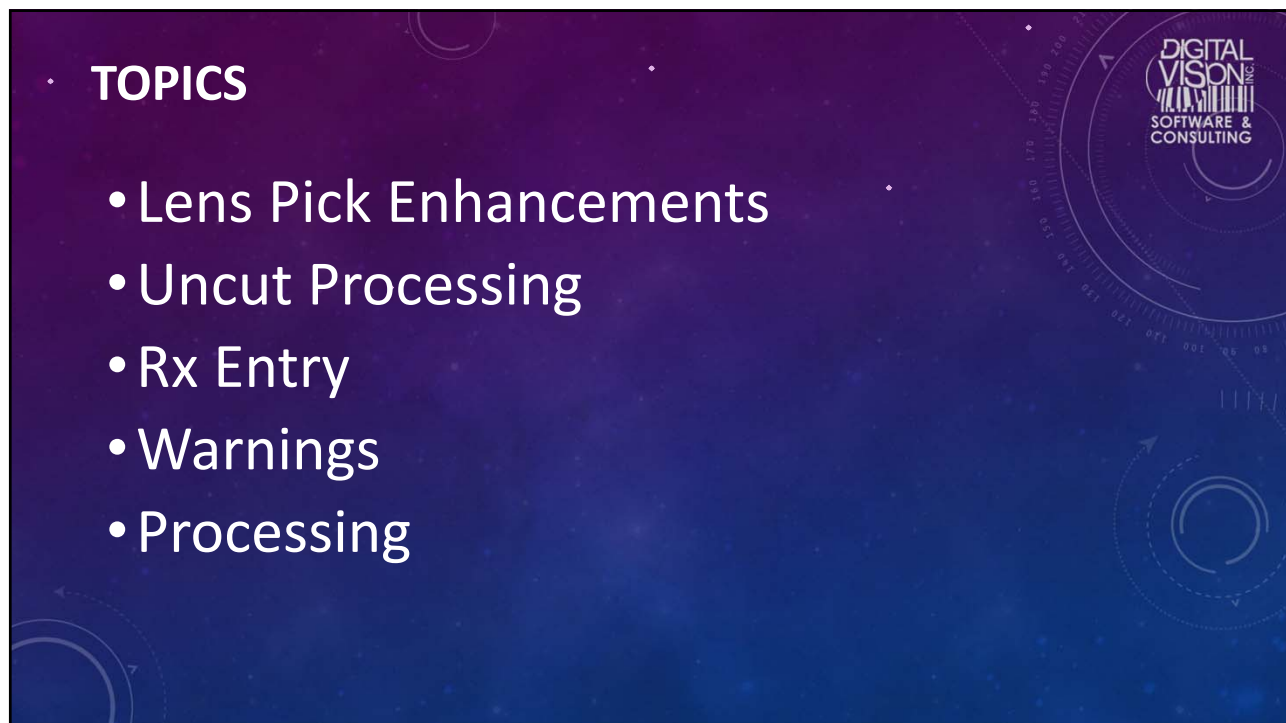




1



2

## FINISH LENS PICK ENHANCEMENTS

- AR Coat substitution
- Aspheric-SV substitution
- OC to MED for cutout
- Tolerance selection for finished
- Tool kit to maximize the use of finished product

3

## FINISH LENS PICK ENHANCEMENTS

### AR Coat Substitution

- Define logic with filters by coating
- Rx attempts to substitute first but will then try the ordered coating if substitution fails
- Must be a pair originally
- ½ pair processed as Redo (linked to original) will match original selection
  - An unlinked Redo won't perform a substitution but may if the coat is in factory field

4

# FINISH LENS PICK ENHANCEMENTS



## AR Coat Substitution

CZV → CZC

Tray 311 Acct 335 Patient BLACKSTONE,S-2 RxF# 1069983 Ship Edge Grd Bill Plist  
 Status: EDIT FROM entered: 04/04 09:06A by 88 241034

Sphere	Cylinder	Axis	Dist	Near	Form	Enc	In/Out Prism	Up/Dn Prism
-6.25								
-6.50	-0.25	140	62.0					

Lens SV Material PLY Color CLR Add Seght Thck E/C Ocht Mode Ad2  
 SV PLY CLR CLR

