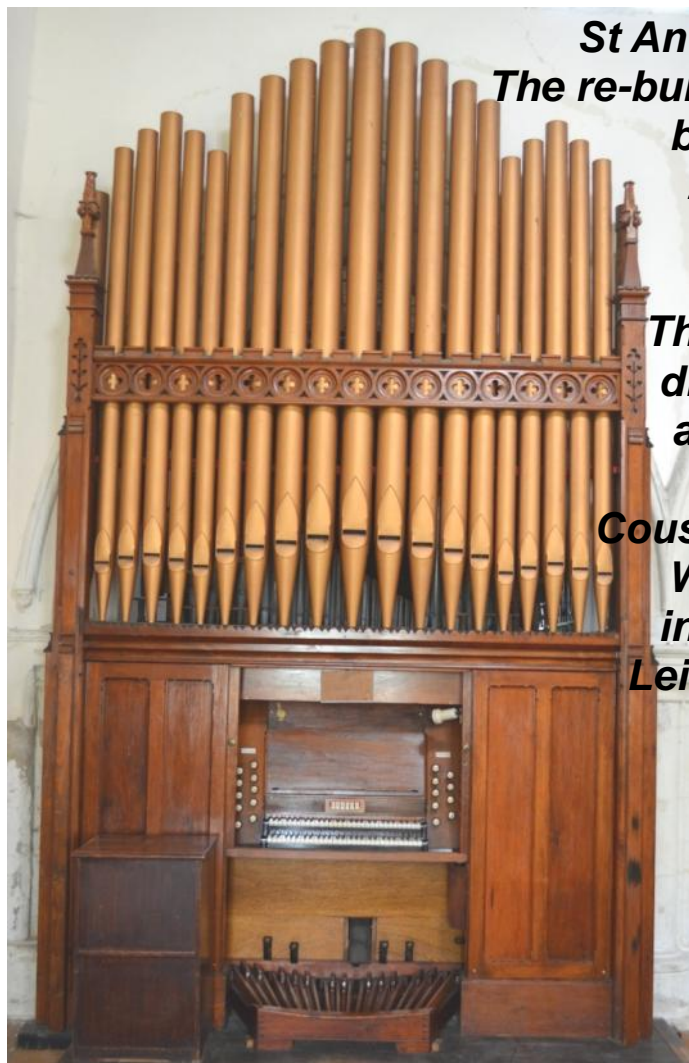


**St Andrew's Orwell**  
**The re-building of the organ**  
**beginning**  
**23<sup>rd</sup> July**  
**2024**



**The organ is**  
**dismantled**  
**and taken**  
**to the**  
**Cousan's Organs**  
**Workshop**  
**in Coalville**  
**Leicestershire**







The Swell (left)  
and Great (right)  
pipe racks  
after removal  
of the pipes

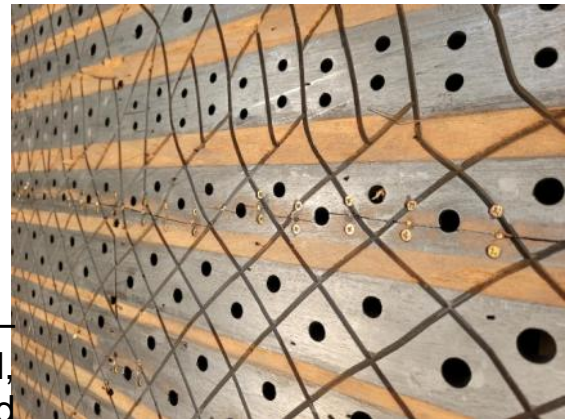


7th Aug 2024

**In the workshop of Cousans Organ Builders, Coalville,  
Leicestershire**



Under the Table—  
old pallets removed  
from the Great  
Soundboard grid



The top of the Table—  
splits screwed,  
pegged and glued



New Pallet board  
fitted on to the grid  
with a sample Pallet



Woodworm  
infested section  
cut out to be  
renewed





11th Sept 2024  
The Swell Soundboard with new Bottom Board, Pallet Board and Pallet Guide Pegs with the old Upper Boards and Pipe Rack placed on top.



A stack of new Pallets ready to be fitted in the Soundboards



The organ frame and part of the case being assembled with new Keyboards and Pedalboard.



