

PIPE SCALE DETAILS

JOB: CRIPPLEGATE EAST ORGAN

PITCH: A 440 @ 20°C

DEPARTMENT: Great Organ

DATE: 22nd June 2006 (Revised)

TUNING METHOD: Cone & Slot

PRESSURE: 75mm

MANDER ORGANS

INITIALS: JPM

TEMPERAMENT: Kellner

No	Stop Name	Pitch	Pipes	Mat	Ears	MW	C ¹	C ¹³	C ²⁵	C ³⁷	C ⁴⁹	A ⁵⁸	Remarks
1	Open Diapason	8	58	75%	Small 1-36	4	150	92	55	32	19	14	Front pipes 1- 29 1-30 common to Pedal Principal
2	Stopped Diapason	8	58	Tulip			107x85	67x 53.5	42.5x 33.5	26.5x 21	17x 13.5	12x9.5	
3	Principal	4	58	56%	1-24 (small)	4	89	53	32	19	12	8	
4	Fifteenth	2	58	56%	1-12 (small)	4	52	31	19	11.5	7.5	5	
5	Mixture IV 1-8: 1 ¹ / ₃ .1 ² / ₃ . ¹ / ₂ 9-18: 2.1 ¹ / ₃ .1 ² / ₃ 19-30: 2 ² / ₃ .2.1 ¹ / ₃ .1 31-42: 4.2 ² / ₃ .2.1 ¹ / ₃ 43-58: 8.4.2 ² / ₃ .2	1 1/3	232	56%	none	4	(2' 45)	1' 28.5	¹ / ₂ ' 18	¹ / ₄ ' 11.5	¹ / ₈ ' 7	¹ / ₁₆ ' 4.5	
6	Trumpet	8	58	56%			110	85	65	50	39	31	Domed Shallots, scale No.13

DEPARTMENT: Swell Organ**PRESSURE: 75mm****JOB: Cripplegate East**

No	Stop Name	Pitch	Pipes	Mat	Ears	MW	C ¹	C ¹³	C ²⁵	C ³⁷	C ⁴⁹	A ⁵⁸	Remarks
7a	Gedackt Basses	8	1-12	Tulip			107x85 B=70x 55.5						Mounted outside swell box speaking into it.
7b	Gedackt	8	13-58	35%	13-42	4		70	46	30	20	15	Domed canisters, 51-58 open upper Ø half scale
8	Principal	4	58	56%	1-24 (small)	4	87	52	31	19.5	12	7	
9	Chimney Flute	4	58	35%	1-42	4	67	44	29	19	12.5	10	13-36 internal chimneys ¹ / ₅ Ø length 1.5 x Ø. Domed canisters. 37-56 upper Ø ¹ / ₂ scale
10	Recorder	2	58	35%	1-18	4.5	55	34	20	11.5	7	5	1-24 tapered 1:2, becoming parallel by c49
11	Sesquialtera II 1-58: 2 ² / ₃ .1 ³ / ₅	2 2/3	116	56%	To 1'	4	2 ² / ₃ ' 54 2' 44	1'=27	¹ / ₂ '=17	¹ / ₄ '=10.5	¹ / ₈ '=7	¹ / ₁₆ '=4.5	
12	Oboe	8	8	56%			70 B = 52	66	51	40	33	29	French, no flaps. Domed shallots scale no. 13. 1-12 Bassoon basses

DEPARTMENT: Pedal Organ**PRESSURE: 75mm****JOB: Cripplegate East**

No	Stop Name	Pitch	Pipes	Mat	Ears	MW	C ¹	C ¹³	C ²⁵	F ³⁰	Remarks
13	Bourdon	16	30	Tulip			198 x 163	125 x 103	79 x 65	65 x 54	
14	Principal	8	0								Transmission from Great
15	Trumpet	8	0								Transmission from Great