		MegaDepth							ScanNet								Plansr							IMC PhotoTourism																	
Pipeline	Filtered	Precision	Recall	AUC_{05}^F	AUC_{010}^F	AUC_{020}^F	AUC_2^F	AUC_{05}^{E}	AUCE A	UC_{020}^E At	UC _∠ ^E Filter	ed Precisio	n Recall	AUC ^F ₀₅ AU	CF AUC	F AUC _∠	AUC ^E ₀₅	AUC_{010}^{E}	AUC_{020}^{E}	AUC_{\angle}^{E}	Filtered P	recision R	lecall A	UCH AUCH	AUC_{015}^{H}	AUC ^H I	iltered Preci	ion Recall	AUC ^F ₀₅	UCF AUC	F AUC 2	AUCF OCS.4	$AUC_{0(10,1)}^{F}$	$AUC_{0(20,2)}^F$	AUC ^F A	UCE AUC	E AUCE	20 AUCZ	AUCE AU	$UC_{0(10,1)}^{E}AUC$	$\stackrel{\mathcal{L}}{\sim}_{0(20,2)}^{E}$ AUC $\stackrel{E}{\square}$
	0.00	88 68	90.02	21 50	49.59	64.57	10 22	45.91	62.92	96 61.6	67 0.00	69.04	04.64	661 16	21 20.56	17.51	16.91	22.05	50.44	22.70	0.00	1.27 00	22 41	09 57.07	62.00	69.45	0.00 90.40	00.00	27.50 4	2.05 50.50	42.01	10.47	10.25	20.60 26	114 51	22 68 10	50.61	60.79	20.62	5 20 51	95 99
		89.55	58.25	19.64	21.66	47.60	22.62	20.05	19 21 65	60 47.0	0.00	70.40	51.60	4.26 12	22 24.65	13.75	10.51	24.01	39.35	24.69	54.28	6.67 43	05 22	27 50.24	57.83	46 10 4	275 99.57	57.89	10.50 2	2.90 98.00	24.62	7.07	19.29	22.91 14	05 29	01 57.54	72.56	56.34	12.72 5	25.12 10	38 26.51
		93.99	43.11	22.11	05.00	53.40	200	23.00	52.61 69	.27 51.5	90 61.81	71.00	20.04	5.70 14	75 27.77		11.54				81.57	2.22 19.		04 52.13	59.78		0.59 94.19	43.24	22.61 3	7.50 50.00	20.00	0.45	10.34	00.00	100 40	00.00	74.40	58.37	14.00	65.90 42	
		94.77	36.43	22.11	30.12	51.40	36.41	33.02	52.61 60	01.5	00.00	71.22	35.24	6.10 14.	15 27.60		11.04				86.99		58 35	01 52.15	59.81		5.01 94.84		22.01 3	7.03 00.30	36.02	0.40	10.14	20.30	130 40	20.03	74.43	58.72	14.00	00.00 42.	41 28.04
			50.43	21.86	40.50	61.47	10.00	45.03	63.43	86 61.6	67 0.00	00.04	33.20	0.10 10.	10 27.00	10.31	10.22	33.86	50.44		0.00 7	4.77 00	20 20	98 57.07	09.81	00.14	300 90.60	30.70	23.00	0.05	40.00	0.03	10.17	20.00	30 41	20 00.01	24.22	66.78	20.00	55.29 51.	
