# **Volpiano Neume Protocols**

Standardized Guide for Transcribing, Editing, and Interpreting Neumes in Multiple Cantus Ultimus Manuscripts

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### **Important:**

## This chart is under development. Check regularly for additions and updates.

#### **About this Chart**

**Columns**: Each column represents the neumes within a single manuscript. Most transcribers and editors will use only a single column to guide their work.

**Rows:** Each row features a single neume as found in the *same chant*, over the *same text*, in multiple manuscripts, with few exceptions (Klosterneuburg 1181, and as indicated). This approach illustrates continuity and change in neume forms over time. It further ensures that the Neume Protocols for a single manuscript are relevant within the breadth of the chant heritage while helping to interpret unusual neumes within a manuscript. Although the neumes used in concordant chants can differ across manuscripts, many neumes remain consistent. For a list of concordant chants used to create the chart, see the end of this document.

#### **General Guidelines**

Clefs

• Use treble clef for all chants, even if multiple clef signs are used in the chant

**Flats and Naturals** 

• Transcribe just once, as you see it, in front of the closest B

**Pitches and Ornaments** 

Pitches are generally transcribed using regular-sized round note heads.

- Liquescent neumes are transcribed using small note heads
- · Quilismas are transcribed using individual noteheads for each swirl

#### **Connected or Disconnected**

Pitches are connected in Volpiano (no space between note heads) for:

- Neumes written as a single/connected pen-stroke
- Neumes with subbipuncti
- Reiterated pitches over a single syllable (distropha, tristropha, bivirga, etc)
- Reiterated pitch before any other neume ("pressus of assimilation")
- Reiterated pitch after any other neume (oriscus)

Pitches are disconnected in Volpiano between:

- Two neumes in close succession over a single syllable, but with visible space in between
- Two neumes with reiterated pitch in between ("pressus of assimilation"), which sometimes appear connected

## **Neume-by-Neume Guidelines**

The following chart includes multiple possible neume types and recommended transcriptions. St. Gall neumes are provided for reference only

Manuscript	St Gall 390/91		Paris 12044	Utrecht 406	Köln 1161	Assisi 693	Kl'burg 1012	Kl'burg 1018	Einsiedeln 611	Paris 15181	Salzinnes
Century	10th C	VOLPIANO	12th C	12th C	13th C	13th C	12th C	14th C	14th C	14th C	16th C
Clefs											
C clef			5v	1r							2r
				C						6	1
			6	100							
F clef						9v				-	
r ciei						90					
						F					
			97r				50rv	3r, 120r			
Multiple			C					. 6			
clefs / Pitch							42	1000			
designations							4 5	1 1			
							5 5	C F			
Flats											
i-like					1r			3v	1v, 1v		
T IIIC								31	7,1,		
					Le			P	UV	1 m 10	
1. 191 .			102		OR THE STREET		22	120	1		1
b-like			102r				33r	120v	1r	, wo	1r
			2.				· Bu	Ls			6 1
			Ь						1	-	· _
square									1r, 1v		
									3		
									明 量		
Single											
Virga	35	NO-bis	3r	15v	11r	9v E-mitt		2r Vespere	1r	130r E-mitte	21r
Source			1121	4	- 2	4		113			
Precursor	16		7					*	19	8/1	
(& Emitte)	10 m				-10			1			-
Punctum	35	E-mitte	3v	17v	12v	NObis	33r	2r Vespere	12r	127v NObis	22v
Source: Emitte		7.			-				-	10	
(& Precursor)	4, 57	=	-	*	?	100	0	180			
Tractulus		om-NES	102r								
Source:											
Congratula-			400								
mini (R)											

Neume name St. Gall VOL	OLPIANO Paris 12044	Utrecht 406 Köln 1161	Assisi 693 Kl. 1012	Kl. 1018	Einsiedeln 611	Paris 15181	Salzinnes
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2-note											
Pes	35	ag-NUS	3r	17v	11r		3v hoc	2r Vespere	12r	127v	21r
Source: Precursor	1	**	2	1	1		*	1	3	-	4
	27	-RA-mus			1r		33r gloria	2v Angelus	1r		
Source: Ecce venit rex	81	7		1	1		<b>~</b>	lo-CU-tus	2		
Clivis	35	ET	3r	15v	11r	8v	3v sanctus	2r Vespere	12r	127v	21r
Source: Precursor	1	95	7	U	n	7	1	2	Plan	*	
Source:	35	fili-E	3r	18r	11v				12v	129v	22v
Emitte	1	3	7	<u>N</u>	Л				1	*	-
3-note											
Scandicus		e-MIT-te	4r	18(petra)	11v		51v tue	2v Angelus	12r	129v	22v
Source: Emitte and Missus est gabriel		-	1	:1	, r		1	3	-		
Climacus	33	jerusa-LEM	5v	15r	13r		53v <b>nu</b> merus	3r Dum	1r	137r	25v
Source: Juravi dicit	1=	208	7.	J:	r.		4	mari-A	900		-
Torculus		fili-E	3v	18 -ser-	11v			3r Dum	12r	129v	22v
Source: Emitte		70	5%	a	st			12	A.	10	N III

