

*Jim Whelan Boardwalk Hall
Atlantic City, NJ*

1932 Midmer-Losh VII/449

PEDAL RIGHT / GRAND GREAT - RIGHT STAGE CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
1	32'	Tibia Clausa	20"	97
2	16'	Diaphone Phonon	50"	39
3	16'	Tibia Major	30"	85
4	16'	Principal	30"	109
5	8'	Contra Viol	30"	85
6	12 4/5'	Gross Tierce	20"	68
7	9 2/7'	Septieme	20"	
8	32'	Contra Bombardon	40"	85
9	16'	Grand Ophicleide	100"	85
10	16'	Trumpet	20"	85
17	64'	Dulzian Diaphone	35"	85

PEDAL LEFT / GRAND CHOIR - LEFT STAGE CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
11	32'	Contra Diaphone	50"	85
12	32'	Contra Diapason	20"	97
13	16'	Diaphonic Diapason	32"	85
14	16'	Bass Viol	20"	85
15	16'	Tibia Clausa	20"	85
16		Stentor Sesquialtera VII	20"	224
18	32'	Contra Bombard	50"	85
19	32'	Contra Fagotto	20"	85
20	16'	Major Posaune	50"	44
320	16'	Major Diapason	20"	32

GREAT - RIGHT STAGE CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
21	32'	Principal	20"	127
22	16'	Double Diapason I	20"	97
23	16'	Double Diapason II	15"	73
24	16'	Double Diapason III	10"	73
25	10 2/3'	Sub Quint	15"	73
26	8'	Diapason I	30"	73
27	8'	Diapason II	30"	73
28	8'	Diapason III	20"	73
29	8'	Diapason IV	15"	73
30	8'	Diapason V	15"	73
31	8'	Diapason VI	15"	73
32	8'	Diapason VII	10"	73
33	8'	Diapason VIII	10"	73
34	8'	Diapason IX	10"	73

GREAT (CONT.) - RIGHT STAGE CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
35	8'	Diapason X	4"	73
36	5 1/3'	Quint	20"	73
37	4'	Octave I	20"	73
38	4'	Octave II	20"	73
39	4'	Octave III	15"	73
40	4'	Octave IV	10"	73
41	4'	Octave V	10"	73
42	3 1/5'	Gross Tierce	15"	73
43	2 2/3'	Major Twelfth	20"	73
44	2'	Fifteenth I	20"	73
45	2'	Fifteenth II	15"	73
46	2'	Fifteenth III	10"	73
47		Rausch Quint II	30"	146
48		Rausch Quint II	30"	146
49		Grand Cornet XI	20"	803
50		Major Sesquialtera V	20"	365
51		Schulze V	4"	365
52		Furniture VI	15"	414
53	8'	Harmonic Flute	15"	73
54	8'	Flute Overt	4"	73
55	4'	Harmonic Flute	15"	73
56	16'	Trumpet	30"	73
57	8'	Harmonic Trumpet	30"	73
58	4'	Harmonic Clarion	30"	73

SOLO - RIGHT STAGE CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
59	16'	Major Flute	20"	85
60	8'	Tibia Rex	30"	61
61	8'	Hohlfute	20"	61
62	8'	Flute Overt	20"	61
63	4'	Wald Flute	30"	61
65	2'	Harmonic Piccolo	20"	61
66	8'	Cello Pomposa	20"	61
67	8'	Cello Celeste	20"	61
68	8'	Violin	20"	61
69	8'	Violin Celeste	20"	61
70	4'	Viola Pomposa	20"	61
71	8'	Stentor Diapason	30"	61
72	4'	Stentor Octave	30"	61
73	16'	Tuba Magna	50"	85

SOLO (CONT.)- RIGHT STAGE CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
74	16'	Trumpet Profunda	30"	85
75	8'	Tuba Imperial	100"	61
76	8'	Trumpet Royal	30"	61
77	8'	English Post Horn	30"	61
78	8'	Bugle	50"	61
104	8'	French Horn	20"	61
79		Grand Chorus IX	30"	549
79	8'	Diapason	30"	
79	8'	Octave	30"	
80		Carillon IV	30"	244

SOLO - GREAT - ORGAN TONE - RIGHT STAGE CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
81	16'	Wald Flute	15"	97
82	16'	Geigen Principal	15"	97
83	16'	Tibia Clausa	15"	97
84	8'	Diapason Phonon	15"	73
85	8'	Horn Diapason	15"	85
86	8'	Dopple Gedeckt	15"	73
87	8'	Gemshorn	15"	97
88	8'	Gemshorn Celeste	15"	97
89	8'	Viola d'Gamba	15"	73
90	8'	Viol Celeste	15"	73
91	6 2/5'	Gemshorn Terz	15"	97
92	5 1/3'	Gemshorn Quint	15"	97
93	4 4/7'	Gemshorn Septieme	15"	85
94		Xylophone	15"	49 bars