Base Curve MISz Coats Fact / Lab Seg In / Down Bthk Price  
 Coats CZV CZV

Job Trace 011 \*CZC \*CZC

Stat Frame Mfr Price Shape/Temple/Top Stat Cmpnt  
 E \*KP5004

Color PURPLE TLen 135 TTyp Color Mfr  
 Eye 46 Br 16 Etyp HB FMat ZYLO FTyp

DBL Circ Box Pat  
 A G B ED Ax A2 B2 R2 Ax2 R3 Ax3

Services Service R/L/P Service Descriptions Prices  
 Redo

Original Job Inv# 204875 Date 12/29/21

5

# FINISH LENS PICK ENHANCEMENTS



## AR Coat Substitution

Work Ticket

TRAY ACCT. 311 335 RX# 1069983 PATIENT VIS BL\*\*\*\*\*04/14/22 POE INV.# 241034  
 NEW MEXICO OPTICAL :503-231-6606 UA @ 40 WS22

SPHERE	CYL	AXIS	DIST	NEAR	IN/OUT	UP/DN
-6.25			31.0			
-6.50	-0.25	140	31.0			
-6.75			2.0	1.0		

NON-STOCK 685 LENS STOCK  
 -6.25 VXn70 CLR CZCs 1.75  
 STYLE PLY/PLY MFR SZ COLOR COAT FRONT CURVE ADD  
 -6.50 -0.25 VXn70 CLR CZCs 2.00

NON-STOCK 776 FRAME  
 \*KP5004 PURPLE  
 46 16 135 ZYLO

SURFACING  
 GRIND IN DOWN CYL AXIS AXIS BLOCK CRB TRUE CURVE SAG

ACCOUNT 335 UA PATIENT  
 KARA NEW MEXICO OPTICAL BLACKSTONE, S-2  
 6805 SE MILWAUKEE  
 PORTLAND NM 97205

SPHERE	CYL	DIST	NEAR	PRISM (I/O)
-6.25		62.0		
-6.50	-0.25	140	62.0	

R	SPHERE	CYL	DIST	NEAR	PRISM (I/O)	COAT	SIZE	OCHT	THK	COATING
R	-6.25		62.0			CZV				
L	-6.50	-0.25	140	62.0		CZV				
R	1.75					CZV				
L	2.00					CZV				

INVOICES ORDERED

6

# FINISH LENS PICK ENHANCEMENTS

AR Coat Substitution  
Half Pair Redo Linked



Tray 911 Acct 335 Patient BLACKSTONE S-2 Pof 1069983 Ship Edge Grd Bill Plst

Sphere Cylinder Axis Dist Near Form Etc In/Out Prism Up/Dn Prism

R -6.25 - - - 62.0 - - - - -

L -6.50 -0.25 140 62.0 - - - - -

Coats Fact/Lab CZV

Orig: Inv#204875 1/29/21 Plst UL CoatSub CZC

7

# FINISH LENS PICK ENHANCEMENTS

AR Coat Substitution  
Half Pair Redo Work Ticket



TRAY ACCT. RX# PATIENT VIS POE INV.# 241034

911 335 1069983 BL\*\*\*\*\*04/14/22 02:03P

NEW MEXICO OPTICAL :503-231-6606 UA @@ 40

\*REP\*04/04 WS22

POLY

I -6.25

SPHERE CYL AXIS DIST NEAR

R -6.50 -0.25 140 31.0

L -6.75 - - - 31.0

LENZ STOCK

CLR CZV

CLR CZCs 2.00

FRAME

PURPLE ZYLO

8

## FINISH LENS PICK ENHANCEMENTS

DIGITAL  
VISION  
INC.  
SOFTWARE &  
CONSULTING

### Aspheric-SV Substitution

- Pick Aspheric-SV when SV is ordered
  - Params option to look for Aspheric-SV when SV ordered, and Rx cannot find regular SV (Aspheric swap is choice #2)
- Service codes to activate / deactivate
  - ASPY (Func 130) Activate / ASPN (Func 129) De-activate
- Must be pair (or ASPY) originally ½ pair Redos must be linked to original