Neume name	St. Gall	VOLPIANO	Paris 12044	Utrecht 406	Köln 1161	Assisi 693	Kl. 1012	Kl. 1018	Einsiedeln 611	Paris 15181	Salzinnes
Porrectus	35	DO-mine	3v	18r	11v	9v	33v patri	3r Dum	12r		22v
Source: Emitte	N.	- Mg/II	mt.	Ja.	N	V	v	TRANsiset	7		4
[Trigon]	75 (391)	angel-US	120r	117r			3r	46v		348v	
Source: Jam non dicam (R)	100	EQ.	*7	l:			30	**		11/1	
[Double	75 (391)	quo-RUM	120r	117r			3r	46v	114r		
trigon  Source: Quorum remiseritis peccata (V)		580 BB0		D.			T.	44			
Liquescent											
Epiphonus (2nd) Sources: O beatum (")	143	SANC-	205v					156r	241v		
Epiphonus	35	AD	3v								
(3rd) Source: Emitte	0	- d'	J	8							
	176, SG391	PER	235r						257v		
Source: Sancti per fidem (A)	U	7	J						J		
Cephalicus	35	MON-tem	3v	18r	11v		22r in			129v	
(2nd) Source: Emitte	9	37.	2.0	P	P		2			101	

Neume name	St. Gall	VOLPIANO	Paris 12044	Utrecht 406	Köln 1161	Assisi 693	Kl. 1012	Kl. 1018	Einsiedeln 611	Paris 15181	Salzinnes
Source:	16	SANC-tum		6r	2r			2r Vespere	2r	108r	
Ave maria (R)	P			P	P			AU-tem	P	-	
Cephalicus	35	-ve-RUNT	4r	18r	11v						
(3rd) Source:Germi -naverunt (R)	P	•	7	<i>[]</i>	17						
	75	QUEM	120r	117r			3r	46v	114	348r	
Jam non dicam (R)	P	7,	7	2			2	7	1	7	
Carballa a		ORtis	1	24r		1		1	10	150	
Cephalicus (4th) with scandicus Source:		ORUS		ران.					19v	150r	
Parvulus (A)											
Ancus							51r intercede				
							3				
Liquescent va	riants		1		Ī	T		T			
??? Sources:	32 (SG 391)	AL-leluia	99v	97r				2v	89r		
Ego dormivi (A)	P	u,	0	P				9	A		
Sources:	30	COL-les	1v	12v			22r <b>un</b> gebat		8v		
Montes et omnes ()	5	100	8	4			2		4		

Neume name	St. Gall	VOLPIANO	Paris 12044	Utrecht 406	Köln 1161	Assisi 693	Kl. 1012	Kl. 1018	Einsiedeln 611	Paris 15181	Salzinnes
Repercussive											
Distropha/	84	E-rubes-	30v	44v	32v		22r peccatrix				57r
Bivirga Source: Ad te levavi (R)	17		-	79	7)		77				ha
Source:	38	pro-PHE-tae	2r	17r	10v					132r	20r
Prophetae praedica- verunt	1	89	-4	5	*					-	-
Tristropha	84	DI-li-	30r	44v	32v		20r <i>mox</i>	2v Angelus			56v
Source: Diligam te (R)	***	3600	****	227	999		777	DI-xit			<b>被</b> 图 III
Pressus	83	-mi-NUS	29v	44r	32r					182r	56r
Source: A dextris (R)	1.	-00	-1	1:	in					10 10	W-10 <sub>11</sub>
Source:		ET	187r	97r			24r cum	2v Angelus			A9r
Quatuor facies (R)		## <sub>0</sub>	*7	LO-cus			7.	LO-cus			100
?		ET			104r		12v i <b>gne</b>				
Source: Quatuor facies (R)					.0		2				
Source:		allelu-IA		97r				2v			
Angelus domini (R)				P				-			

