	TL2	0.0000
TK1	11.72087	Y 2	0,00000	TK2	0.00000

구분	누가거리	X 좌표	Y 좌표
KE	56.02515	197790.50610	220341.64496
KA	91.18572	197817.25171	220364.46754

구 분	누가거리	측점(STA.)	X좌표	Y좌丑	방위각
KE	56.02515	0+ 56.02515	197790.50610	220341.64496	39 * 31 ' 44.39 "
	60.00000	0+ 60.00000	197793.56508	220344 . 18307	39 * 49 ' 53.86"
	60.51940	0+ 60.51940	197793.96383	220344.51590	39 ° 52 ' 6.58"
	61.62660	0+ 61.62660	197794.81315	220345.22621	39 * 56' 42.06"
	80.00000	0+ 80.00000	197808.79693	220357.14382	40 ° 48' 14.80"
	80.82880	0+ 80.82880	197809.42419	220357.68553	40 * 49' 28.56"
	81.73330	0+ 81.73330	197810.10853	220358.27697	40 * 50' 42.58"
KA	91.18572	0+ 91.18572	197817.25171	220364.46754	40 ° 56' 51.70"

## IP3 (좌향)

구 분	크로소이드		교각(IA)	5 *	41' 6.01"
IP좌표 -	Х	197835.24737	нгогч	1	40 ° 56' 51.70"
	Υ	220380.08210	방위각	2	35° 15' 45.69"

R 1	0.00000	A	80.18471	R 2	180.00000
L 1	0.00000		원중심 좌표 1	L 2	35.71993
X 1	0.00000	Х	0.00000	X 2	35.68478
Y 1	0.00000	Y 2	0.00000	Y 2	1.18057
T 1	0.00000		원중심 좌표 2	T 2	0.09922
TL1	0.00000	Х	197948.89712	TL2	23.82558
TK1	0.00000	Y 2	220239.99011	TK2	11.91782

구분	누가거리	X 좌표	Y 좌표
KA	91.18572	197817.25171	220364.46754
KE	126.90565	197844.97843	220386.96257

구 분	누가거리	촉점(STA.)	X좌표	Y좌표	방위각
KA	91.18572	0+ 91.18572	197817.25171	220364.46754	40° 56′ 51.70″
	97.50000	0+ 97.50000	197822.02521	220368.60079	40° 46′ 12.17″
·	97.90000	0+ 97.90000	197822.32820	220368.86194	40° 44′ 48.58″
	99.00000	0+ 99.00000	197823.16200	220369.57943	40° 40′ 32.23″
	99.20000	0+ 99.20000	197823.31370	220369.70977	40° 39′ 41.46″
	100.00000	0+100.00000	197823.92082	220370.23072	40° 36′ 5.51"
	100.70000	0+100.70000	197824.45252	220370.68602	40° 32′ 39.71″
	100.70000	0+100.70000	197824.45252	220370.68602	40° 32′ 39.71″
	102.14873	0+102.14873	197825.55448	220371.62650	40° 24′ 43.86″
	104.10000	0+104.10000	197827.04240	220372.88886	40° 12′ 16.53″
	104,50000	0+104.50000	197827.34800	220373.14694	40° 9′ 28.24″
	106.00000	0+106.00000	197828.49597	220374.11243	39° 58′ 11.45″
	106.40000	0+106.40000	197828.80264	220374.36925	39° 54′ 58.79″
	107.20000	0+107.20000	197829,41672	220374.88199	39° 48′ 18.06″
	107.20000	0+107.20000	197829.41672	220374.88199	39° 48′ 18. <b>06</b> ″
	109,40000	0+109.40000	197831.11085	220376.28553	39° 28′ 10.18″
	109.40000	0+109.40000	197831.11085	220376.28553	39° 28′ 10.18″
	116.40000	0+116.40000	197836.56389	220380.67438	38° 6′ 53.93″
	117.80000	0+117.80000	197837.66779	220381.53543	37° 47′ 30.05″
	120.00000	0+120.00000	197839.41260	220382.87542	37° 14′ 54.05″
	120.11940	0+120.11940	197839.50767	220382.94766	37° 13′ 3.45″
····	120.75410	0+120.75410	197840.01366	220383.33083	37° 3′ 7.86″
	120.96580	0+120.96580	197840.18268	220383.45831	36° 59′ 46.32″
	121.67530	0+121.67530	197840.75004	220383.88432	36° 48′ 20.42″
	122.54100	0+122.54100	197841.44426	220384.40152	36° 34′ 1.64″
	123.08640	0-123.08640	197841.88273	220384.72587	36° 24′ 48.25″
	123.83000	0+123.83000	197842.48197	220385,16616	36° 11′ 58.39″
	126.49220	0+126.49220	197844.64112	220386.72349	35° 23′ 36.72″
KE	126.90565	0+126.90565	197844.97843	220386.96257	35° 15′ 45.69″

