

Hilbus Chapter

The Organ Historical Society, Inc.

Where the Tracker Action Is!

www.hilbus.org



Volume 50 Number 3

November 2019

Whole, Number 451

published monthly except for July and December

FIVE ORGANS IN SOUTHERN PRINCE GEORGES COUNTY

SATURDAY NOVEMBER 23, 2019

arranged by Paul Birckner

St. Mary's Catholic Church,

13401 Piscataway Road, Clinton Md. 20735

Please use rear parking lot on south side of the new Church.

10 - 11:50 AM

St. Mary's Chapel (the old Church)

C.E. Morey opus 179 (1902)

Wigton Pipe Organs Opus 38R (2017) 2 manuals, 10 ranks, mechanical action

Please use rear parking lot on south side of the new Church.

11 - 11:45

New Church

Gress-Miles Organ Company (1989)

2 manuals and pedal, 30 ranks, electro-mechanical action

LUNCH

12:00 - 1:45

**Lunch at Mama Stella's Ristorante Italiano,
7918 Old Branch Avenue, Clinton, Maryland 20735**

Chairman: Peter Crisafulli, 37 Big Acre Square, Gaithersburg, MD 20878	(301) 977-2370
Vice-Chairman: Charles English, 2910 Moores Road, Baldwin, MD 21013	(410) 557-7990
Secretary-Treasurer: Carolyn Lamb Booth, 9200 LaBelle Lane, Gaithersburg, MD 20879	(301) 869-6271
Editor: Carl Schwartz, 12802 Ruxton Road, Silver Spring, MD	(301)-221-4815
Editor-Advisor: Carolyn Fix, 166 Battle Street, Vienna, VA 22180	(703) 281-5046

Articles and news may be submitted to the Editor electronically: ruxtoncar@icloud.com

2-2:45 PM

Hope Lutheran Church

6201 Coventry Way, Clinton, Md. 20735

Hinners Organ Company, Opus 3297 (c. 1910)

1 manual and pedal, 6 ranks, mechanical action

2:45 PM

Home of Barbara and Paul Birckner,

6606 Farmer Dr., Fort Washington, Md. 20744

Detlev Kleuker (1972), 1 manual and pedal, 10 ranks, mechanical action

E. F. Walker (c. 1970), 2 manuals and pedal, 9 ranks.

DIRECTIONS

From Virginia: Beltway I 95 - Cross Wilson Bridge. Exit at 3A Indian Head Highway South (Md. 210). Drive 6 mi. Turn left onto Livingston Road. Drive 2.5 mi. Turn left onto Piscataway Road at light. Drive 0.8 mi to church on the left. Park in lot on south side of the new church.

From eastern side of the beltway: Take exit 7A (Md.5/Waldorf). Drive 4.3 mi. Take exit to Woodyard Rd./ Clinton, bear right. (Woodyard Rd. gets a name change when it crosses Old Branch Ave. At that point it is called Piscataway Rd.) Drive 6.7 mi. St. Mary's is on the right. Park and go into the old Church.

To Mama Stella's restaurant at 7918 Old Branch Ave., Clinton. Turn left out of St. Mary's. Drive 6 mi. Take a left at the light on to Old Branch Avenue. Drive 1 mi. Restaurant will be on your right.

To Hope Lutheran: Turn right from the restaurant. Drive to light. Turn left onto Coventry Way. Church is on the left.

To the Birckner home: Turn right from church. At the light turn left and drive 0.3 mi. Turn left at light onto Kerby Road. At the end of Kerby Road turn right onto Temple Hill Road. Drive 1.1 mi. Go through the light and take first left onto Farmer Dr. Drive 0.3 mi. to 6606 on right. Look for half circle in front. Park in half circle or on garage side of house.

