

PIPE SCALE DETAILS

MANDER ORGANS

JOB: PRUMC Gallery Organ – Final

DEPARTMENT: Grand Orgue

DATE: 20/11/2007

INITIALS: MB

PRESSURE: 80

PITCH: A = 440 20°C

TUNING: slot/cone

TEMPERAMENT:ET

No	Stop Name	Pitc h	Pipe s	Mat	Ears	MW	C1	C13	C25	C37	C49	C61	Remarks
1	Bourdon	16	61	Poplar	-	-	120x150	75.5x95	47.5x60	30x37.5	19x24	12x15	MO Scale 32
2	Montre	8	61	75%	None	4	145	92	59	38	24	15	ACC Prog "6"
3	Flûte à cheminée	8	61	35%	1-42	4	110	72	46	29	19	12.5	Domed tops. 13-56 Internal chimis; 1/5 ø. Length 1.5 ø. trebs parallel
4	Gamba (e)	8	61	56%	1-48	4	103	62	37	23	13	7.5	Parallel. ACC Prog "7 1/2"
5	Prestant	4	61	56%	None	4	90	55	34	22	13	8	ACC Prog "7"
6	Cor de nuit	4	61	35%	1-30	2/9	78	52	35	23	14	9	Domed Canisters, 44- 61 open parallel
7	Octavin	2	61	56%	None	4	51	32	20	12	8	5	ACC Prog "6"
8	Cornet III	2 ² / ₃	111	35%	None	4.5	(1' 38)	1/2' 25	1/4' 17	1/8' 11	1/16' 6		
9	Fourniture IV 1-17: 1 ¹ / ₃ .1. ² / ₃ . ¹ / ₃ 18-29: 2.1 ¹ / ₃ .1. ² / ₃ 30-41: 2 ² / ₃ .2.1 ¹ / ₃ .1 42-56: 4.2 ² / ₃ .2.1 ¹ / ₃ 57-61: 8. 4.2 ² / ₃ .2	1 ¹ / ₃	244	56%	None	4	2' 46	1' 29	¹ / ₂ 18	¹ / ₄ 11.5	¹ / ₈ 7	¹ / ₁₆ 4.5	ACC Prog "6 1/2" Dom Bedos compo
10	Trompette	8	61	56%			125	99	79	63	50	G56=44	ACC Prog "2 1/2" Flues as Montre
11	Cromorne	8	61	56%			50	45	40	36	33	G56=30	ACC Prog "1 1/2" Flues as Gambe Open Canisters 1-36
12	Clairon	4	61	56%			99	79	63	50	G44=44		Flues as Montre

DEPARTMENT: Récit Expressif**PRESSURE: 80?**

No	Stop Name	Pitch	Pipes	Mat	Ears	MW	C1	C13	C25	C37	C49	C61	Remarks
13	Salicional	8	61	56%	1-48	4	116	70	42	26	16	9.5	ACC Prog "7 1/2"
14	Céleste (t.c.)	8	49	56%	13-48	4		68	40	24.5	15	8.5	
15	Bourdon	8	61	56%	1-42	4	120	78	52	35	23	14	ACC Prog "5" Domed Canisters
16	Principal	4	61	56%	None	4	90	55	34	22	13	8	ACC standard
17	Flûte à fuseau	4	61	35%	1-30	4.5	87	58 (f18:50)	(F#19:53 /35) 42.5/28	28.5/19	19/12.5	12.5/8. 5	1-18 stopped (domed) 19-61 tapered
18	Nazard	2 ² / ₃	61	35%	1-18	4.5	70.5	45	28.5	18	10.5	7	Open Parallel
19	Doublette	2	61	56%	None	4	50	31	19	11	7.5	5	-ii-
20	Quarte de nazard	2	61	35%	1-12	4.5	58	37	23.5	15	9.5	6	-ii-
21	Tierce	1 ³ / ₅	61	35%	1-8	4.5	50.5	32	20	13	8	5.5	55-61 breaks to 3 ¹ / ₅
22	Mixture IV 1-12: 1. ² / ₃ . ¹ / ₂ . ¹ / ₃ 13-24: 1 ¹ / ₃ .1. ² / ₃ . ¹ / ₂ 25-36: 2.1 ¹ / ₃ .1. ² / ₃ 37-48: 2 ² / ₃ .2.1 ¹ / ₃ .1 49-61: 4.2 ² / ₃ .2.1 ¹ / ₃	1	244	56%	None	4	1 ¹ / ₃ 36	1' 28	¹ / ₂ 17	¹ / ₄ 10.5	¹ / ₈ 6.5	¹ / ₁₆ 4.5	Based on Isnard mixture at St Maximin
23	Basson	16	61	56%			112	89	71	56	44	35	ACC Prog "2 1/2"
24	Trompette	8	61	56%			118	94	75	59	48	G=39	Trebs as GO montre
25	Hautbois	8	61	56%			80	61 b=47	60	48	36	G=30	Scale ACC Poligny Trebs as Sal

DEPARTMENT: Pédale

PRESSURE: 90

No	Stop Name	Pitch	Pipes	Mat	Ears	MW	C1	C13	C25	G32	Remarks
26	Montre	16	32	75%	None	4	260	152	90	64	ACC Prog "6 1/2"
27	Bourdon	16	32	Poplar			198x 163	125x 103	79x65	60x50	MO No.15
28	Quinte	10 ² / ₃	32	56%	None	4	170	108	70	48	Soldered-in mouths 1-18 Open
29	Principal	8	32	56%	None	4	150	89	53	39	Soldered-in mouths 1-12 ACC Prog "6"
30	Flûte	8	32	35%	1-32	4	122	82	53	40	Soldered-in mouths 1-12 Domed Canisters
31	Octave	4	32	56%	None	4	86	52	32	23	Open
32	Bombarde	16	32	56%			177	125	88	73	ACC Prog "4"
33	Trompette	8	32	56%			140	106	81	68	ACC Prog "3"
34	Chalumeau	4	32	56%			59	42	35	34	ACC Prog "1,813" Large scale "Clarinette" open canisters 1-32