		94.36	71.95	37.65	48.03	70.28	54.18	40.31	64.86 78	44 63.4		71.60	65.35	11.80 25.	31 29.35	25.78	17.45	34.53	51.51		63.71	2.23 37.	16 41	118 59.65	05.38	51.93 3	3.51 94.37	71.24	27.00 4	2.90 98.90	43.01	10.47	19.29	30.64 20	.14 01	03 60.40	03.50	00.78	20.62	SS.29 SI.	27 37.28
	45.45	94.50	71.90	31.63	54.61	10.28	04.10	47.03	04.80	.01	44 33.50	71.40	69.39	11.00 25.	21 40.54	23.10	17.40	34.03	01.01	34.49	03.71		24 44	79 80.83	05.71	01.93	5.51 94.31	71.24	30.18	2.07 67.00	31.76	14.67	20.00	35.64 26	1.35 03	.01 60.76	01.00	66.12	21.70	95.51	31.25
		95.24 85.07	83.18	21.37	34.66	49.46	35.16	47.43	64.68	.75 52.7	77 32 10	71.59	55.69	12.18 25.	81 26.25	15.72	17.75	26.50	40.11	26.61	74.53 8 75.86 1	3.28 16.		26 6.14	7.46	8.48 10	130	59.98	36:33	2.28 67.12	51.91	15.16	25.89	38.67 26	137 133	.68 70.20	81.77	58.50	22.11 3	57.03	37.86
		89.75	83.18	21.37	34.66	49.46	35.16	39.77	53.81 68	34 54.4		61.08	64.01	6.06 14.	81 26.25	15.72	13.23							26 6.14	7.46	8.48 n	(a n/a	n/a	n/a n	/a n/a	n/a	n/a	n/a	n/a n/	a n/	a n/a	n/a	n/a	n/a n	1/a 11/s	n/a
		89.75	60.53	26.45	40.86	55.68	41.00	37.60	55.45 70	.34 54.4	46 52.82	62.21	46.48	7.36 17.	28 29.54	18.06	13.34	26.83					86 4. 92 4	60 631	8.16	6.29 n	(a n/a	n/a	n/a n	/a n/a	n/a	n/a	n/a	n/a n)	a n/	a n/a	n/a	n/a	n/a n	1/a 11/s	n/a
	54.02	90.57	50.91	27.23	41.12	56.17	41.50	40.04	57.88 72	.07 56.6	66 89.37	62.39	39.87	8.15 18.	13 30.41	18.89	13.42	27.17		27.14		4.94 3.	92 4.	6.31	7.56	5.60 m	/a n/a	n/a	n/a n	/a n/a	n/a	n/a	n/a	n/a n/	a n/	a n/a	n/a	n/a	n/a n	1/a 11/2	n/a
		89.47	81.49	14.45	26.46	42.21	27.70	31.47	50.34 67	.42 49.7	75 46.48	71.37	51.09	3.28 8.	02 16.54	9.28	8.36	19.71			13.37	5.24 81.	23 42	151 57.38	63.96	61.27 2	5.55 90.51	75.15	14.32 2	5.63 40.83	26.94	4.88	10.34	18.75 11	.32 38	71 57.43	72.43	56.19	13.19 2	25.05 40:	26.16
		93.99	59.50	19.00	32.42	48.80	33.41	34.18	54.20 70	.92 53.1	10 60.81	70.31	39.25	3.52 9.	89 20.45	11.30	7.57	18.84	33.66	20.02	66.23	1.83 34.	40 44	128 58.33	64.05	50.27 4	8.06 94.05	55.50	18.50 3	1.56 47.78	32.60	6.64	13.28	22.72 14	1.21 40	42 59.21	73.85	57.83	13.95 2	26.19 41.	67 27.27
	54.58	94.80	50.03	18.92	32.56	48.97	33.48	35.90	55.23 71	.45 54.1	19 65.79	70.38	34.17	3.35 9.	53 20.20	11.03	8.63	20.20	34.74	21.19	76.18	2.51 23.	64 43	130 57.51	63.62	47.02 9	5.56 94.70	46.96	18.89 3	1.78 47.90	32.87	6.74	13.30	22.75 14	1.26 40	.73 59.47	74.02	58.08	13.91 2	66.23 41.	80 27.31
		89.98	35.96	10.89	21.11	35.33	22.44	19.14	34.76 52	.58 35.4	49 64.09	71.19	35.31	3.10 9.	30 20.23	10.88	8.12	19.04	33.17	20.11	61.77	6.39 36.	15 28.	195 47.23	55.75	42.02 6	3.05 90.79	37.64	12.50 2	4.62 40.55	25.88	4.53	9.68	17.82 10	1.68 27	64 45.75	62.80	45.39	9.24 1	18.68 31.	73 19.88