DUES RENEWAL

It is time to renew your chapter membership by paying Annual Dues. Send a check for \$14 to our treasurer Carolyn Booth, 9200 LaBelle Lane, Gaithersburg, MD 20879. Include any address changes or other changes to contact information. Carolyn writes:

Please do not forget to donate a minimum of \$10.00 or more towards the Biggs Fellows program run by the Organ Historical Society. Last year we raised \$1725.00 and were able to support one of the chosen fellows. We have leftover money which will go towards the donation to the OHS Convention which will be in Columbus, Ohio July 26th-31st. Thank you for your support and whatever you are able to give to this outstanding program.

OCTOBER CRAWL REVIEW by Carl Schwartz

The Sunday October 27, 2019 crawl was an atypical format for chapter events. After our 2018 visit to organs in Hanover, Pennsylvania was cancelled due to weather related issues affecting organs there it was decided that the best way to take in what is the eighth largest pipe organ in the world was to hear it in concert. In all about thirty chapter members and friends made the trip to hear a spectacular program presented by Simon Johnson, organist of St. Paul's Cathedral, London, UK at St. Matthew's Lutheran Church, 30 West Chestnut Street, Hanover, Pennsylvania. Johnson played a smashing good program:

Fantasia and Fugue in G, Op. 188 Sir Charles Hubert Hastings Parry (1848-1918)

from the Orgelbuuchlein/Orgelbuchlein Project:

Liebster Jesu BWV 633 J. S. Bach (1685-1750)

Nun ruhen alle Wälder Jacques van Oortmerssen (1950-2016)

Fantasia and Fugue in G minor (BWV 542) - Bach

from the Orgelbuuchlein/Orgelbuchlein Project:

Wohl dem der in Gottes furcht steht Simon Johnson (b. 1975)

Wer nur den lieben Gott lässt walten (BWV 642) - Bach

Fantasia and Toccata in D minor Charles Villiers Stanford (1852-1925)

INTERVAL

Marche Héroïque A. Herbert Brewer (1865-1924)

Andante Sostenuto *from* Symphonie Gothique Charles-Marie Widor (1844-1937)

Prélude et Fugue sur le nome d'Alain Maurice Duruflé (1902-1986)

Elegy George Thalben-Ball (1896-1987)

Orb and Scepter William Walton (1902-1983), arr. William McKie (1901-1984)

Johnson showcased many of the tonal possibilities found in this instrument and the writer, admittedly a representative for Austin, the builder, is enchanted by the contrasted and lovely softer

and mezzo voices that abound. The new chorus work is splendid and credit for this goes to Michael Fazio, President and Tonal Director of Austin and the highly skilled voicing/finishing staff. Ben Boellner, part of the Austin team, did an admirable job over a period of two weeks preparing the organ for the program.

The rank count of Austin Organ Co./Austin Organ's Inc. Opus 1215 (1925-present) stands at 238 according to the church. The factory says 240. The curator suggests there may be 247 ranks total, perhaps a factor of how mixture ranks are counted. No matter, there are plenty. One could still add an unenclosed Positiv division which would have many uses, a not entirely tongue-in-cheek comment. This is an American organ, not English, nor French, nor German, but sui genesis, a comprehensive and lavish Orchestral instrument. As Herbert Springer, long time organist of the church insisted, in spite of its size, it is a liturgical instrument to accompany the services of the Church to the Glory of God.

Excerpts (images) from the Church's brochure follow. The full brochure can be found on the Church's website. Additional photos of the organ, taken by Gordon Biscomb are on the Chapter Facebook Page. Our thanks to Scott Fredericks, the Music Director and Organist for his warm hospitality to Hilbus Chapter. Thanks to Frances and Amanda Becker for suggesting a post-concert dinner venue enjoyed by many who attended.