Neume name	St. Gall	VOLPIANO	Paris 12044	Utrecht 406	Köln 1161	Assisi 693	Kl. 1012	Kl. 1018	Einsiedeln 611	Paris 15181	Salzinnes
	1		T	T 2	1	T	T		T		T
				(note dip in the top)							
?	29	ER-it	1r	12v					8r	123v	16v
Source: Ecce radix Jesse (R)	, .	200°		14					43	n#	***
Source:		cer-TA-men	155v	1332r			16r certamen	69r	194r	435r	164r
Bonum certamen (R)				+			m	no		*	10 to
Oriscus		om-NES	102r				52r gabrielis				
Source: Congratula- mini (R)		00	1				4				
							19v portas				
		P. P					15				
Scandicus vari	iants										
Scandicus		gabri-EL							1v	107v	
Source: Missus est gabriel (R)		Z							-3	1	
Scandicus		AL-leluia		106r							
liquescent Source: Surrexit dominus de sepulcro (A)		æ.		5.5							
Scandicus	75 (391)	IAM		117r			3r iam	46v			

Neume name	St. Gall	VOLPIANO	Paris 12044	Utrecht 406	Köln 1161	Assisi 693	Kl. 1012	Kl. 1018	Einsiedeln 611	Paris 15181	Salzinnes
liquescent Source: Jam non dicam (R)	48	200°s		1			18v ejus	1			
Scandicus		cer-TUM					16r certum	69r	194r		
flexus Source: Scio cui (V)		****					1	M	1		
Scandicus		ma-RI-a			2r			3r Dum	2r	108r	3v
subbipunti Source: Ave maria (R)		****			110.			aro-MA-ta	3+	1100	11 11
Descendet		e-IUS	1r		8r				8r	123r	16r
dominus (R)		-0000	1		.·f.,				m # + +	110	Hand of
Scandicus			156r				16r	69r	194v		
subtripuncti Source: Scio cui (V)		******	1t.				A:	2000	34		
Scandicus		justi-CI-e					16r	69r		435r	164r
Source: Bonum certamen (R)  Tractulus vari	ants	0000					JV.	27		IN	**/*
Tractulus Vari	ants										

Neume name	St. Gall	VOLPIANO	Paris 12044	Utrecht 406	Köln 1161	Assisi 693	Kl. 1012	Kl. 1018	Einsiedeln 611	Paris 15181	Salzinnes
			235r								
Source: Confessor domini N.		30	12								
			A way								
Pes variants											
Liquescent							3v continet				
pes		•					w				
Pes stropha		MEN-			33r				43r		57r
Source: Quam magna (R)					7				3"		-
?		a-MEN									1v
Source: Laus honor virtus (H)		W HAZA									inen.
Pes		SERvient		6r	1v				1v		
cephalicus? Source: Aspiciebam (R)				2	4				Par		
Pes	35	GER-min-	4r	18r					12r	129v	
cephalicus Source: Germi -naverunt (R)	S.	350	2	3		2			(3rd?)	(3rd?)	
Clivis variants	3										

Neume name	St. Gall	VOLPIANO	Paris 12044	Utrecht 406	Köln 1161	Assisi 693	Kl. 1012	Kl. 1018	Einsiedeln 611	Paris 15181	Salzinnes
Clivis		-lieri-BUS		97r	1		1		I		1
Epiphonus		-IIEII-BUS		9/1							
Source:				10							
Angelus											
domini (R)				Acres 1							
Double		lonGINquo			1r		34v verbi		1r	106r	
Clivis					0		20.00		200		
Cephalicus Source: <i>Ecce</i>		- Op. 10-			129		10		Too be	-	
nomen											
domini (A)									-		
, ,							Bo Bo				
Source: Surrexit	40 (SG391)	alleLUia	101r					7r		299v	
dominus vere	7 0										
(I)	AP.	F0-04	7					1 07			
Double clivis		a-VE		2r	2r						
Source:				0	N						
Ave maria		-08 80		3	1.2						
(R)											
Sources:	35	FI-lie	3v		00				12v	129v	22v
Emitte	1 1		eq.		??				M -		P
	15 18	-000	-7								المنطالا
			A COST								
		pe-TRA	3v	18r	11v				12v	129v	22v
			7-	0	st.				Time but		THE REAL PROPERTY.
			-	1-1	1001						
				- +	*						
Source:	39	DE-UM	3v	18r	11v		3r amicos		14r	133r	22v
Ego autem	TT		12 12	00	41 41		11		M. M.	B B	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		- No No.	100						The The		
							0.0				
Pes Clivis	85	-scon-DI			33r				43r	188v	57r
res Chvis	03	-SCOII-DI			331				431	1001	J/I