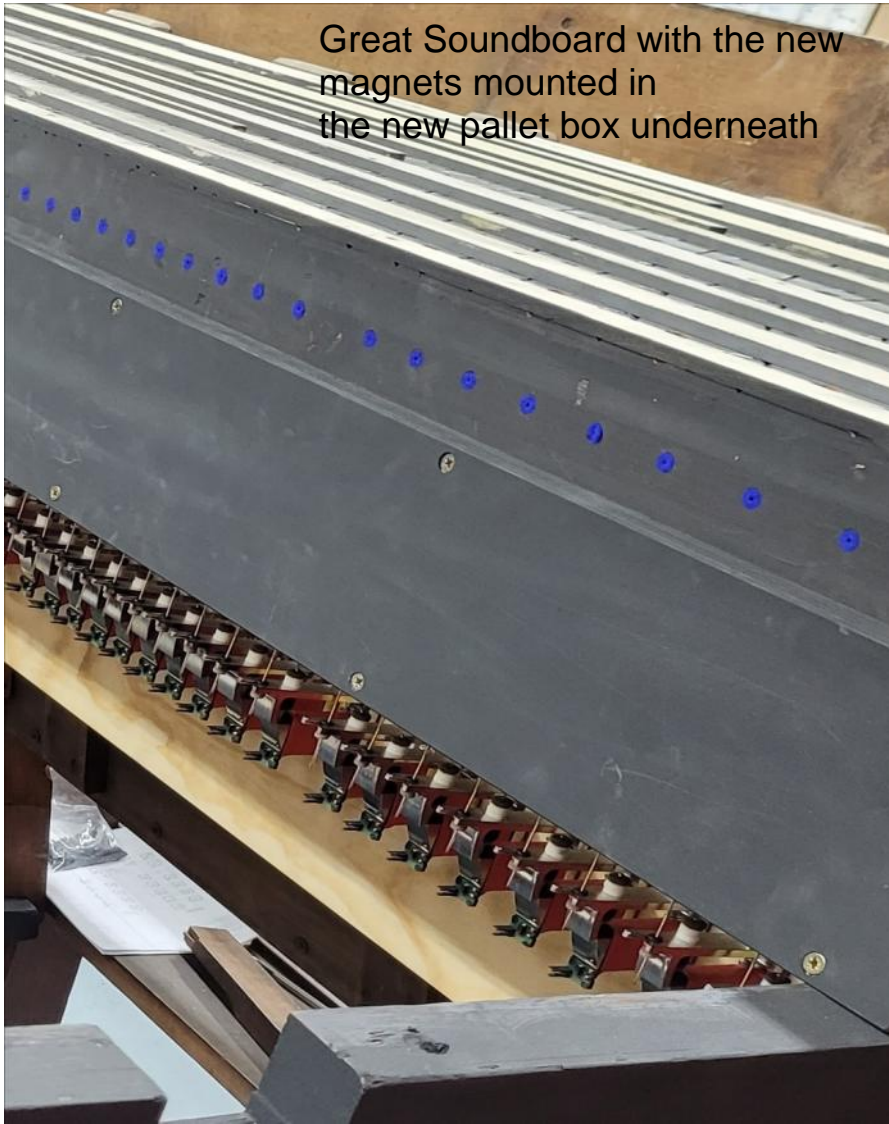


10th Oct 2024  
Façade pipes re-painted



Soundboards in place on the  
frame with the re-leathered  
bellows below

Back of the Swell Soundboard with  
the new pallet box for the magnets  
below and the re-leathered  
bellows at the bottom,