+ConvMatch+MAGSAC _↑	74.00	92.76	27.93	12.57	24.29	38.48	25.11	20.81	37.05 54	.93 37.6	60 73.27	70.15	27.66	3.48 10.	33 21.70	11.84	8.04	18.67	32.50	19.74	83.57	1.49 17.	.16 30.	061 47.72	56.03	37.88 7	2.57 93.20	29.22	14.26 2	6.87 42.61	27.92	4.95	10.74	19.39 11	.69 29	02 47.52	64.58	47.04	9.79	19.81 33.	16 20.92
	78.18	93.38	23.73	12.59	23.37	37.32	24.43	21.13	38.20 56	40) 38.5	58 76.37	70.20	24.45	3.55 10.	54 21.78	11.95	8.19	19.39	33.20	20.26	88.39	2.09 11.	96 30.	48.40	56.71	36.94	5.82 93.75	24.94	14.37 2	6.85 42.71	27.98	5.08	10.80	19.60 11	.83 29	56 48.03	64.99	47.52	9.99 2	33.	52 21.21
		89.69	36.03	9.75	20.90	35.54	22.06	16.48	32.42 51	.45 33.4	45 67.95	71.35	31.57	1.67 5.	39 12.97	6.68	5.30	14.05	26.74	15.36	67.00	6.28 30		29 45.32	53.88	39.30 6	5.02 90.67	35.56	9.97 2	1.51 37.25	22.92	3.46	8.05	15.64 5	1.05 22	74 40.67	58.59	40.67	7.47 1	15.67 27.	50 16.88
	74.23	92.95	27.62	11.21	22.49	37.37	23.69	19.28	35.60 54	.15 36.3	34 75.65	70.78	25.29	2.07 6.	17 15.17	7.80	5.49	14.64	27.43	15.85	85.90		45 28.	45.96	54.68		1.12 93.35	27.51	11.50 2	3.34 38.87	24.57	4.09	9.12	16.90 10	1.04 24	35 42.80	60.58	42.58	7.99	16.35 28.	71 17.68
		93.63	23.44	11.29	22.79	37.15	23.74	19.11	36.46 55	.51 37.0	03 78.34	70.86	22.47	1.84 6.	02 14.85	7.58	5.75	15.06	28.44		89.96		06 28.	46.62	55.10	35.07 7	8.10 93.87	23.50	11.72 2	3.52 38.96	24.75	4.12	9.02	16.94 10	1.03 24	.66 43.14	61.16	42.99	8.16	16.70 29.	02 17.96
	21.75	96.68	89.40	48.54	63.76	75.61	62.64	50.70	67.68	.22 66.2	20 29.05	72.34	68.78	10.12 21.	36 36.13	22.54	16.71	32.70	48.64		10.93	0.58		162 58.80	65.44	65.54 2	1.98 95.84	82.67		5.22 69.00	54.65	17.60	28.78	41.72 25	1.37 56	.96 72.37	83.04	70.79	24.82 4	10.14 56.	40.47
+FC-GNN+MAGSAC _†		97.16	87.58	51.16	65.22		65.19	50.48	67.53 80	.04 66.0	02 38.07	72.90	62.31	12.52 25.	31 39.81	25.89	16.43	32.72	48.71		35.67		84 43	139 58.50	65.07	59.95 2	7.90 96.47	80.19		9.72 72.85	59.02	20.82	82.81	45.88	174 56	.91 72.41	83.09	70.81	24.56 3	19.89 56.	31 40.26
		97.32	85.79	50.96	65.25		65.12	50.65	68.19 80	.54 66.4	46 41.49	78.02	58.80	12.87 25.	72 40.33	26.31	16.91	33.18	49.19			8.11 61.	40 44.	14 59.22	65.41		1.06 96.62	77.98		0.05 78.13			32.54	45.91 35	56.	.95 72.37	83.02	70.78	24.48 3	29.98 56.	40.32
		85.09	75.11	28.14	43.77		43.61	39.31	55.53 68			68.80	48.55	5.53 13.	95 25.46	14.98	10.33	22.50	37.05		38.01 77	5.89 61.	98 39.	148 54.84	62.08	54.59 2	1.78 88.76	70.83	24.41 3	8.40 53.55	38.78	9.28	17.27	27.90 18	.15 42	.97 50.67	72.57	58.40	16.64 2	29.26 44.	10 30.00