Neume name	St. Gall	VOLPIANO	Paris 12044	Utrecht 406	Köln 1161	Assisi 693	Kl. 1012	Kl. 1018	Einsiedeln 611	Paris 15181	Salzinnes
Source: Quam magna (R)	11	90-08							11/4	A M	N <sub>M</sub> M
Clivis+1		surrex-IT			97r			2v			
Source: Angelus domini (R)					1.			La			
Torculus variants											
Torculus +	84	ME-um	30r	44v	32v					182r	56v
apostropha Source: Diligam te	in	-0-818	Su	J.	so.					-	100
Torculus Cephalicus		lonGINquo		4v			27v consigna				
Source: Ecce nomen domini (A)		PR. II.		J.			B				
							17v eius				
							2,				
Torculus+		EST	3r				4r penetravit		12r (Ecce)		22v
Clivis Source: Ipse (V)		P. S.	Sig		Shy		Ab		200		
Torculus resupinus		MA-cula	3r	15v	11r			2v Angelus	12r	127v	21r
Sources: Precursor		9.00	Sy	d	J.			Ne	1	1	.1.

Neume name	St. Gall	VOLPIANO	Paris 12044	Utrecht 406	Köln 1161	Assisi 693	Kl. 1012	Kl. 1018	Einsiedeln 611	Paris 15181	Salzinnes
		arr I						sur-REX-it		1	
		ma-CU-la	3r		11r				12r	127	21r
		- NOW	N		SV				1	M	N
Torculus res.	35	CAM-pi		18r							
cephalicus Source: Germi -naverunt (R)	N	<b>**</b> **********************************		no							
Torculus							17v eius				
prepunctis		-					2				
Porrectus vari								4r penetravit			
Porrectus flexus Source: Perfecisti (V) Source: Jam non dicam (R)	85	-O-rum	32r				Ab		43r	188v	57v
	20	200	71						N	M	1
		a-MI-cos	120r				3r		114r	348r	
		000	71				4		7	V.	
Porrectus		HO-nor			1v				1v		3r

Neume name	St. Gall	VOLPIANO	Paris 12044	Utrecht 406	Köln 1161	Assisi 693	Kl. 1012	Kl. 1018	Einsiedeln 611	Paris 15181	Salzinnes
Prepunctum Source: Aspiciebam (R)		200,00			<b>"</b> "				'N'		-
		HO-nor		6r						107v	
Source: Jam non dicam (R)	75	pa-RA-cli-	120r	117r			3r paraclitum	46v		348r	
	* W	220	-A	Ma			no	·v		14	
Connected Cli											
Climacus (4)	35	VE-niet	4r	18r	11v				12r	130r	23r
Source: Germi -naverunt (R)	1	No No		i.	F.				-	A Day	* B B B
Bivirga	84	LAU-dis	30v	44v	32v				42v	183r	57r
Climacus Source: Audiam (R)	11.	***	··-	11.	pro.				in the	Parket	-
Climacus		ET	187r								A9v
apostropha  Source: Similitudo vultus (R)		9800	1.								-
Disconnected											
Clivis Climacus Source: Germi -naverunt (R)	35	e-IUS	4r	18r	Py.					130r	23r

Neume name	St. Gall	VOLPIANO	Paris 12044	Utrecht 406	Köln 1161	Assisi 693	Kl. 1012	Kl. 1018	Einsiedeln 611	Paris 15181	Salzinnes
Climacus		simili-TU-									A9r
pes Source: Similitudo vultus (R)		980.8									
Connected Su	bbipuncti com										
Pes		tu-UM			11r		20r arcum		12r	129v	21v
subbipuncti		-000	1		1.		M.		4	100	-
~							E No				
Source:		FA-cies									A9r
Similitudo vultus (R)		0890									M
Pes		sa-LU-tem	1r		8v					123v	16v
subbipuncti flexus Source: Ecce radix Jesse (R)		ologo	1. 1		t.,					1000	a kapa
Pes							26r super				
subquadripu nctis		o <sup>N</sup> O <sub>N</sub> O <sub>N</sub>					4				
??							27r peccatrix				
		Roggio Ro					1:				
Scandicus							27r testis				
subbipunctis		92.80					Lin				
Scandicus		VE-nit	102r		1r						1v