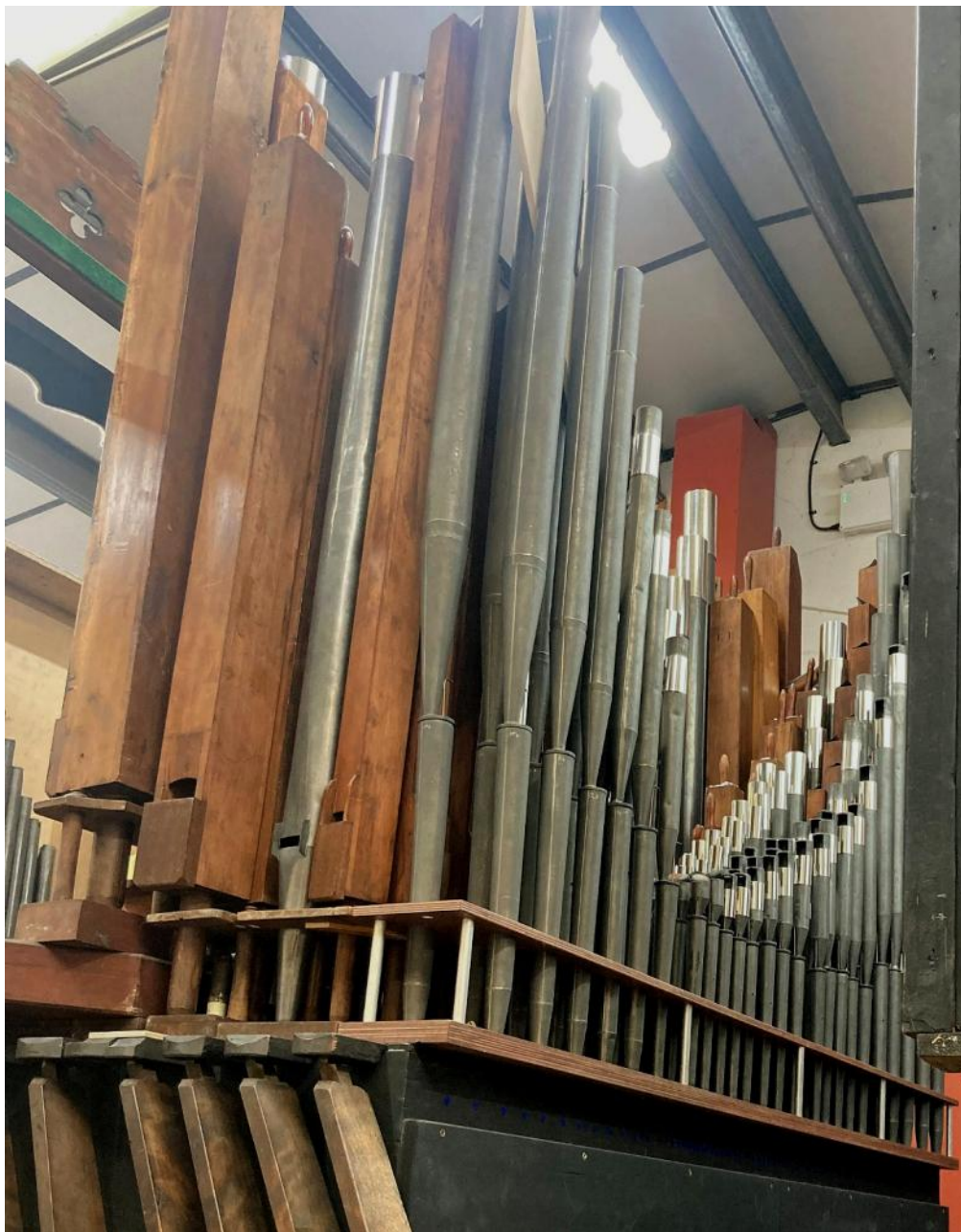
Great Soundboard with the new  
magnets mounted in  
the new pallet box underneath



13th Nov 2024  
Great pipes in place  
Swell box behind







Back of the Great Soundboard with the new Clarinet pipes visible

All metal pipes have new shiny tuning slides. All metal pipes have been rounded out and feet repaired. All wooden pipes have joints re-glued.



The Swell soundboard has been moved back to give better access for maintenance while the front of the Swellbox has been extended forward slightly to allow the shutters to open fully without hitting the Trumpet pipes.

The Faceboard of the Great Soundboard is now accessible.

New Slider Motors have been installed to control the Great stops.







7 Feb 2025

The rebuilt console: reconditioned keyboards with new keyslips housing new combination pistons. The treble jamb has gained 1 speaking stop and 2 couplers, while the bass jamb has gained a Tremulant and a coupler. 10 draw stops have replaced 6 stop keys below the music desk, these include 4 extra pedal stops. All the switches are new, but all additional stop knobs, matching the originals, were salvaged from discarded organs. New casework is made from walnut and oak to match the original wood. The new control panel below the music desk has buttons to select the memory levels for the divisional and general combination pistons with a digital display to show the levels selected.