The St. Matthew Organ

St. Matthew Lutheran congregation has had a continuous history since its organization on April 14, 1743. The present church edifice was completed in 1924, and is the fifth structure in which the congregation has worshiped during its long, continuous history. The organ for this fifth church was conceived and planned by J. Herbert Springer, organist of the church and given by Mrs. Clara Glatfelter Moul. The original instrument had a scope of 87 speaking stops, and nearly 5,000 pipes, and was constructed by the Austin Organ Company of Hartford, Connecticut. It was dedicated on January 13, 1925. The divisions of the organ were placed in chambers on both sides of the chancel, and on both sides of the gallery.

In 1929, brighter mixtures were added to the Great and Swell divisions; there were additional reeds, and many ranks of soft flutes and strings. The Echo organ was increased from 10 to 21 ranks. In all, about 2,800 pipes were added. A new console was necessary at that time. While this work was in progress, the solution for a long-time problem was found. The Solo organ of 6 ranks had been placed, because of lack of space, in a chamber above the rear gallery, away from the main organ in the front of the nave. It was discovered that above the ceiling of the chancel was an unused loft where an ideal Solo chamber could be built. Mrs. Moul was again enthusiastic in her cooperation. A grill ceiling was built over the chancel, a large organ chamber constructed, the Solo Organ

moved and increased to 31 ranks. In this chamber were also placed the new Pedal Bombardes, the Contra Bourdon, and a Pedal Mixture of five ranks. Another new chamber was built above the roof of the church to house a new String organ of 18 ranks, with tonal egress through the grills of the chancel ceiling. In the old Solo chamber above the gallery, a new Celestial organ of 18 ranks was installed. These additions totaled about 5,000 pipes. The organ was rededicated on December 1, 1931.

By this time, the fine old German organ music of the seventeenth and eighteenth centuries was being re-discovered, appreciated and played. This intricate polyphonic music sounded well only on an organ of bright clear tone. The need was felt for still more brilliance in the higher pitched ranks of the organ. In 1934, the Great Diapason chorus, new mixtures in both Great and Swell organs, and a brilliant new trumpet for the Swell were installed and artistically finished in the church.

Several decades passed without further change to the instrument, although there remained a bequest from the original donor for the completion of Mr. Springer's plans. In 1959 it became possible to proceed with this final stage, i.e., a proper, independent Pedal division. This involved the construction of a new chamber behind the Swell Organ which would be comprised of 14 ranks. The pedal organ would speak through the swell openings. This new section was completed and dedicated in 1964.

During this intervening period from 1934, the renaissance in organ building in America continued to gain momentum, and so it was decided that further tonal changes in other sections of the organ would be essential for compatibility with the new Pedal division. Therefore in the Choir Organ, 18 ranks were replaced by new pipes to provide some Baroque registers and to create a foil to the Great: in the Great Organ, the mixtures were reworked and augmented and three new ranks of flutes were added; in the Swell Organ, strings were replaced and revoiced, selected reeds were revoiced; in the Solo Organ the old Tuba Magna was replaced by a grand Trompette Royale on 20-inch pressure. Other minor changes were made in other divisions. To accommodate extensive additions and alterations, the console required factory rebuilding. Since 1964 a few special ranks have been added, along with a Cymbelstern of 4 bells. Also the tower belltones have been made playable from the console. Wind is supplied by four blowers which have a total of 37 horse power. The main blower is located in the basement. The remaining three are located in the bell tower above the Echo chamber supplying pressures varying from 7" to 20." Key Current is supplied by an Orgelectra 50-amp rectifier.

During the late 1990's, the organ was increasingly experiencing issues with worn leather, large pipes collapsing under their weight, air leaks in the

chests, wiring issues with the cotton covered wiring from the 1920's. The console was wearing out and could not be trusted. It was discovered there were several leaks in the church roof where water seeped into the pipe chambers, allowing plaster and the chests to get wet. Plaster fell into the pipes and caused damage and dead notes to pipes in both the front organ and the balcony chambers. The Ministers of Music began to explore emergency repairs and what would be involved in a full renovation.