		88.28	54.39	33.05	48.61	62.82	48.16	40.58	56.91 69	.98 55.8	82 63.35	67.33	37.44	6.96 16.	08 28.07	17.03	10.67	23.46	37.70		76.38	1.07 26.	53 41.	.14 55.69	62.42	46.44 5	1.36 91.82	51.96	29.12 4	3.56 58.20	43.63	11.87	20.92	32.14 21	.64 45	.10 61.61	74.02	60.24	17.96 3	31.12 45.	98 31.69
		89.02	45.81	32.69	47.97	62.21	47.62	41.93	58.08 70	.65 56.8		67.45	32.34	6.68 15.	59 27.35	16.54	10.05	22.15	36.79		83.88	1.59 18.		L66 54.93	61.18	43.73	92.44	43.96	29.08 4	3.55 58.27	43.63	11.97	21.00	32.12 21	.69 45	.64 61.95	74.25	60.61	18.78 3	31.84 46.	50 32.40
		94.36	71.95	37.65	54.61	70.28	54.18	47.03	64.86 78	.44 63.4	44 33.86	71.40	65.35	11.80 25.	21 40.34	25.78	17.45	34.53	51.51	34.49	63.71	2.23 37.	16 45	38 59.65	65.71	51.93 3	3.51 94.37	71.24	36.18 5	2.07 67.00	51.76	14.87	25.65	38.64 26	1.38 53	.01 69.76	81.58	68.12	21.78 3	95.81 53.	27 37.28
	45.45	95.24	60.50	38.50	55.39	70.59	54.83	47.43	64.68	.92 63.3	34 43.51	71.59	55.69	12.18 25.	71 40.98	26.29	17.75	34.69	51.12	34.52	74.53	2.84 25.	24 44	1.79 59.83	66.12	49.00 4	1.75 95.11	59.98	36.33 5	2.28 67.12	51.91	15.16	25.89	38.67 26	1.57 53	.68 70.20	81.77	68.55	22.11 3	53.	37.56
		88.79	99.29	31.71	48.32	64.51	48.18	45.95	63.18 76	.83 61.5	99 10.20	68.85	89.20	7.37 17.	44 31.03		17.07	33.48	49.69	33.41	7.89 74	4.92 90.	37 42	162 58.06	65.41	64.11	1.66 89.53		28.41 4	3.90 59.47	43.93	10.82	19.88	31.59 20	1.76 51	.33 68.24	80.46	66.67	20.79 3	55.37 51.	67 35.94
	34.31	94.32	71.63	37.41	54.22	70.17	53.93	47.54	64.87	.11 63.5	51 38.02	71.09	62.97	11.58 24.	68 39.66	25.31	17.00	33.89	50.31	33.73	66.70 83	2.28 37.	23 44.	L56 59.30	65.61	51.67 3	1.13 94.30	70.72	35.52 5	1.37 66.33	51.07	14.60	25.22	37.99 23	i.94 53	.08 60.66	81.36	68.03	21.86 3	95.92 53.	19 37.32
	45.80	95.22	60.16	37.76	54.60	69.86	54.08	47.27	64.76 78	.15 63.3	39 47.39	71.23	53.41	11.98 25.	10 40.25	25.77	16.77	33.39	49.54		77.37	2.87 25.	24 44.	L64 59.66	66.09	48.91 4	5.34 95.02	59.47	35.72 5	1.46 66.38	51.19	14.75	25.40	38.03 26	1.06 53	44 60.89	81.49 /	68.27	22.18 3	95.96 53.	37.48
		88.72	99.74	31.71	48.49	64.65	48.28	45.35	62.75 76			68.77	91.71	7.04 17.	13 30.62		17.09	33.97	50.28		6.98 74	4.83 90.	77 42	161 58.31	65.36	64.26	0.98 89.46		28.05 4	3.44 59.00	43.51	10.66	19.60	31.16 20	1.48 51	.25 68.32	80.54	66.70	20.63 3	55.19 51.	52 35.78
	34.07	94.35	71.87	37.31	54.36	70.11	53.93	47.18	64.70 78	.25 63.3		71.27	64.18	11.52 24.	89 40.01	25.48	17.69	34.63	50.99		66.55	2.24 37.		196 59.54	65.73		3.87 94.34		36.02 5	1.82 66.66	51.50	14.79	25.55		1.28 53	.24 69.77	81.51	68.17	22.09 3	37.08 53.	52 37.56