9

## FINISH LENS PICK ENHANCEMENTS

DIGITAL  
VISION  
INC.  
SOFTWARE &  
CONSULTING

### Aspheric-SV Substitution – H74 SV entered

Rx Entry - 04/15

Commands Move to ... Setup Shortcut Key Reference Tools Fitting Values Pin Queue

Tray	Acct	Patient	Rx#	Ship	Edge	Grd	Bill	Plist
910	252621	ASUB EDIT	GK		E		975599	

status: E EDIT PROB entered: 04/10 04:11P by @@ 241050 (04/10 16:38 @@)

	Sphere	Cylinder	Axis	Dist	Near	Form	Enc	In/Out Prism	Up/Dn Prism
R	-5.75			31.0					
L	-5.75			32.0					

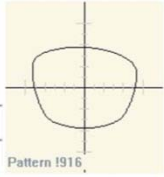
	Lens	Material	Color	Add	Seght	Thck	E/C	Ocht	Mode	Ad2
R	SV	H74	CLR							
L	SV	H74	CLR							

Base Curve MISz Coats Fact Lab Seg In / Down Bthk Price

R

L

Pattern 1916



10

# FINISH LENS PICK ENHANCEMENTS



## Aspheric-SV Substitution – Work Ticket

TRAY ACCT. 910 252621	RX# GK	PATIENT VIS AS*****	HID INV# 241050
MISSISSIPPI OPTICAL		:503-231-6606 VT	@@ 4e
BILL: 975599			WS22
HIRES		DIST NEAR	
R	-5.75	31.0	
L	-5.75	32.0	
SPHERE CYL AXIS		63.0	Δ IN/OUT Δ UP/DN
HORIZTOL → 2.0		VERTTOL → 1.0	
R	3.5	18.9	2.3 4.5 1.1
L	2.5	18.9	2.3 4.1 1.1
NON-STOCK <del>74</del> 0.54		LENS STOCK	
R	ASPHERIC-SV VXn75	CLR CZV	0.50 asub
STYLE H74/H74		MFR SZ COLOR COAT FRONT CURVE ADD	
L	ASPHERIC-SV VXn75	CLR CZV	0.50 asub
NON-STOCK <del>74</del> 0.54		FRAME	
D	*SL5011	PLUM MARBLE	SUNL
	54 16 135	ZYLO	

ACCOUNT 975599	VT	PATIENT ASUB ERAT				
AARON ILLINOIS OPTICAL		SHIP TO: 21				
6805 SE MILWAUKEE		JOE MISSISSIPPI OPTICAL				
PORTLAND IL 21090-2909		6805 SE MILWAUKEE				
		PORTLAND MS 01009-1877				
SPHERE	CYL	AXIS	DIST	NEAR	PRISM (I/O)	PRISM (U/D)
R	-5.75		31.0			
L	-5.75		32.0			
BASE	COLOR	TINT	COAT	SIZE	OCHT	COATINGS
R	0.50	CLR	CZV			
L	0.50	CLR	CZV			
MAT	LENS STYLE	ADD				
R	H74 SV					33.75
L	H74 SV					33.75

INVOICES ORDERED

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# FINISH LENS PICK ENHANCEMENTS



## Aspheric-SV Substitution – Half pair Redo (link to original)

Tray	Acct	Patient	Rx#	Ship	Edge	Grd	Bill	Plist
916	252621	CLAXTON CORINE	SP3XH8FF		E		975599	
status: E EDIT PROB entered: 04/04 03:53P by @@ 241040								
Sphere	Cylinder	Axis	Dist	Near	Form	Ents	In/Out Prism	Up/Dn Prism
R	-5.75		31.0		I			
L	-5.75		32.0					
Lens	Material	Color	Add	Seght	Thck	E/C	Ocht	Mode Ad2
R	SV	H74	CLR					
L	SV	H74	CLR					
Base Curve	MISz	Coats	Fact / Lab	Seg In / Down	Bthk	Price		
R		CZV				R F: VX75	Asub	
L		CZV				L F: VX75	Asub	
Coats	Tint	Tint						
Stat	Frame	Mfr	Price	Shape/Te				
∞	D	*SL5011		SUNL				

Orig: Inv#219825 01/21/22 Plist VT

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# FINISH LENS PICK ENHANCEMENTS