#### IP4 (좌향)

구 분	원 곡 선		교각(IA)	18 °	38' 31.74"
107177	Х	197869 . 10161	HFOLDE	1	35° 15' 45.69"
IP좌표	Υ	220404.01916	방위각 -	2	16° 37' 13.95"

이 조사 지표	Х	197948.89712	R	180.00000	CL	58.56605
원 중심 좌표 	Υ	220239.99011	ΤL	<b>29</b> .54412	SL	2.40848

구분	누가거리	X 좌표	Y 좌표
ВС	126.90565	197844.97843	220386.96257
E C	185,47169	197897.41138	220412.46972

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
BC	126.90565	0+126.90565	197844.97843	220386.96257	35° 15' 45.69"
<del></del> .	131.90000	0+131.90000	197849.09586	220389.78900	33 * 40 1 22.58"
	134.60000	0+134.60000	197851.35399	220391.26911	32 ° 48 ' 48.61"
	140.00000	0+140.00000	197855.93557	220394.12689	31 ° 5' 40.67"
	141.58660	0+141.58660	197857.29779	220394.94030	30 ° 35' 22.56"
	141.98400	0+141.98400	197857 . 640 i i	220395 . 14215	30 ° 27 ' 47.17"
	144.49810	0+144.49810	197859.81599	220396.40159	1 29 ° 39' 46.22"
	160.00000	0+160.00000	197873.59991	220403.48423	24 ° 43' 42.36"
	161.29060	0+161.29060	197874.77409	220404.0 <b>1</b> 991	24 ° 19' 3.44"
	161.44720	0+161.44720	197874.91682	220404.08433	24 ° 16' 3.99"
	163.50290	0+163.50290	197876.79565	220404.91851	23 ° 361 48.33"
	166.04780	0+166.04780	197879, 13459	220405.92138	22 ° 48' 12.09"
·	180.00000	0+180.00000	197892 , 19289	220410.82520	18 ° 21 ' 44.04"
	180.86120	0+180.86120	197893.01088	220411.09454	18° 5' 17.18"
EC	185.47169	0+185.47169	197897 . 41138	220412.46972	16 ° 37′ 13.95″

#### IP5 (좌향)

구 분	크 로 소 이 드	교각(IA)	5 °	56' 43.16"
10717	X 197909.35524		1	16° 37' 13.95"
IP좌표	Y 220416.03500	방위각	2	10 * 40   30.79"

R 1	180.00000	Α	82.00000	R 2	0.00000
L 1	37.35556		원중심 좌표 1	L 2	0.00000
X 1	37.31535	X	197948.89712	X 2	0.0000
Y 1	1,29108	Y 2	220239.99011	Y 2	0.0000
T 1	0.10377		원중심 좌표 2	T 2	0.00000
TL1	24.91776	Х	0.00000	TL2	0.0000
TK1	12.46463	Y 2	0.00000	TK2	0.00000

구분	누가거리	X 좌프	Y 좌표
ΚE	185.47169	197897.41138	220412.46972
K A	222.82725	. 197933.84175	220420.65081

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
KE	185.47169	0+185.47169	197897.41138	220412.46972	16° 37' 13.95"
	187.68220	0+187.68220	197899.53329	220413.08923	15° 56' 15.84"