In 2006, an Organ Committee was formed to investigate the condition of the instrument. The committee received a number of proposals and complete evaluations of the organ. Austin Organs, Inc. from Hartford, CT, the original builder of our organ, was selected to build a new console and perform the needed renovations to the instrument. In 2009, the congregation voted to move forward with the \$1.3 million project. The organ would be made solid state; modern technology would be incorporated in the console; all wiring would be replaced; many pipes would be removed for cleaning and voicing; all leather would be replaced; the pipe chamber walls would be replaced; new lighting and electric outlets would be placed in the chambers, the balcony Antiphonal and Gallery Pedal organ would be enhanced; and several digital stops by Walker would be added to balance divisions properly where pipes could not be added. The carillon system was modernized by Maas-Rowe Carillons and incorporated into the new console. The organ renovation was funded by a leadership gift of over one million dollars with the remaining costs covered by the fine support of our congregation and community.

In 2016, Austin Organs determined additional funding was needed to complete the project. Church Council voted in September to add up to \$250,000 to complete the renovation. The additional funding was donated by our leadership benefactor. The renovation was completed in October. The organ was rededicated on October 23, 2016. Over the years, it has been enlarged to the extent that it ranks among the ten largest pipe organs in the world.

An Organ Fund has been created to assist with regular maintenance and tuning of this remarkable organ. Donations, memorial and honorarium contributions to the Fund are welcome as we seek to keep this musical treasure in excellent working order for both the current and future generations of worshippers and music lovers.

This instrument was built and dedicated that its music might resound to the Glory of God and to the uplifting of God's people in worship. It was also the desire of the donors and the earnest hope of the designers-organists that its beautiful and glorious tones might give inspiration and pleasure to many beyond the membership of the St. Matthew congregation.



AUSTIN 1215 SPECIFICATIONS

Great Organ

Manual II 7" Wind Pressure

	Pipes		Pipes		
16'	Double Diapason	61	2'	Waldflöte	61
16'	Bourdon	85	1 3/5'	Seventeenth	61
8'	First Diapason	61		Mixture IV-VI	
8'	Second Diapason	61		12-15-19-22	330
8'	Harmonic Flute	61		Furniture V	
8'	Clarabella	61		15-19-22-26-29	305
8'	Stopped Flute (<i>Bourdon</i>)			Scharf IV 22-26-29-33	244
8'	Violon Cello	61	16'	Double Trumpet	73
8'	Gemshorn	61	8'	Trumpet (16')	
8'	Gemshorn Celeste	61	8'	Tromba	73
5 1/3'	Quint	61	4'	Clarion (<i>Tromba</i>)	
4'	Principal	61	8'	Orchestral Horn (<i>Solo</i>)	
4'	Octave	61	8'	Trompette Royale (<i>Solo</i>)	
4'	Flute Ouverte	61		Trompette Royale Melody	
4'	Lieblichflöte (<i>Bourdon</i>)			Piano (D)	
3 1/5'	Tenth	61		Great to Great 16	
2 2/3'	Twelfth	61		Great Unison Off	
2'	Superoctave	61		Great to Great 4	