## Aspheric-SV Substitution – Half pair Redo - Work Ticket

TRAY ACCT.	RX#	PATIENT VIS	HID INV.#	241040
916 252621	SP3XH8FF	CL*****	04/16/22	09:31A
MISSISSIPPI OPTICAL		:503-231-6606 VT		@@ 4e
BILL: 975599		*REP*04/04		WS22
HIRES		DIST	NEAR	
<b>I -5.75</b>		31.0		
		63.0		
SPHERE	CYL	AXIS		Δ IN/OUT Δ UP/DN
L -5.75		32.0		
		HORZ TOL → 1.0	VERT TOL → 0.5	
		18.9		
DEC	INSET	OC HEIGHT	SEG HEIGHT	THINNEST THICKEST CTR THICK
L 2.5		18.9		2.3 4.1 1.1
<b>LENS STOCK</b>				
<b>Inf:SV</b>		CLR	<b>CZV</b>	
SV	H74/H74	MFR SZ COLOR COAT	FRONT CURVE	ADD
<b>ASPHERIC-SV VXn 75</b>		CLR	<b>CZV</b>	0.50
<b>NON-STOCK 704 0.54</b>		<b>FRAME</b>		<b>asub</b>
<b>D</b>	*SL5011	PLUM MARBLE		SUNL
	54 16 135	ZYLO		

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# FINISH LENS PICK ENHANCEMENTS



## Aspheric-SV Substitution – Half pair Redo – Not linked to original

Tray	Acct	Patient	Rx#	Ship	Edge	Grd	Bill	Plist
916	252621	CLAXTON CORINE	SP3X48FF		E		975599	
MISSISSIPPI OPTICAL		503-231-6606						
Sphere	Cylinder	Axis	Dist	Near	Form	Enc	In/Out Prism	Up/Dn Prism
R -5.75			31.0					
L -5.75			32.0					
<b>Material Color Add Seght Thick E/C Ocht Mode Ad2</b>								
SV	H74	CLR						
SV	H74	CLR						
<b>Base Curve MSz Coats Fact / Lab Seg In / Down Bthk Price</b>								
		CZV						
		CZV						
<b>Coats Tint Tint</b>								
No lens pick (prior or current) to display.								
Check Add, Material, Style, etc for Availability.								
Stat	Frame	Mf	SI					
D	*SL5011							
Color	PLUM MARBLE	TLen	135	TT				
Eye	54	Br	16	Etyp	HB	FRMat	ZYLO	FTyp
DBL	Circ	Box						
A	G	B	37.0	ED	Ax	A2	B2	R2
Services		Service	R/LUP	Service Descriptions		Prices		
			Redo					
								Original Job

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## FINISH LENS PICK ENHANCEMENTS

DIGITAL  
VISION  
INC.  
SOFTWARE &  
CONSULTING

### Vertical OC adjustment for cutout

- Params option for moving 2-eye finished lens Rx's vertically to achieve cut out
- Rx must not have specified OCHT, frame must be traced (no one shot shapes), and cutout must have failed using OCHT at frame center
- Program uses "height of best cutout" for frame shape and minimizes the vertical change

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## FINISH LENS PICK ENHANCEMENTS

DIGITAL  
VISION  
INC.  
SOFTWARE &  
CONSULTING

### Find Med point (point of best cut)

- Force small SV SF with sag, \*S\* indicates med point layout

Sphere	Cylinder	Axis	Dist	Near	Form	Enc	In/Out	Prism	Up/Down	Prism
-0.25	-0.50	145	32.5							
+0.50	-0.75	88	32.5							

SET	FINISHING	SEG HEIGHT	DBL	ED	FPD
R	3.0 +1.0+ *S*	0.9	13.9	63.3/038	5:00 P
L	3.0 +1.0+ *S*	0.9	70.8		
36.5	HIDE A BEVEL	14557	168.6	0.0 56.9	56.9 44.1