	200.00000	0+200.00000	197911.46756	220416.13319	12° 53' 43.14"
	200.66470	0+200.66470	197912.11566	220416.28081	12 46 4.46
	200.69090	0+200.69090	197912.14121	220416.28659	12 * 45 ' 46 . 66 "
	209.37920	0+209.37920	197920.63786	220418.10048	11 ° 26 ' 44.66"
	220.00000	0+220.00000	197931.06354	220420.12654	10 ' 42' 33.39
	221.68120	0+221.68120	197932.71555	220420.43848	10 ° 40 ' 50.94 '
KA	222.82725	0+222.82725	197933.84175	220420.65081	10 ° 40' 30.79'

## IP6 (우향)

구 분	크 로 소 이 드		교각(IA)	3 * 42' 44.30"	
	Х	197959.31559	HFOLDE	1	10 * 40' 30.79"
IP좌표	Y 220425.45273	방위각	2	14 * 23' 15.09"	

R 1	0.00000	A	107.99328	R 2	300.00000
L 1	0.00000		원중심 좌표 1	L 2	38.87516
X 1	0.00000	X	0.00000	X 2	38.85884
Y 1	0.00000	Y 2	0.00000	Y 2	0.83935
Т1	0.00000	•	원중심 좌표 2	T 2	0.06479
TL1	0.00000	Х	197897.32889	TL2	25.92247
TK1	0.00000	Y 2	220719.26509	TK2	12.96357

구분	누가거리	X 좌표	Y 좌표
K A	222.82725	197933.84175	220420.65081
ΚE	261.70241	197971.87258	220428.67391

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
KA	222.82725	0+222.82725	197933.84175	220420.65081	10 ° 40' 30.79"
	226.84500	0+226.84500	197937.78980	220421.39598	10 ° 42' 53.54"
,	228.82350	0+228.82350	197939.73366	220421.76460	10 ° 45 ' 48.74"
	229.15360	0+229.15360	197940.05794	220421.82627	10 * 46' 24.71"
	229.26370	0+229.26370	197940.16610	220421.84686	10 46 37.14"
	231.24710	0+231.24710	197942.11430	220422.21890	10 * 50' 57.71"
,,	240.00000	0+240.00000	197950.70362	220423.90299	11 * 23' 58.63"
	242.50000	0+242.50000	197953 . 15334	220424.40184	11 ° 37' 33.20"
	253.20000	0+253.20000	197963.61001	220426.66967	12 * 56' 28.53"
	256.90000	0+256.90000	197967.21182	220427.51636	13 * 31   37.14"
	258.70000	0+258.70000	197968.96075	220427.94206	13 * 50 ' 10.50"
	259.20000	0+259.20000	197969.44615	220428.06201	13° 55' 29.93"
	260.00000	0+260.00000	197970.22240	220428.25551	14 ° 4' 10.23"
KE	261.70241	0+261.70241	197971.87258	220428.67391	14° 23' 15.09"

## IP7 (우향)

구 분	I	원 곡 선	교각(IA)	12 °	31' - 4.41"	
10717	Х	198003.74341	H1 01 71	1	14 ° 23 ' 15.09	)"
IP좌표	Υ	220436.84955	방위각	2	26° 54' 19.50	)"

의 조시 자꾸	Х	197897.32889	R	300.00000	CL	65.54353
전 중심 화표	Υ	220719.26509	ΤL	32.90275	SL	1.79892

구분	누가거리	X 좌표	Y 좌표
ВС	261.70241	197971.87258	220428,67391
E C	327.24594	198033.08460	220451.73867