Swell Organ

Manual III 7" Wind Pressure

	Pipes		Pipes		
16'	Lieblich Gedeckt	73	2 2/3'	Rohr Nasat	
16'	Double Dulciana	97		(<i>Inverted Chimney</i>)	61
16'	Contra Geigen	73	2'	Fifteenth	61
8'	Rohrflöte		2'	Piccolo	61
	(<i>Inverted Chimney</i>)	73	1 3/5'	Tierce	61
8'	Zartflöte	73	1 1/3'	Larigot	61
8'	Holzgedeckt	73		Plein Jeu	
8'	Harmonic Flute	73		12-15-19-22-26	305
8'	Diapason	73		Sesquialtera V	
8'	Flute Celeste IIR	134		12-15-17-19-22	305
8'	Quintadena	73		Acuta III-IV	
8'	Violin	73		24-26-29	220
8'	Viole Celeste	73	16'	Contra Fagotto	73
8'	Viole de Gambe	73	16'	Heckelphone	73
8'	Salicional	73	8'	English Horn	73
8'	Voix Seraphique IIR	134	8'	Harmonic Trumpet	73
8'	Viole Celeste IIR	73	8'	Oboe	73
8'	Dulciana (16')		8'	Cornopean	73
8'	Dulciana Celeste	73	8'	Vox Humana	61
4'	Principal	73	8'	Trompette Royale (<i>Solo</i>)	
4'	Flauto Traverso	73	4'	Hautbois Octavante	61
4'	Octave	73	4'	Clarion	73
4'	Chimney Flute	73		Swell to Swell 16	
4'	Dulcet (16')			Swell to Swell 4	
4'	Dulcet Celeste (8')			Swell Unison Off	
4'	Violina	73		Tremulan	

Choir Organ

Manual I 7" Wind Pressure

	Pipes		Pipes
16'	Flute Conique	85	Plein Jeu IV
16'	Contra Viola	73	15-19-22-26
8'	Geigen Principal	73	Zimbel III 36-40-43
8'	Viola de Gambe	73	16' Baryton
8'	Quintaten	73	8' Clarinet
8'	Chimney Flute	73	8' Oboe d'Amoure
8'	Flute Conique (16')		8' Trompette
8'	Flute Celeste	61	8' Regal
8'	Dulciana	73	8' Vox Humana
8'	Unda Maris	49	8' Orchestral Horn (<i>Solo</i>)
4'	Principal	73	8' Trompette Royale
4'	Viola d'Amoure	61	(<i>Solo</i>)
4'	Flute d'Amour	73	4' Rohr Schalmey
4'	Waldflöte	73	Harp (Deagan) 61 Bars
2 2/3'	Nasard	61	Tremulant
2'	Blockflöte	61	Choir To Choir 16
1 3/5'	Tierce	61	Choir Unison Off
1 1/3'	Larigot	61	Choir To Choir 4
1'	Sifflöte	61	Manual Transfer

Solo Organ

Manual IV 10" Wind Pressure

	Pipes		Pipes
16'	Bourdon	73	16' Bass Clarinet
8'	Diapason	73	8' Trompette Militaire
8'	Grossflöte	73	8' Trompette Royale
8'	Doppelflöte	73	(20' wind pressure)
8'	Orchestral Flute	73	8' Tuba Sonora
8'	Dulzflöte	73	8' Trombone (16')
8'	Gamba	73	8' Orchestral Horn
8'	Gamba Celeste	73	(20" wind pressure)
8'	Violoncello	73	8' French Horn
8'	Violoncello Celeste	73	8' Corno di Bassetto
4'	Octave	73	8' Bassoon
4'	Flute Ouverte	73	8' Orchestral Oboe
4'	Zauberflöte	73	8' Harmonic Trumpet
2 2/3'	Harmonic Stopped 12 th	61	(<i>Swell</i>)
2'	Piccolo	61	4' Clarion
	Terzian II 17-19	122	Concert Harp (D)
	Fourniture IV		Tremulant
	12-15-19-22	244	Solo To Solo 16
16'	Bass Trombone	85	Solo Unison Off
			Solo To Solo 4

String Organ

10" Wind Pressure

	Pipes		Pipes		
16'	Double Violes IIR	122	Cornet de Violes III		
8'	Violes d'Orchestre IIR	122	10-12-15	183	
8'	Violes d'Orchestre IIR	122	8'	Vox Humana	61
8'	Violins IIR	122	Zimbelstern (Klann) 4 Bells		
8'	Violas d'Amoure IIR	122	On Solo		
8'	Violes Sourdine IIR	122	On Swell		
4'	Octave Viols IIR	122	On Great		
4'	Viola d'Amore	61	On Choir		