Organ Builder, Ian Carter and Consultant Paul Hale examining Great pipework



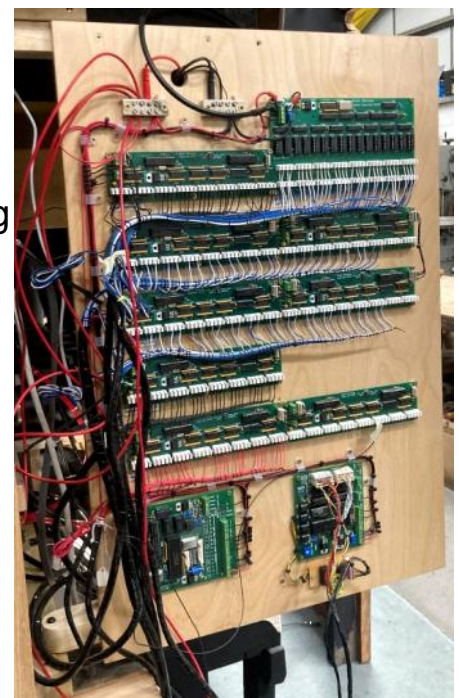


Front and back views showing the new chest holding the bass of the new Great Fifteenth, the relocated Dulciana, and, at the back, the top octave of the Pedal Flute. The old chest immediately behind the façade has most of the Pedal Principal—the bottom 3 pipes have moved from the side to the back to make space for the new chest.



New Swell slider motors with the solid state switching and output board below.

Great switching and output board. All the wiring will be disconnected for transportation to Orwell and will be fixed neatly in the finished organ.







4<sup>th</sup> March: frame, keyboards and stop units installed

6<sup>th</sup> March: stop jambs, pedal stop knobs and Great slider motors installed



12<sup>th</sup> March: case front and swell box in place. Great stop knobs installed



18<sup>th</sup> March: fitting the Pedal Bourdon pipes





19<sup>th</sup> March: console  
nearing completion



21<sup>st</sup> March: freshly painted façade  
pipes being installed. Swell pipes  
visible in the swell box



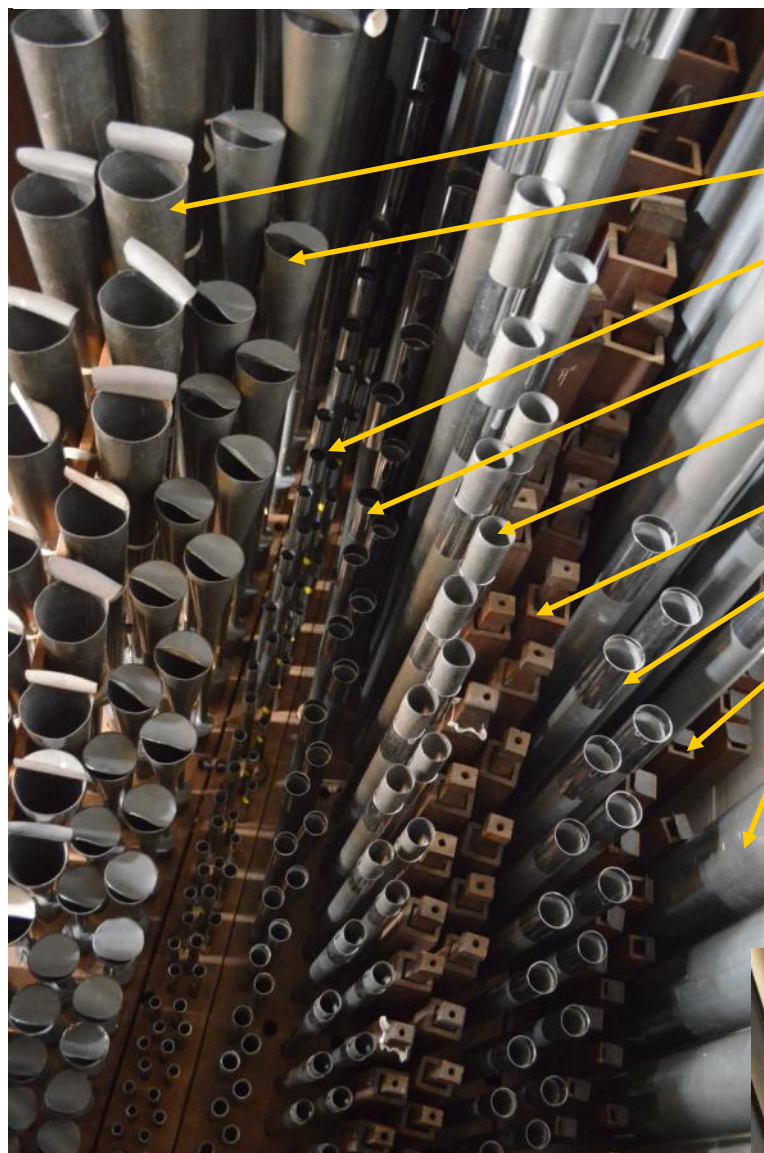
21<sup>st</sup> March: side of the case in the north  
aisle. Pedal Principal pipes in front,  
Great Dulciana behind with the lowest  
notes of the Great Fifteenth on the left.  
Side of the swell box behind