구 분	누가거리	축점(STA.)	X좌표	Y좌표	방위	각
BC	261,70241	0+261.70241	197971.87258	220428.67391	14° 23'	15.09"
	264.23960	0+264.23960	197974.32751	220429.31473	14 * 52'	19.53"
	264.80000	0+264.80000	197974.86900	220429.45907	14 ° 58 '	44.83"
	268.70000	0+268.70000	197978.62982	220430.49155	15 43	26.28"
	280.00000	0+280.00000	197989.44672	220433.75799	17 * 52'	55.59"
	283.40000	0+283.40000	19 <b>79</b> 92.67648	220434.82031	18° 31'	53.25"
	290.10000	0+290.10000	197999.00478	220437.02049	19 ° 48 '	39.83"
	291.10000	0+291.10000	197999.94503	220437.36098	20 ° 0'	7.38"
	292.00000	0+292.00000	198000.79027	220437,67010	20 ° 10 '	26.18"
	300.00000	0+300.00000	198008.26180	220440.52886	21° 42'	6.57"
	301.99840	0+301.99840	198010.11608	220441.27400	22 * 5'	0.57"
	304.82380	0+304.82380	<b>1980</b> 12.72916	220442.34854	22 * 37	23.17"
	311.30240	0+311.30240	198018.68189	220444.90502	23 ° 51	37.53"
	320.00000	0+320.00000	198026.58403	220448.53809	25° 31'	17.56"
EC	327.24594	0+327.24594	198033.08460	220451.73867	26 ° 54 '	19.50"

#### IP8 (우향)

구 분		크 로 소 이 드 교각(IA)		4 * 42' 35.45"		
107177	Х	198047 . 75491	HFOLDE	1	26 ° 54' 19.50"	
IP좌표	Υ	220459.18309	방위각	2	31 ° 36' 54.95"	

R 1	300.00000	А	121.64055	R 2	0.00000
L 1	49.32141		원중심 좌표 1 <sup>-</sup>	L2	0.00000
X 1	49.28809	Х	197897.32889	X 2	0.0000
Y 1	1.35079	Y 2	220719.26509	Y 2	0.00000
Т 1	0.08220		원중심 좌표 2	Τ2	0.0000
TL1	32.89259	X	0.00000	TL2	0.00000
TK1	16.45106	Y 2	0.00000	TK2	0.00000

구분	누가거리	X 좌표	
KE	327.24594	198033.08460	220451.73867
KA	376.56735	198075,76581	220476.42580

구 분	누가거리	축점(STA.)	X科丑	Y좌표	방위각
KE	327.24594	0+327.24594	198033.08460	220451.73867	26° 54' 19.50"
	336.71480	0+336.71480	198041.46400	220456.14762	28 ° 32' 24.88"
	337.91970	0+337.91970	198042.52156	220456.72499	28 ° 43 ' 24 . 14 "
	340.00000	0+340.00000	198044.34320	220457.72960	29° 1' 34.75"
	346.68000	0+346.68000	198050.15882	220461.01596	29 ° 53' 8.89"
	350.28170	0+350.28170	198053.27527	220462.82148	30 ° 16' 39.07°
	351,59560	0+351.59560	198054.40919	220463.48524	30 * 24' 28.49"
	358.57180	0+358.57180	198060.40681	220467.04832	30 ° 59' 17.76"
	359.74230	0+359.74230	19806 <b>1.4098</b> 2	220467.65166	<b>31°</b> 4' 1.84"
	360.00000	0+360.00000	198061.63054	220467.78468	31 5' 1.82"
	371.86730	0+371.86730	198071.76270	220473.96297	31 ' 34' 20.98"
KA	376.56735	0+376.56735	198075.76581	220476.42580	31 36 54.95

## IP9 (우향)

구 분	원 곡 선		교각(IA)	0.	0' 0.00"
LOT! T	χ	198090.66193	방뮈각	1	31 ° 36' 54.95"
IP좌표	Υ	220485.59542	8715	2	31 * 36   54.95"

Γ,		Х	0.00000	R	0.00000	CL	0.00000
1	원 중심 좌표	Υ	0.0000	ΤL	0.00000	SL	0.00000

구분	누가거리	X 좌표	Y 좌표
ВС	376.56735	198075.7658 <b>1</b>	220476.42580
E C	411.55170	198105.55804	220494.76504