		95.25	60.39	37.90	54.98	70.32	54.40	47.05	64.54 77	.98 63.1		71.44	54.57	11.93 25.	11 40.37	25.80	17.82	34.79	51.01		77.27		26 44	L63 59.75	66.31		5.09 95.07	59.68	36.07 5	1.93 66.80	51.60	14.97	25.67	38.45 26	1.36 53	.69 70.09		68.47	22.16 3	37.15 53.	61 37.64
		85.90	99.36	20.77	35.00	51.78		82.88	69.78 81			65.80	89.20	5.06 13.	11 25.15		18.26					6.09 97.		15 55.95	63.54		0.98 83.38		15.86 2	8.35 43.23	29.15	5.41	10.91	19.54 11	.95	.05 72.69	83.82	71.02	24.35 3	9.91	40.31
	25.40	96.32	84.95	48.61	64.00	76.54			69.76 81			71.35	61.95	14.32 28.			18.86				38.61 83		.00 43	190 58.93	65.49		3.03 95.46	73.71		6.12 69.58	55.61	18.36	29.56		1.06 56	.93 72.40		70.78	24.25 3	39.66	38 40.10
		96.76	80.53	49.61				51.62	69.22 81	.61 67.4	44.78	71.48	55.94	14.45 28.			19.45	36.32	52.50			8.14 61.	91 44.	58.45	64.94		7.83 95.89	68.90		5.94 70.30	56.35	18.72	29.99	42.81				70.82		10.99 56.	56 40.33
		85.68	98.49	20.33	34.39	51.16	35.29	49.81	67.27 80	.12 65.7	73 10.20	65.79	86.66	5.02 12.			17.62	34.74	51.55			5.81 96.	83 41.	.10 56.23	63.26	64.35	1.66 83.16	92.48	15.38 2	7.27 42.00	28.21	5.35			.80 57.	39 72.69	83.27	71.12	24.80 4	10.06 86.	40.46
	25.98	96.22	84.15	47.18	62.52	75.19	61.63	50.46	67.95	.86 66.4	42 40.63	71.10	60.91	14.01 27.	78 42.14	27.98	18.53	35.08	51.18		38.77	2.77 72	88 44	L80 58.60	64.59	60.22 3	3.41 95.30	73.25	40.32 5	5.03 68.33	54.56	18.13	29.10	41.73 25	1.65 56	.76 72.12	82.80	70.56	24.27 3	9.81 56.	44 40.17
	30.42	96.62	79.65	48.03	63.24	75.60	62.29	50.80	68.35 81	.18 66.7	78 46.41	71.28	55.08		42.11	27.88	18.58	35.44	51.53		47.89	3.06 62.	19 44	31 59.32	65.67	57.87 3	8.13 95.72	68.52	41.05 5	5.79 68.97	55.27	18.58	29.71	42.34 30	1.21 56	.65 72.05	82.76	70.49	24.46 3	9.87 56.	30 40.21
		90.02	29.50	18.64	32.51	49.50	33.55	17.64	33.93 52	.47 34.6	68 62.08	71.06		4.42 11.			7.32	17.54				6.71 28.	04 30.	184 47.23	55.08	40.29 6	0.75 90.97	30.59	16.46 2	9.52 45.24	30.41	5.75	11.99	20.99 12	.91 25	.08 41.97	58.82	41.96	7.96 1	16.39 28.	40 17.58
		94.31	22.24	17.97	31.03	47.90	32.30	20.78	37.94 56	.79 38.5	50 72.38	72.00	26.74	4.68 12:	28 23.82		6.85	17.51			84.72	1.98 13.	03 32	48.12	55.55	37.29 7	7.93 94.10	23.49	17.37 3	0.14 45.19	30.90	6.10	12.39	21.24 13	26	74 43.95	60.98	43.89	8.85 1	7.52 29.	85 18.74
	82.92		18.94	17.12	30.69	47.38	31.73	22.14	40.11 58	.64 40.3	30 75.29	71.97	23.64	4.66 12.	41 23.77	13.61	7.45	17.84	31.01	18.77	88.47		93 32	.74 48.69	56.19	36.64 8	1.15 94.68	20.27	17.32 3	0.12 45.30	30.92	6.11	12.29	21.07 13	.16 27	50 45.16	62.10	44.92	9.10 1	18.18 30.	85 19.38