16

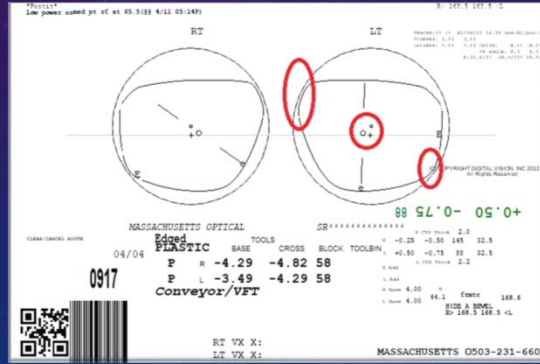


# FINISH LENS PICK ENHANCEMENTS



## Find Med point (point of best cut)

- Graphic display shows lens centered at the “Med pt”



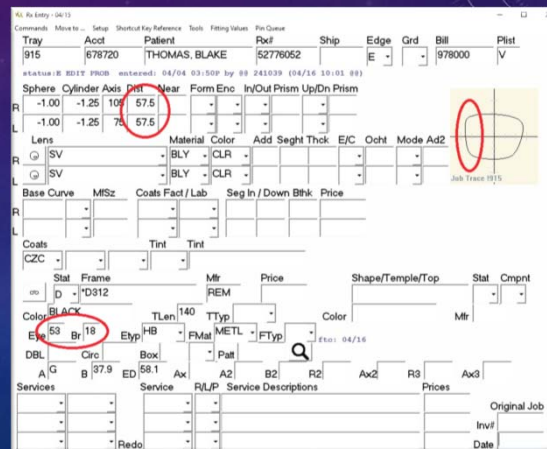
17

# FINISH LENS PICK ENHANCEMENTS



## Vertical OC adjustment for cutout

- Narrow PD
- Traced shape with shorter radius in Q2



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# FINISH LENS PICK ENHANCEMENTS



## Vertical OC adjustment for cutout

- Work ticket features

TRAY	ACCT.	RX#	PATIENT	VIS	POD	INV.#	241039
915	678720	52776052	TH*****	*****	04/16/22	10:03A	
LOUISIANA OPTICAL			:503-231-6606		V	@@	4e
BILL:	978000				WS22		
POLY	-2.25		DIST	NEAR			
R	-1.00	-1.25	105	28.7			
	SPHERE	CYL	AXIS	57.5	Δ IN/OUT Δ UP/DN		
L	-1.00	-1.25	75	28.7			
		-2.25	HORZ TOL	2.5	VERT TOL	2.5	
R	7.0*	18.8	*	2.1p	3.9	1.8	
	DEC	INSET	OC HEIGHT	SEG HEIGHT	THINNEST	THICKEST	CTR THICK
L	7.0*	18.8	*	2.1p	3.9	1.8	
NON-STOCK 914		VX*70		LENZ STOCK			
	-1.00	-1.25	VX*70	CLR	CZC	4.25	
	STYLE	BLY/BLY	MFR	SZ	COLOR	COAT	FRONT CURVE
	-1.00	-1.25	VX*70	CLR	CZC	4.25	
NON-STOCK 914		FRAME					
	D	*D312	BLACK	METL		REM	
		53 18 140					

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# FINISH LENS PICK ENHANCEMENTS



## Vertical OC adjustment for cutout

- Work ticket finish layout

				<b>FINISHING</b>				5:00 P	
R	6.5	+3.0+	*	7.0	0.0	0.9	DBL	18.6	
	INSET	DOWN	SEG HEIGHT	PRIN	PRDN	CLEAR	ED	58.2/151	
L	6.5	+3.0+	*	7.0	0.0	0.9	FPD	71.8	
SET	<i>frmtc</i>		PATTERN	CIRC	OVER	PBOX	HORZ	VERT	
	36.5	HIDE A BEVEL	!915	153.6	0.0	53.2	53.2	37.8	
	TINT			COAT					