구 분	누가거리	촉점(STA.)	五 五 五 五	Y좌표	방위각
BC	376.56735	0+376.56735	198075.76581	220476.42580	31 36 54.95
	380.00000	0+380.00000	198078.68902	220478.2252 <b>4</b>	31 36 54.95
	381.59630	0+381.59630	198080.04840	220479.06204	31 * 36   54.95"
	387.15910	0+387.15910	198084.78561	220481.97813	31 ° 36 ' 54.95"
· /	387.92980	0+387.92980	198085.44193	220482.38214	31° 36' 54.95"
	388.44530	0+388.44530	198085.88093	220482.65237	31 ° 36' 54.95"
	398.60930	0+398.60930	198094.53646	220487.98047	31 * 36   54.95
	400.00000	0+400.00000	198095.72076	220488.70950	31 ° 36 ' 54.95"
EC	411.55170	0+411.55170	198105.55804	220494.76504	31 ° 36' 54.95"
EC	411.55170	0+411.55170	198105.55804	220494.76504	31 ° 36' 54.95"

#### EP

50 T T	Х	198105.55804	바이가	31 * 36' 54.95"
	Υ	220494 . 76504	ଅମସ	31 30 34.93

#### 카. 군도21호선

#### BP

00 TI TI	Χ	198162.75078	비타이그나	66 ° 0' 34.98"
BP 좌표	Υ	218032.54761	3717	00 0 34.90

#### IP1 (좌향)

7 H 01 7 H		LDTIT	Х	198171.22597	
+ 5	구 분 원 곡 선		l P좌표	Y	218051.59189
FI 0131	1	66 ° 0' 34.98"	이즈사고교	Х	198220.73767
방위각 -	2	41 ° 28 ' 17.55"	원중심좌표	Y	218015.27596

I A	24 * 32 17.43"	R	60.000 <b>00</b>	DT	20.84499
ΤĹ	13.04821	S L	1.40241	CL	25.69632
S D	7.79678	SPX	198172.35680	SPY	218050.76245

구분	누가거리	X 좌표	Y 좌표
ВС	7.79678	198165.9 <b>2081</b>	218039.67086
E C	33.49309	198181.00279	218060.23304

구분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
ВР	0.00000	0+ 0.00000	198162.75078	218032.54761	66 0 34.98
BC	7.79678	0+ 7.79678	198165.92081	218039.67086	66° 0' 34.98"
	18.13800	0+ 18,13800	198170.91675	218048.71060	56° 8' 4.48"
	20.00000	0+ 20.00000	198171.97816	218050.24037	54 ° 21 ' 23.39"
EC	33.49309	0+ 33.49309	198181.00279	218060.23304	41 ° 28 ' 17.55 °
EC	33.49309	0+ 33.49309	198181.00279	218060.23304	41 ° 28 ' 17.55"

## IP2 (우향)

		0 F I	ı DTIT	Х	198201.37771
구 5	=	원 곡 선	I P좌표	Y	218078.24121
41.0171	1	41 * 28' 17.55"	이즈시케큐	Х	198134.64543
방위각	2	83 ° 55 ' 48.98"	원중심좌표	Υ	218112.68297

	. <u></u>				
I A	42 ° 27' 31.43"	R	70.00000	DT	40.24070
TL	27.19249	SL	5.09615	CL	51.87312
S D	0.00000	SPX	198196.84915	SPY	218080.57848

구분	누가거리	X 좌표	Y 좌표
ВС	33.49309	198181.00279	218060.23304
E C	85.36621	198204.25301	218105.28126

구 분	누가거리	측점(STA.)	X좌丑	Y좌표	방위각
	40.00000	0+ 40.00000	198185.67116	218064.76246	46 47 51.08
	42.13780	0+ 42.13780	198187.11063	218066.34289	48 * 32 50.40"
	60.00000	0+ 60.00000	198197.10866	218081.08637	63° 10' 3.88"
-	63.99950	0+ 63.99950	198198.81105	218084.70487	66 * 26' 28.96"
	80.00000	0+ 80.00000	198203.48171	218099.97209	79 ° 32' 16.68"
	84, 18230	0+ 84.18230	198204.11787	218104.10510	82 ° 57' 40.41"
EC	85.36621	0+ 85.36621	198204.25301	218105.28126	83 ° 55 ' 48.98"