SOLO - GREAT - ORCHESTRAL - RIGHT STAGE CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
95	16'	Oboe Horn	15"	97
96	16'	Saxophone	15"	97
97	16'	English Horn	15"	97
98	16'	French Horn	15"	97
99	16'	Vox Baryton	15"	97
100	16'	Krummhorn	15"	97
101	8'	Clarinet	15"	85
102	8'	Orchestral Saxophone	15"	85
103	8'	Orchestral Oboe	15"	85
105	8'	Vox Humana	15"	85
106	8'	Kinura	15"	73
64	2 2/3'	Flute Twelfth	15"	73
107		Harp	15"	61 bars
108		Chimes	15"	37 tubes

BRASS CHORUS - RIGHT FORWARD CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
109	16'	<i>Trombone</i>	25"	73
110	8'	<i>Trombone I</i>	25"	73
111	8'	<i>Trombone II</i>	25"	73
112	5 1/3'	<i>Tromba Quint</i>	20"	73
113	4'	<i>Trombone</i>	25"	73
114	2 2/3'	<i>Trombone Twelfth</i>	20"	73
115	2'	<i>Trombone</i>	25"	73
116		<i>Tierce Mixture III</i>	20"	219

SWELL - CHOIR - LEFT STAGE CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
147	16'	Gross Dopp Gedackt	15"	97
148	16'	Cone Gamba	15"	97
311	16'	Stopped Diapason	10"	104
149	8'	Clarabella	15"	97
150	8'	Dopp Spitz Flute	10"	97
151	4'	Zauber Flute	15"	97
152	8'	Gemshorn	15"	97
153	8'	Gemshorn Celeste I	15"	97
154	8'	Gemshorn Celeste II	15"	97
155	6 1/5'	Third	10"	73
156	5 1/3'	Fifth	10"	73
157	4 4/7'	Seventh	10"	73
158	3 5/9'	Ninth	10"	73
159	2 20/11'	Eleventh	10"	73
160	16'	Contra Oboe	15"	85
161	16'	Bass Clarinet	15"	97
162	16'	Vox Humana	15"	97
163		Marimba		61
164		Glockenspiel		49

CHOIR (CONT.) - LEFT FORWARD CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
185	8'	<i>Gemshorn Celeste</i>	10"	73
186	8'	<i>Viola Pomposa</i>	10"	73
187	8'	<i>Viola Celeste</i>	10"	73
310	8'	<i>Voix Celeste II</i>	10"	134
309	4'	<i>Fugara</i>	10"	73
188	16'	<i>Contra Tromba</i>	25"	97
189	8'	<i>Tromba Real</i>	25"	73
190	8'	<i>Brass Cornet</i>	25"	73
191	8'	<i>French Horn</i>	10"	73
192	8'	<i>Clarinet</i>	10"	73
193	8'	<i>Basset Horn</i>	10"	73
194	8'	<i>Cor Anglais</i>	10"	73
195	8'	<i>Kinura</i>	10"	73
196		<i>Acuta VI</i>	10"	438

SWELL - LEFT STAGE CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
117	16'	Double Diapason	15"	104
118	8'	Diapason I	15"	80
119	8'	Diapason II	15"	80
120	8'	Waldhorn	15"	80
121	4'	Octave	15"	80
122	2'	Fifteenth	15"	80
123		Furniture V	15"	400
124	8'	Tibia Plena	15"	80
125	8'	Hohl Flute	15"	80
126	8'	Gross Gedackt	15"	80
127	8'	Harmonic Flute	15"	80
312	8'	Harmonic Flute Celeste	15"	80
128	4'	Ocarina	15"	80
129	4'	Traverse Flute	15"	80
313	4'	Silver Flute	15"	80
130	2'	Orchestral Piccolo	15"	80
131	16'	Contra Gamba	15"	104
132	8'	Violin	15"	80
133	8'	Violin Celeste I - 2 rks	15"	134
134	8'	Violin Celeste II - 2 rks	15"	134
135	8'	Gamba	15"	80
136	8'	Gamba Celeste	15"	80
137	4'	Gambette	15"	80
138	16'	Double Trumpet	30"	104
139	8'	Harmonic Trumpet	30"	80
140	8'	Field Trumpet	30"	80
141	4'	Trumpet Clarion	30"	80
142	16'	Double Horn	15"	104
143	8'	Posaune	15"	80
144	8'	Corno pean	15"	80
145	8'	Flugel Horn	15"	80
314	8'	Muted Trumpet	15"	80
315	8'	Krummhorn	15"	80
316	8'	Vox Humana	15"	80
146		Plein Jeu VII	15"	560
317		Cymbal VIII	15"	640