	0.00	77.98	87.58	17.80	31.18	48.13	32.37	42.28	58.29 71	.65 57.4	41 0.00	64.93	91.23	4.70 11:	93 23.83	13.49	17.12	34.54	51.04			0.92 72	54 36.	173 52.92	60.51	55.68	0.00 76.48	84.44	13.55 2	5.11 39.85	26.17	4.51	9.58	17.56 10	1.55 46	.53 62.53	75.11	61.39	18.71 3	32.03 47.	32.68
	38.44	92.71	66.61	38.49	52.24	65.04	51.92	42.64	59.52 73	.46 58.5	54 40.60	71.18	59.11	12.71 26.	06 40.75	26.51	17.32	34.22	50.79	34.11	67.28	1.69 33.	69 40.	157 55.82	62.58	48.16 4	5.90 92.32	57.01	30.89 4	4.77 58.81	44.82	13.10	22.28	33.23 25	.87 47	66 63.28	75.54	62.16	19.38 3	32.88 48.	16 33.47
		93.20	60.59	38.72	52.66	65.50	52.29	43.31	60.10 73	.79 59.0	07 47.19	71.31	52.58	12.60 25.	65 40.42	26.22	18.08	34.15	50.33		74.87		32 40.	.71 56.20	63.17	46.35 3	2.25 92.87	50.79	31.27 4	5.22 59.00	45.18	13.14	22.37	33.48 23	1.00 47	55 63.18	75.48	62.07	19.57 3	32.88 48.	09 33.51
		89.49	83.97	14.31	26.19	41.78	27.43	32.18	51.59 68	.59 50.7	79 41.91	71.05	55.77	3.50 9.	03 18.47	10.33	9.65	21.65	35.98	22.43	12.10 77	5.30 82	96 43.	L53 57.90	64.50	62.22 2	1.88 90.58	78.93	15.39 2	7.00 42.33	28.26	5.15	10.98	19.61 11	.91 39	35 57.99	72.76	56.70	13.70 2	25.67 40.	78 26.72
+NCMNet+MAGSAC _↑		93.89	61.29	19.93	33.24	49.62	34.26	35.42	54.44 70	.67 53.5	51 57.43	70.06	42.81	4.94 12.	21 23.40	13.52	9.69	21.95	36.23	22.62	65.96	1.51 34.	70 44	169 58.31	64.21	50.48 4	6.62 94.08	58.17	19.52 3	2.65 48.81	33.66	7.03	13.80	23.32 14	1.72 41	.06 59.61	74.07	58.25	14.30 2	65.55 41.	91 27.58
	53.25	94.70	51.54	20.12	33.55	49.63	34.43	35.79	55.33 71	.11 54.0	08 63.07	70.13	37.09	4.27 11.	59 23.13	13.00	9.41	22.00	37.12	22.84	76.23 83	2.15 23	58 45	58.47	64.19	47.81 5	1.56 94.74	49.20	19.45 3	2.79 48.96	33.73	7.09	13.79	23.33 14	1.74 41	42 59.91	74.39	58.57	14.25 2	65.66 42.	31 27.74
	90.17	90.66	10.17	3.82	8.96	18.37	10.38	6.39	14.68 29	.72 16.5	93 88.31	70.07	10.96	0.99 3.	11 8.46	4.19	1.75	6.12	13.95	7.28	88.66 77	5.27 9.	23 17.	.10 33.35	42.24	25.48	91.05	10.30	4.18 1	0.20 20.86	11.75	1.54	3.97	8.62 4	1.71 10	32 21.97	37.85	23.38	3.21	7.79 15.	58 8.86
	92.08	91.54	8.43	3.57	8.17	17.52	9.75	6.28	15.57 30	.61 17.4	49 91.78	62.88	8.21	0.71 2.	73 7.65	3.70	2.01	6.07	13.82	7.30	94.45	9.91 4.	75 17.	31 33.53	43.24	24.71	LSO 91.72	8.50	3.95	9.93 20.42	11.43	1.41	3.84	8.38 4	1.55 10	.61 22.65	38.89	24.05	3.31	8.04 16.	16 9.17
+OANet+MAGSAC ₁	93.02		7.48	3.55	8.39	17.44	9.79	6.42	15.44 31				7.71	0.84 2.	82 7.91	3.85	2.36	6.47	13.96		95.73			34 33.68			92.00	7.58	4.03	9.82 20.33	11.39	1.47	3.84	8.36 4	1.56 11	.08 23.27	39.54	24.63	3.63	8.51 16.	55 9.56
			1.80	0.99	0.00		0110			A Fac	-				1.04	0.00	2.00					-		33.90			34.00	1.90	B1000	20.00	11.00	2.711	0.07								