#### IP3 (좌향)

		9 7 4	I P좌표	χ	198211.04354
구 = 	구 분 원 곡 선		1 721 22	Υ	218169.14114
HI 017	1	83 ° 55' 48.98"	C1 27 41 71 77	Х	198416.94215
방위각 2	2	68 ° 55' 35.16"	원중심좌표	Y	218119.43686

LA	15° 0' 13.82"	R	210.00000	DΤ	91.41239
ΤL	27.65418	S L	1.81302	CL	54.99194
S D	36.56572	SPX	198212.80593	SPY	218168.71569

구분	누가거리	X 좌표	Y 좌표
ВС	121.93193	198208.11942	218141.64199
E C	176.92387	198220.98705	218194.94579

구 분	누가거리	측점(STA.)	五径X	Y좌표	방위각
	99.20460	0+ 99.20460	198205.71626	218119.04207	83° 55′ 48.98″
	100.00000	0+100.00000	198205.80037	218119.83301	
	101.20760	0+101.20760	198205.92806	218121.03384	
	104.21220	0+104.21220	198206.24576	218124.02159	
	108.21820	0+108.21820	198206.66935	218128.00514	
	120.00000	0+120.00000	198207.91514	218139.72089	
BC	121.93193	0+121.93193	198208.11942	218141.64199	83° 55′ 48.98″
	124.24180	0+124.24180	198208.37629	218143.93752	83° 18′ 0.19″
	133.24480	0+133.24480	198209.61799	218152.85378	80° 50′ 37.33″

	140.00000	0+140.00000	198210.80000	218159.50447	79° 0′ 2.28″
	141.70770	0+141.70770	198211.13264	218161.17946	78° 32′ 4.95″
•	144.24950	0+144,24950	198211.65294	218163.66742	77° 50′ 28.36″
	160.00000	0+160.00000	198215.54437	218178.92582	73° 32′ 38.01″
	161.32060	0+161.32060	198215.92245	218180.19114	73° 11′ 0.90″
	161.71900	0+161.71900	198216.03808	218180.57239	73° 4′ 29.59″
	164.35580	0+164.35580	198216.82152	218183.09009	72° 21′ 19.69″
EC	176.92387	0+176.92387	198220.98705	218194.94579	68° 55′ 35.16″

## IP4 (우향)

			LOTIT	Х	198268.29593
구 분	<u>-</u>	원 곡 선	I P좌표	Y	218317.71824
W. 0131	1	68 ° 55' 35.16"	원중심좌표	Х	198141.60863
방위각	2	106 ° 35' 2.41"		Υ	218322.68424

I A	37 ° 39' 27.25"	R	120.00000	DT	159.22622
TL	40.91862	S L	6.78459	CL	78.86983
SD	90.65343	SPX	198261.51654	SPY	218317.98398

구분	누가거리	X 좌표	Υ 좌표
ВС	267.57730	198253.58297	218279.53628
EC	346,44712	198256.61690	218356.93473

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
	180.00000	0+180.00000	198222.09312	218197.81619	68° 55′ 35.16″
	181.77830	0+181,77830	198222.73254	218199.47556	
	184.72000	0+184.72000	198223.79028	218202.22051	
	186.83980	0+186.83980	198224.55249	218204.19854	
	200.00000	0+200.00000	198229.28445	218216.47858	
	201.87990	0+201.87990	198229.96040	218218.23275	
	205.10040	0+205.10040	198231.11838	218221.23786	
	205.15550	0+205.15550	198231.13819	218221.28928	
	206.09940	0+206.09940	198231.47759	218222.17005	
	206.45890	0+206.45890	198231.60685	218222.50551	
	207.54210	0+207.54210	198231.99634	218223.51626	
	208.07120	0+208.07120	198232.18658	218224.00997	
	218.51430	0+218.51430	198235.94157	218233.75464	
	220.00000	0+220.00000	198236.47578	218235.14097	
	225.59100	0+225.59100	198238.48611	218240.35804	
	229.94560	0+229.94560	198240.05188	218244.42140	
	240.00000	0+240.00000	198243.66710	218253.80336	
	241.89460	0+241.89460	198244.34834	218255.57125	