Celestial Organ

7" Wind Pressure

	Pipes		Pipes		
16'	Contra Salicional	61	16'	1st Vox Humana	73
8'	Diapason	61	8'	1st Vox Humana	
8'	Hohlflöte	61	8'	2nd Vox Humana	73
8'	1st Unda Maris IIR	122	4'	2nd Vox Humana	
8'	2nd Unda Maris IIR	122	Celestial Harp (D)		
8'	Aeoline	61	Chimes (Mayland)		
8'	Voix Celeste IIR	122	<i>25 Tubes</i>		
4'	Octave	61	Tremulant		
4'	Harmonic Flute	61	On Solo		
4'	Flauto Mistico IIR	122	On Swell		
	Rauschquint II 12-15	122	On Great		
8'	Tromba	61	On Choir		

Antiphonal Organ

Wind Pressure 7"

	Pipes		Pipes		
16'	Bourdon	1-12(D) 49	Mixture IV		
8'	Principal	61	19-22-26-29	244	
8'	Melodia	61	Mounted Cornet V	150	
8'	Gemshorn	61	1-8ve-12-15-17		
8'	Gedeckt	61	16'	Double Trumpet (ext.)	12
8'	Flauto Dolcissimo	61	16'	Waldhorn (ext.)	12
8'	Flute Celeste	49	8'	Trumpet	61
8'	Viola da Gamba	61	8'	Corno d'Amore	
8'	Viole Aetheria	61	(Waldhorn 16')		61
8'	Vox Angelica	49	8'	Voce Bassetto	61
4'	Octave	61	Tremulant		
4'	Fernflöte	61	On Solo		
4'	Dulcet	61	On Swell		
4'	Dulcet Celeste	61	On Great		
2'	Fifteenth	61	On Choir		

Pedal Organ

Pipes		Pipes	
32'	Open Wood (D)	8'	Viole Celeste IIR (<i>Swell</i>)
32'	Principal (D)	8'	Dulciana (<i>Swell</i>)
32'	Sanft Bass (D)	5 1/3'	Twelfth 32
32'	Contra Bourdon	4'	Flute (<i>Choir</i>) (D)
	<i>(Solo ext.)</i>	4'	Super Octave (<i>Great</i>)
16'	Contra Bass 32	4'	Choral Bass 32
16'	Diapason (<i>Great</i>)	4'	Nachthorn 32
16'	Contra Geigen (<i>Swell</i>)	2'	Blockflöte 32
16'	Violone Bass (<i>Choir</i>) (D)	2'	Kleine Octave 32
16'	Soubasse (<i>Choir</i>) (D)		Grand Cornet V
16'	Bourdon (<i>Great</i>)		12-15-17-19-22 160
16'	Stopped Flute (<i>Choir</i>) (D)		Cymbale IV
16'	Lieblich Gedeckt (<i>Swell</i>)		22-26-29-33 128
16'	Violone 44	32'	Contra Bombarde (D)
16'	String Celeste IIR (<i>String</i>)	16'	Bombarde (<i>Solo</i>)
16'	Viola (<i>Choir</i>)	16'	Trombone (<i>Great</i>)
16'	Flute Conique (<i>Choir</i>)	16'	Fagotto (<i>Swell</i>)
16'	Dulciana (<i>Swell</i>)	16'	Baryton (<i>Choir</i>)
10 2/3'	Quint 32	8'	Bombarde (16')
8'	Principal 32	8'	Trombone (<i>Great</i>)
8'	Octave	8'	Bassoon (<i>Solo</i>)
	<i>(Great Double Diapason)</i>	4'	Clarion
8'	Gedeckt (<i>Swell</i>) 32		<i>(Swell Harmonic</i>
8'	Violoncello (<i>Violone 16'</i>)		<i>Trumpet)</i>
8'	Bass Flute (<i>Choir</i>) (D)	4'	Rohr Schalmei (<i>Choir</i>)
8'	Flute Conique (<i>Choir</i>)	4'	Trompette (<i>Choir</i>)
			Chimes (D)