UNENCLOSED CHOIR - LEFT STAGE CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
165	16'	Quintaton	3 3/4"	73
166	8'	Diapason	3 3/4"	73
167	8'	Holz Flute	3 3/4"	73
168	4'	Octave	3 3/4"	73
169	2'	Fifteenth	3 3/4"	73
170		Rausch Quint IV	3 3/4"	292

CHOIR - LEFT FORWARD CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
171	16'	<i>Double Dulciana</i>	10"	85
172	8'	<i>Diapason I</i>	10"	73
173	8'	<i>Diapason II</i>	10"	73
174	8'	<i>Dulciana Celeste</i>	10"	73
175	4'	<i>Dolce</i>	10"	85
176	16'	<i>Melodia</i>	10"	109
177	8'	<i>Philomela</i>	10"	73
178	8'	<i>Concert Flute</i>	10"	73
179	8'	<i>Unda Maris</i>	10"	73
308	8'	<i>Nachthorn</i>	10"	73
180	4'	<i>Spindle Flute</i>	10"	73
181	4'	<i>Flute Overte</i>	10"	73
182	2'	<i>Flageolet</i>	10"	73
183		<i>Flute Mixture III</i>	10"	219
184	8'	<i>Gemshorn</i>	10"	73

FANFARE - LEFT CEILING CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
197	16'	<i>Major Flute</i>	25"	85
198	8'	<i>Stentor Flute</i>	35"	61
199	8'	<i>Stentorphone</i>	25"	61
200	8'	<i>Pileata Magna</i>	25"	61
201	4'	<i>Flute Octavante</i>	25"	61
202	2 2/3'	<i>Recorder Twelfth</i>	25"	61
203	2'	<i>Fife Fifteenth</i>	25"	61
204		<i>Cymbal V</i>	25"	305
304	8'	<i>Gamba Tuba</i>	25"	61
305	8'	<i>Gamba Tuba Celeste</i>	25"	61
306	4'	<i>Gamba Clarion</i>	25"	61
307		<i>Harmonic Mixture VI</i>	25"	366
299	32'	<i>Contra Trombone</i>	35"	97
205	16'	<i>Contra Posaune</i>	50"	85
206	16'	<i>Contra Bombardon</i>	35"	97
207	8'	<i>Harmonic Tuba</i>	50"	73
208	8'	<i>Ophicleide</i>	50"	61
209	10 2/3'	<i>Tromba Quint</i>	25"	85
210	6 2/5'	<i>Tromba Tierce</i>	25"	73
211	4'	<i>Major Clarion</i>	50"	61
212		<i>Stentor Mixture VI</i>	35"	61
212	8'	<i>Stentor Diapason</i>	35"	
212	4'	<i>Stentor Octave</i>	35"	

ECHO - RIGHT CEILING CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
298	32'	<i>Violone</i>	25"	97
213	16'	<i>Gamba</i>	15"	85
214	16'	<i>Spitz Flute</i>	15"	109
215	8'	<i>Diapason</i>	15"	61
216	8'	<i>Spitz Flute</i>	15"	61
217	8'	<i>Flute Celeste I</i>	15"	61
218	8'	<i>Flute Celeste II</i>	15"	77
219	8'	<i>Waldhorn</i>	15"	61
220	16'	<i>Clarabella</i>	15"	97
221	8'	<i>Tibia Mollis</i>	15"	61
222	8'	<i>Flute Sylvestre</i>	15"	61
223	8'	<i>Flute Celeste</i>	15"	61
319	8'	<i>Violone Celeste</i>	25"	61
224	4'	<i>Robr Flute</i>	15"	61
225		<i>Mixture Aetheria VI</i>	15"	366
226	16'	<i>Bassoon</i>	15"	85
227	16'	<i>Clarinet</i>	15"	85
228	8'	<i>Trumpet Minor</i>	15"	61
308	8'	<i>Vox Humana I</i>	15"	61
229	8'	<i>Cor d'Amour</i>	15"	61
230	16'	<i>Vox Humana II</i>	15"	85
231	16'	<i>Tuba d'Amour</i>	25"	85
232		<i>Chimes</i>		25

GALLERY I - RIGHT CENTER CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
233	16'	<i>Diaphone</i>	25"	85
318		<i>Mixture Mirabilis VII</i>	25"	511
318	8'	<i>Diapason</i>	25"	
318	4'	<i>Octave</i>	25"	
234	8'	<i>Tuba Maxima</i>	100"	73
235	16'	<i>Trumpet Mirabilis</i>	100"	85

GALLERY II - RIGHT CENTER CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
242	16'	<i>Flauto Maggiore</i>	25"	97
243	8'	<i>Jubal Flute</i>	25"	73
244	8'	<i>Harmonic Flute</i>	25"	73
245	4'	<i>Harmonic Flute</i>	25"	73
246	2 2/3'	<i>Harmonic Twelfth</i>	25"	73
247	2'	<i>Harmonic Piccolo</i>	25"	73
248		<i>Harmonic Mixture</i>	25"	183