·-·					
	246.02650	0+246.02650	198245.83403	218259.42681	
	251.65640	0+251.65640	198247.85835	218264.68018	
	260.00000	0+260.00000	198250.85843	218272.46575	
	265,27490	0+265.27490	198252.75511	218277.38786	
	266.46200	0+266.46200	198253.18195	218278.49557	
BC	267.57730	0+267.57730	198253.58297	218279.53628	68° 55′ 35.16″
	274.50930	0+274.50930	198255.88732	218286.07304	72° 14′ 10.40″
	280.00000	0+280.00000	198257.44231	218291.33845	74° 51′ 28.22″
	286.66010	0+286.66010	198259.00278	218297.81228	78° 2′ 16.09″
	299.34130	0+299.34130	198260.97138	218310.33377	84° 5′ 33.46″
	300.00000	0+300.00000	198261.03737	218310.98916	84° 24′ 25.68″
	306.69610	0+306.69610	198261.50374	218317.66813	87° 36′ 15.43"
	314.45090	0+314.45090	198261.57741	218325.42123	91° 18′ 24.95″
	320.00000	0+320.00000	198261.32265	218330.96398	93° 57′ 23.15″
	327.14600	0+327.14600	198260.61768	218338.07406	97° 22′ 6.22″
	331.25380	0+331.25380	198260.02124	218342.13813	99° 19′ 47.01″
	339.94790	0+339.94790	198258.30237	218350.65868	103° 28′ 51.0 <b>7</b> ″
· · · · · ·	340.00000	0+340.00000	198258.29022	218350.70934	103° 30′ 20.62″
	343.83590	0+343.83590	198257.33492	218354.42422	105° 20′ 14.05″
EC	346.44712	0+346.44712	198256.61690	218356.93473	106° 35′ 2.41″

# IP5 (좌향)

		O 7 H	I OTI II	Х	198238.37141
구 문	-	원 곡 선	P좌표   	Y	218418.20050
41.01.71	1	106 ° 35 ' 2.41"	이즈샤퀴큐	X	198311.26790
방위각	2	22 ° 41 ' 5.72"	원중심좌표	Y	218383.64042

I A	83 ° 53 56.69"	R	60.00000	DΤ	104.84351
TL	53.92864	S L	20.67402	CL	87.85891
S D	9.99626	SPX	198257.05231	SPY	218409.34392

구분	누가거리	X 좌표	Y 좌표
ВС	356.44339	198253.76376	218366.51517
E C	444.30230	198288 . 12811	218438.99879

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
<del></del>	348.69580	0+348.69580	198255.97509	218359.08987	106 ° 35 ' 2.41"
_	355.11840	0+355.11840	198254 . 14194	218365.24530	
BC	356.44339	0+356.44339	198253.76376	218366.51517	106° 35' 2.41"
	360.00000	0+360.00000	198252.85022	218369.95192	103 * 11   15.67"
	370.26690	0+370.26690	198251 . 37249	218380.09926	93 ° 23 ' 0.67"
	380.00000	0+380.00000	198251.58691	218389.81933	84° 5' 20.73"

	390.38850	0+390.38850	198253.54373	218400.00866	74° 10' 7.70"
	400.00000	0+400.00000	198256.89364	218409.00653	64 * 59 ' 25.80"
	411.36770	0+411.36770	198262.64383	218418.79294	54° 8' 6.53"
	420.00000	0+420.00000	198268 . 18622	218425.40127	45 * 53 ' 30.86"
	437.31580	0+437.31580	198281.85334	218435.93558	29 ° 21 ' 23.53"
	440.00000	0+440.00000	198284.22150	218437 . 19872	26° 47' 35.93"
EC	444.30230	0+444.30230	198288.12811	218438.99879	22 ° 41' 5.72"

## IP6 (좌향)

구분		974	l P좌표	Х	198450.32131
		원 곡 선	1 124#	Y	218506.79554
F1 0171	1	22 ° 41' 5.72"	이즈시되쬬	Х	198481.43569
방위각	2	7 ° 5' 9.74"	원중심좌표	Υ	218389.73973