Gallery Pedal

Pipes		Pipes	
32'	Contra Bourdon (D)	8'	Violone (D)
16'	Open Diapason (D)	8'	Viola da Gamba
16'	Bourdon (<i>Antiphonal</i>)		<i>(Antiphonal)</i>
16'	Subbass 32	4'	Choral Bass (<i>Principal</i>) 12
16'	Violone (D)	4'	Fern Flute (<i>Antiphonal</i>)
16'	Viola da Gamba	16'	Double Trumpet
	<i>(Antiphonal ext.)</i>		<i>(Antiphonal)</i>
16'	Salicional (<i>Celestial</i>)	16'	Waldhorn (<i>Antiphonal</i>)
8'	Principal 32	8'	Trumpet (<i>Antiphonal</i>)
8'	Octave Bourdon	4'	Clarion (<i>Antiphonal</i>)
	<i>(Subbass 16')</i>		Chimes

Bells/Percussion

Glockenspiel (<i>Solo</i>) (D) (All bells are Maas-Rowe)	8' Pedal Bourdon Bell (13 Notes)
Celeste Bells (37 Notes)	8' Pedal Flemish Bells (13 Notes)
Harp Bells (37 Notes)	1' Whistle – Toe Piston
4' Minor Bells (37 Notes)	Bass Drum (D) Toe Piston
Major Bells (37 Notes)	Cymbal (D) Toe Piston
Symphonic Carillon (37 Notes)	Pedal Grand Timpani (<i>Solo</i>)
Flemish Bells (37 Notes)	Pedal Minor Timpani (<i>Solo</i>)
On Solo	Bells Inside
On Swell	Bells Outside
On Great	Front Speaker
On Choir	Back Speaker
Great Melody	Key Selector
16' Pedal Bourdon Bell (13 Notes)	

MIDI/Expression

Midi on Solo I	Celestial Shades on Swell Shoe
Midi on Solo II	Celestial Shades on Choir Shoe
Midi on Swell I	Antiphonal Shades on Solo Shoe
Midi on Swell II	Antiphonal Shades on Choir Shoe
Midi on Great I	String Shades on Solo Shoe
Midi on Great II	String Shades on Swell Shoe
Midi on Choir I	String Shades on Choir Shoe
Midi on Choir II	All Shades on Swell Shoe
Midi on Pedal I	Solo Speakers Of
Midi on Pedal II	
Swell Chancel Shades Closed –controls tone openings	
Swell Nave Shades Closed- controls tone openings	
Great/Choir Chancel Shades Closed-controls tone openings	
Great/Choir Nave Shades Closed- controls one openings	

Console Appointments

Total pipes in organ, 14,470; Ranks, 238; Speaking stops (includes Percussions), 269; Digital Stops, 22; Couplers, 50; Drawknobs on console, 335;
Manual Disposition: I Choir; II Great;
III Swell; IV Solo; Celestial, Antiphonal, String, Bells/Percussion are floating divisions assignable to any manual