GALLERY III - LEFT CENTER CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
236	16'	<i>Contra Diapason</i>	20"	97
237	8'	<i>Diapason I</i>	20"	73
238	8'	<i>Diapason II</i>	20"	73
239	4'	<i>Octave</i>	20"	73
240	2'	<i>Fifteenth</i>	20"	73
241		<i>Mixture IV</i>	20"	292

GALLERY IV - LEFT CENTER CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
249	16'	<i>Saxophone</i>	25"	85
250	8'	<i>Major Oboe</i>	25"	73
251	8'	<i>Musette Mirabilis</i>	25"	73
252	8'	<i>Cor d'Orchestre</i>	25"	73
253	8'	<i>Major Clarinet</i>	25"	73
300	8'	<i>Brass Trumpet</i>	25"	73
301	8'	<i>Euphone</i>	25"	73
302	8'	<i>Egyptian Horn</i>	25"	73

STRING I - LEFT STAGE CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
254	16'	<i>Contra Basso</i>	25"	97
255	8'	<i>Cello</i>	25"	73
256	8'	<i>Cello Celeste I - 2 rks</i>	25"	146
257	8'	<i>Cello Celeste II - 2 rks</i>	25"	134
258	8'	<i>Violins I - 2 rks</i>	25"	146
259	8'	<i>Violins II - 2 rks</i>	25"	134
260	8'	<i>Violins III - 2 rks</i>	25"	146
261	8'	<i>Violins IV - II</i>	25"	134
262	8'	<i>Violins Secundo I - 2 rks</i>	25"	146
263	8'	<i>Violins Secundo II - 2 rks</i>	25"	134
264	4'	<i>Violins Secundo - 2 rks</i>	25"	146

STRING II - RIGHT FORWARD CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
265	16'	<i>Double Bass</i>	15"	97
266	16'	<i>Contra Bass</i>	15"	97
267	16'	<i>Contra Viol</i>	15"	97
268	8'	<i>Viola Diapason</i>	15"	73
269	8'	<i>Violin Cello</i>	15"	73
270	8'	<i>Cello Phonon</i>	15"	73
271	8'	<i>Cello</i>	15"	73
272	8'	<i>Cello Celeste - 2 rks</i>	15"	146
273	8'	<i>Viola Phonon</i>	15"	73
274	8'	<i>Viola Celeste - 2 rks</i>	15"	134
275	8'	<i>Violin Phonon</i>	15"	73
276	8'	<i>Violin</i>	15"	73
277	8'	<i>Viol Celeste I - 2 rks</i>	15"	146

STRING II (CONT.) - RIGHT FORWARD CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
278	8'	<i>Viol Celeste II - 2 rks</i>	15"	134
279	8'	<i>Viol Celeste III - 2 rks</i>	15"	134
280	8'	<i>Viol Celeste IV - 2 rks</i>	15"	134
281	8'	<i>Viol Celeste V - 2 rks</i>	15"	134
282	4'	<i>Violin - 2 rks</i>	15"	146
283	4'	<i>Violas - 2 rks</i>	15"	146
284	4'	<i>Viol Principal</i>	15"	73
285		<i>String Mixture V</i>	15"	305
286	8'	<i>Tromba d'Amour 8</i>	15"	73
287	5 1/3'	<i>Quint Flute</i>	15"	78
288	2 2/3'	<i>Flute Twelfth</i>	15"	73

STRING III - LEFT CEILING CHAMBER				
Voice #	Pitch	Rank Name	W.P.	Pipes
289	8'	<i>Cello Celeste I - 2 rks</i>	15"	146
290	8'	<i>Cello Celeste II - 2 rks</i>	15"	146
291	8'	<i>Cello Celeste III - 2 rks</i>	15"	146
292	8'	<i>Viol Celeste I - 2 rks</i>	15"	146
293	8'	<i>Viol Celeste II - 2 rks</i>	15"	134
294	8'	<i>Viol Celeste III - 2 rks</i>	15"	146
295	8'	<i>Viol Celeste IV - 2 rks</i>	15"	134
296	8'	<i>Viol Celeste V - 2 rks</i>	15"	146
297	8'	<i>Cor Anglais</i>	15"	73

PERCUSSIONS	
A.	Grand Piano
B.	Contra Bass Brum
C.	Bass Drum
D.	Bass Drum
E.	Snare Drum
F.	Snare Drum
G.	Snare Drum
H.	Cymbal
I.	Chinese Gong
J.	Persian Cymbal
K.	Persian Cymbal
L.	Tambours
M.	Castanets
N.	Triangle
O.	Wood Block
P.	Tom Tom