subtripuncti resupinus Source: Jam non dicam (R)	348r	# N N N N N N N N N N N N N N N N N N N
Scandicus     acci-Pl-te       3r   46v   114r       subtripuncti resupinus   Source: Jam   non dicam   (R)   3r   3r   3r       Scandicus   35   se-CU-li     15v   11r   2v Angelus   12r	348r	
subtripuncti resupinus Source: Jam non dicam (R)  Scandicus 35 se-CU-li 15v 11r  2v Angelus 12r	348r	
resupinus Source: Precursor  mulie-RI-	127v	22v
And the	348r	
Source: Ante me non (A)		14r
Quilisma         Quil.pes2		
Quil.pes2 prepuncto		

Neume name	St. Gall	VOLPIANO	Paris 12044	Utrecht 406	Köln 1161	Assisi 693	Kl. 1012	Kl. 1018	Einsiedeln 611	<b>Paris 15181</b>	Salzinnes
Quilisma porrectus	A	-00707		cov							

## For further reference

Carroll, Joseph Robert, ed. and trans. An Applied Course in Gregorian Chant. Toledo: Gregorian Institute of America, 1956.

http://www.cantusplanus.at/de-at/notation/fln.htm

http://www.cantusplanus.at/de-at/notation/gn.htm

http://www.cantusplanus.at/de-at/notation/qn.htm

### **Concordant Chants**

Manuscript	St Gall 390/91	Paris 12044	Utrecht 406	Köln 1161	Einsiedeln 611	Paris 15181	Salzinnes
Century	10th C	12th C	12th C	13th C	14th C	14th C	16th C
Signature	X	X	incomplete	X	X	X	<b>/</b>
Concordances							
Aspiciens a longe (R)	15		5v	1r	1r-v	107r	2r
Ecce veniet dominus (R)		1r	9r	8r			
Descendet dominus (R)		1r		8r	8r	123r	16r
Orietur stella (R)		2r		10r			
Ave maria (R)	16		6r	2r	2r	108r	3v
Non auferetur	32	4v	14v	12v	10r	468r	24r
Ecce radix Jesse (R)	29	1r	12v	8r	8r	123v	16v
Modo veniet (R)	34	5v	17r	10r	11v	129r	20r
Praecursor pro (R)	35	3r	17v	11r	12r	127v	21r
Ipse est/Ecce dom. (V)	35	3r	17v	11r	12r	127v	21r
Emitte agnum (R)	35	3v	17v	11v, 102v	12r	129v	22v
Ostende vobis/Ex Syon(V)	35	3v	17v	13r	12r	129v	23r
Juravi dicit dominus (R)	33	5v	15r	13r	10v	137r	25v
Ecce venit rex occuramus(I)	27		11v	1r	1r	106r	1v
Geminaverunt	35	4r	18r	11v	13r	129v	23r
Ego autem	39	3v	18r	11v	14r	133r	22v
Diligam te	84	30r	44v	32v	42r	182r	56v
Domini est terra (R)	84	30r	44v	32v	42r	182v	56v
Ad te domine levavi (R)	84	30v	44v	32v	42v	183r	57r
Audiam domine (R)	84	30v	44v	32v	42v	183r	57r
Quam magna (R)	85	32r		33r	43r	188v	57r
Perfecisti (V)	85	32r		33r	43r	188v	57v
Deus qui sedes (R)	83	29v	44r	32r	41v	181v	55v
Surrexit dominus (A)		106r	101v		97r	320r	
Viribus corporis (V)		205r	198v		241v		
O beatum virum (R)	143 (391)	205v	196v		241v		

Neume name	St. Gall	VOLPIANO	Paris 12044	Utrecht 406	Köln 1161	Assisi 693	Kl. 1012	Kl. 1018	Einsiedeln 611	Paris 15181	Salzinnes
Sancti per fiden	n (A)	176 (391)	235r	216r	117v				257v		A25v
Quorum remiseritis (V)		75 (391)	120r	117r			3r	46v	114r	348v	
Jam non dicam (R)		75 (391)	120r	117r			3r	46v	114r	348r	
Surrexit dominus vere (I)			101r		7r					299v	
Vespere autem sabbati (A)			97r		2r						
Angleus domin	i descendit R		97r		2v						
Angelus domin	Angelus domini locutus (V)		97r		2v						
Dum transisset			97v		3r						
Congratulamini (R)			102r								
Et adorabunt (V	<i>'</i> )		1r								