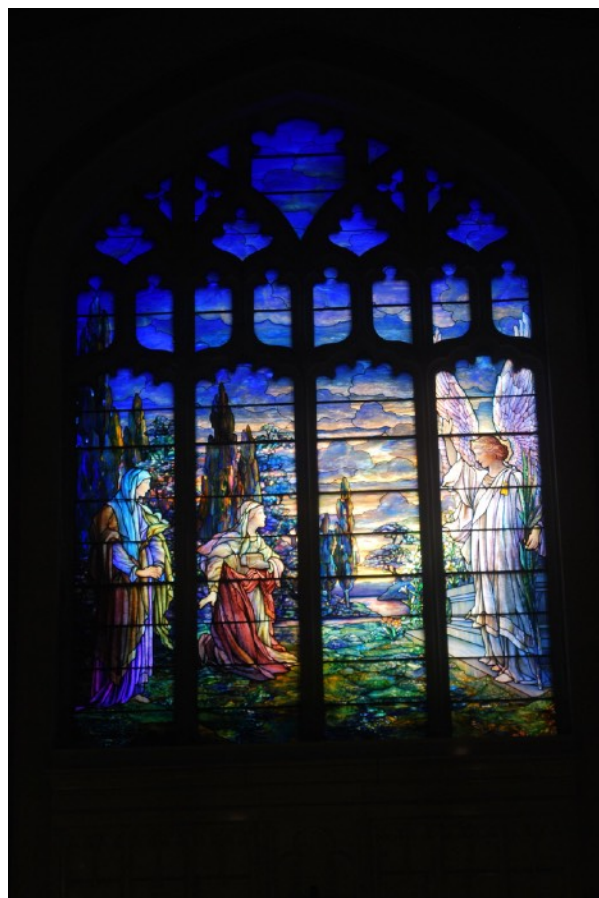
Virtuoso Pipe Organ Control System
Unlimited Users
30 Levels of Memory per User

Pistons

15 Adjustable general pistons
6 Adjustable pistons controlling stops of Solo
6 Adjustable pistons controlling stops of Swell
6 Adjustable pistons controlling stops of Great
6 Adjustable pistons controlling stops of Choir
4 Adjustable pistons controlling stops of Celestial
4 Adjustable pistons controlling stops of Antiphonal
6 Adjustable pistons controlling stops of Pedal
4 Adjustable pistons on controlling stops of Antiphonal Pedal
3 Adjustable pistons controlling stops of String
3 Adjustable pistons controlling stops of Percussion
Transposer on Solo left key-cheek
Zimbelstern on Swell left key-cheek
Pedal Bell Bourdon on Great left key-cheek
Set

SFORZ on left Choir key-cheek
General Cancel
Memory + on right Swell key-cheek
Memory – on right Swell key-cheek
All Swells to Swell
Previous on Manual and Toe Piston
Next on Manual and Toe Piston
Cancel Tablets above each division

Indicators for all balanced pedals
Balanced Antiphonal and String Pedal
Balanced Celestial and Solo Pedal
Balanced Swell and Master Swell Pedal
Balanced Choir and Great Pedal
Balanced Crescendo Pedal



Console Appointments (continued)

Couplers

Great to Pedal 8 & 4
Swell to Pedal 8 & 4
Choir to Pedal 8 & 4
Solo to Pedal 8 & 4
Antiphonal to Pedal 8
String to Pedal 8
Celestial to Pedal 8
Percussion to Pedal 8

Swell to Great 16, 8, 4
Choir to Great 16, 8, 4
Solo to Great 16, 8, 4
Great Trompette Royale Melody
Swell to Choir 16, 8, 4
Choir to Swell 8
Solo to Choir 8 & 4
Great to Choir 8
Great to Solo 8
Swell to Solo 8
Choir to Solo 8
Solo to Swell 8

Bells/Percussion

On Solo
On Swell
On Great
On Choir
Great Bell Melody

Strings Organ

On Solo
On Swell
On Great

On Choir

Antiphonal Organ

On Solo
On Swell
On Great
On Choir

Celestial Organ

On Solo
On Swell
On Great
On Choir

Toe Pistons

Generals 1-12
Pedal 1-6
Great to Pedal reversible
Choir to Pedal reversible
Swell to Pedal reversible
Solo to Pedal reversible
String to Pedal reversible
Antiphonal to Pedal reversible
Previous
Next
SFORZ reversible
32' Bombarde reversible
32' Open Wood reversible
32' Bourdon reversible
Bass Drum (D)
Cymbal (D)
Timpani (D)
Slide Whistle 1' reversible
Sustain for Piano