21<sup>st</sup> March: mechanism of  
the new Swell Tremulant



25<sup>th</sup> March: **Swell pipes**



Trumpet 8'

Hautboy 8'

Mixture II (2 pipes per note)

Principal 4'

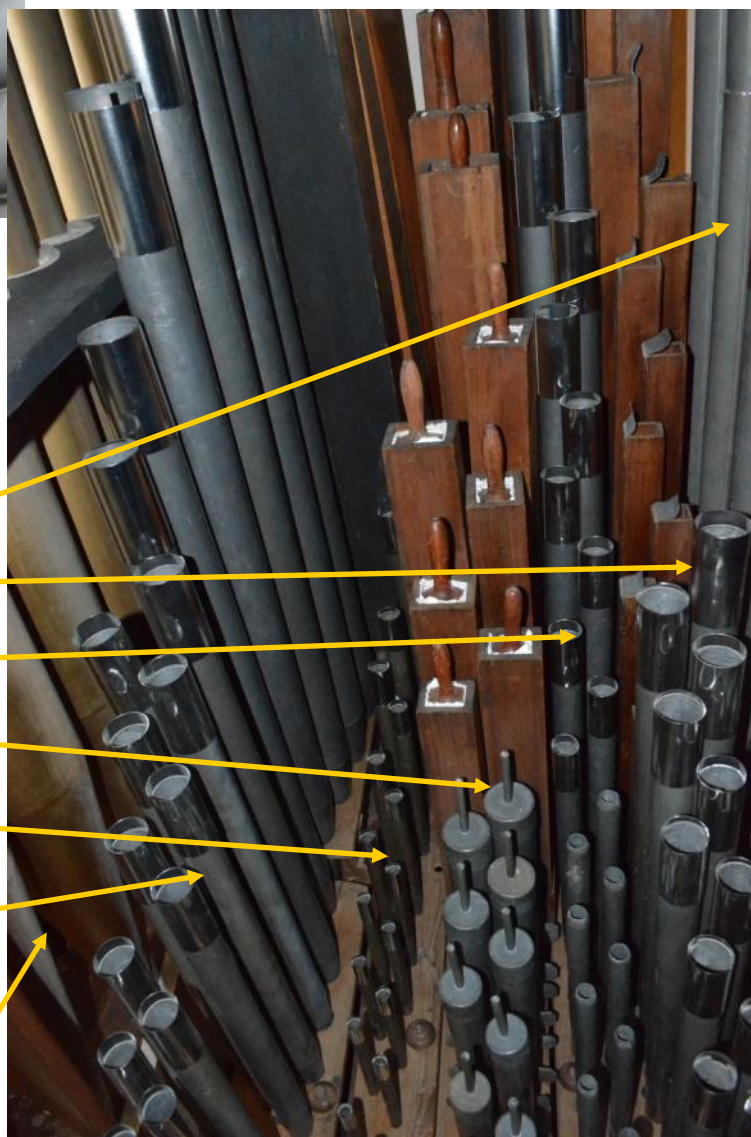
Gamba 8'

Rohrflute 4'

Violin Open Diapason 8'

Clarabella 4'

Bass of Violin Open Diapason



**Great pipes**

Clarinet 8'

Harmonic Flute 4'

Principal 4'

Lieblich Gedact 8'

Fifteenth 2

Open Diapason 8''

Façade:  
bass of Open Diapason 8'





The opening recital 9th May 2025: Paul Hale (Rector Chori Emeritus of Southwell Cathedral) performs a programme designed to demonstrate the capabilities of the organ, including works by Bach, Frank, Mendelssohn, Karg-Elert, and others.

Over 100 people thoroughly enjoyed and appreciated the concert.