1 A	15 * 35' 55.98"	R	120.00000	DT	229.72123
TL	16.43676	\$ L	1.12047	CL	32.67023
\$ D	159.35582	SPX	198450.60914	SPY	218505.71268

구분	누가거리	X 좌표	Y 좌표
вс	603.65812	198435 , 15610	218500.45648
E C	636.32835	198466.63253	218508.82317

구 분	누가거리	축점(STA.)	X좌표	Y좌표	방위각
	460.00000	0+460.00000	198302.61143	218445.05282	22° 41′ 5.72″
-	474.51730	0+474.51730	198316.00566	218450.65161	
	480.00000	0+480.00000	198321.06422	218452.76609	
	500.00000	0+500.00000	198339.51701	218460.47935	
<u> </u>	512.35570	0+512.35570	198350.91687	218465.24449	
	520.00000	0+520.00000	198357.96981	218468.19262	
··-	540.00000	0+540.00000	198376.42260	218475.90588	•
	550.19410	0+550.19410	198385.82808	218479.83737	
	560.00000	0+560.00000	198394.87539	218483.61915	
	580,00000	0+580.00000	198413.32818	218491.33242	
	588.03240	0+588.03240	198420.73919	218494.43022	
	600.00000	0+600,00000	198431.78097	218499.04568	
BC	603.65812	0+603.65812	198435.15610	218500.45648	22° 41′ 5.72″
	620.00000	0+620.00000	198450.61568	218505.71441	14° 52′ 56.10″
	631.14390	0+631.14390	198461.50310	218508.07270	9° 33′ 41.15″
EC	636.32835	0+636.32835	198466.63253	218508.82317	7° 5′ 9.74″
	640.00000	0+640.00000	198470.27614	218509.27611	
EP	650.14409	0+650.14409	198480.34275	218510.52748	

#### EP

CD 7177	χ	198480.34275	। सम्बद्धाः	7 * 5' 9.74"
EP 좌표	Υ	218510.52748	8715	7 5 5.74

#### 6.2 종단선형 계산서

#### 6.2.1 본선

#### 가. STA. 0+000~STA.0+210(일반구간,기장방향)

#### BP

구 분	STATION	지반고	계획고	ELEV	절성고
BP	-2-300.0000	162.06	140.38	140.38	-21.68

측점(STA.)	지 반 고	계획고	ELEV	절 성 고	종 거
-2-300.0000	162.06	140.38	140.38	-21.68	0.0000
-2-294.5000	163.19	140.30	140.30	-22.89	0.0000
-2-288.2000	162.76	140.21	140.21	-22.55	0.0000
-2-280.0000	160.00	140.09	140.09	-19.91	0.0000
-2-260.0000	152.08	139.80	139.80	-12.28	0.0000
-2-242.5000	147.35	139.55	139.55	-7.80	0.0000
-2-241.9000	146.75	139.54	139.54	-7.21	0.0000
-2-240.4000	146.55	139.52	139.52	-7.03	0.0000
-2-240,4000	146.05	139.52	139.52	-6.53	0.0000
-2-240.0000	145.95	139.51	139.51	-6.44	0.0000
-2-220.0000	140.54	139.22	139.22	-1.32	0.0000
-2-207,5000	137.55	139.04	139.04	+1.49	0.0000
-2-205.0000	137.55	139.01	139.01	+1.46	0.0000
-2-200.0000	138.03	138.94	138.94	+0.91	0.0000
-2-180.0000	140.10	138.65	138.65	-1.45	0.0000
-2-160.0000	143.34	138.36	138.36	-4.98	0.0000
-2-140.0000	147.79	138.07	138.07	-9.72	0.0000
-2-120.0000	151.07	137.78	137.78	-13.29	0.0000
-2-100.0000	153.23	137.49	137.49	-15.74	0.0000
-2- 80.0000	153.77	137.20	137.20	-16.57	0.0000
-2+ 60.0000	152.35	136.91	136.91	-15.44	0.0000
-2- 52.0000	152.12	136.80	136.80	-15.32	0.0000
-2- 40.0000	148.40	136.62	136.62	-11.78	0.0000
-2- 20.0000	142.25	136.33	136.33	-5.92	0.0000