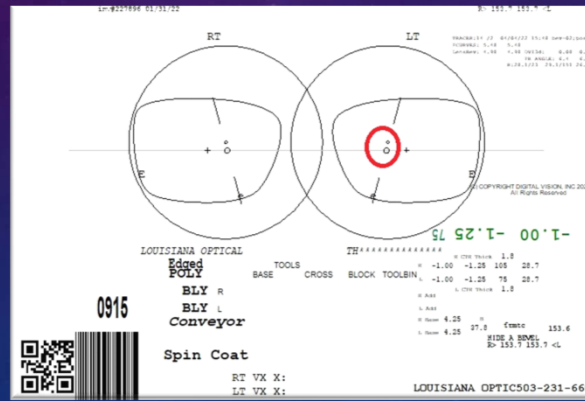
20

# FINISH LENS PICK ENHANCEMENTS



## Vertical OC adjustment for cutout

- Work ticket finish layout graphic



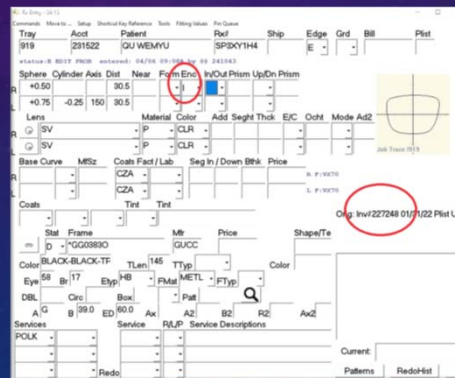
21

# FINISH LENS PICK ENHANCEMENTS



## Vertical OC adjustment for cutout

- Half pair Redo linkage in Rx Entry



22

# FINISH LENS PICK ENHANCEMENTS

## Vertical OC adjustment for cutout

- Half pair Redo linkage in Rx Entry

23

# FINISH LENS PICK ENHANCEMENTS

## Vertical OC adjustment for cutout

- Half pair Redo linkage Work Ticket

24

# FINISH LENS PICK ENHANCEMENTS



## Vertical OC adjustment for cutout

- Half pair Redo linkage – Finished layout

FINISHING										5:00 P
R	7.5	<b>+4.5+</b>	SEG HEIGHT	<b>PRIN</b>	CLEAR	ED	DBL	17.6		
	<b>5.0</b>	<b>+4.5+</b>		<b>7.5</b>	0.9	FPD	63.0/027			
SET	<i>POLISH frmtc</i>			PATTERN	CIRC	OVER	PBOX	HORZ	VERT	
36.5	<b>HIDE A BEVEL</b>			!919	163.6	0.0	57.9	57.9	38.6	
	TINT			COAT						

25

# FINISH LENS PICK ENHANCEMENTS



## Vertical OC adjustment for cutout

- Display original problem with layout

Tray	Acct	Patient	Ref	Ship	Edge	Grd	Bill	Plist
915	678720	THOMAS, BLAKE	52776052		E		978000	V
Sphere Cylinder Axis Dist Near Form Enc In/Out Prism Up/On Prism -1.00 -1.25 105 67.5 Lens Material Color Add Seght Thck EIC Ocht Node Ast2 SV BLY CLR 0.0 0.0 SV BLY CLR 0.0 0.0								
Base Curve MSS VX70 Coats Fact / Lab Seg In / Down Bnk Price CZC CZC								
Coats Tint Tint								
Stat Frame Mir Price Shape/Temple/Top Stat Crpnt D TD312 REM								
Color BLACK TLen 140 TTyp Color Eye 53 Br 18 Etyp HB FMat METL FTyp DBL Circ Box Pat A2 B2 R2 Ax2 R3 Ax3 A G B 37.9 ED 58.1 Ax1								
Service R/LP Service Descriptions Prices FIN Redo								
Original Job Inv# 227896 Date 01/31/22								

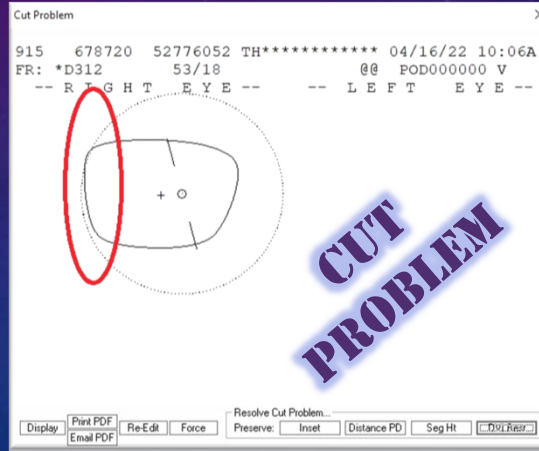
26

# FINISH LENS PICK ENHANCEMENTS



## Vertical OC adjustment for cutout

- Graphic Display
- Cut Problem



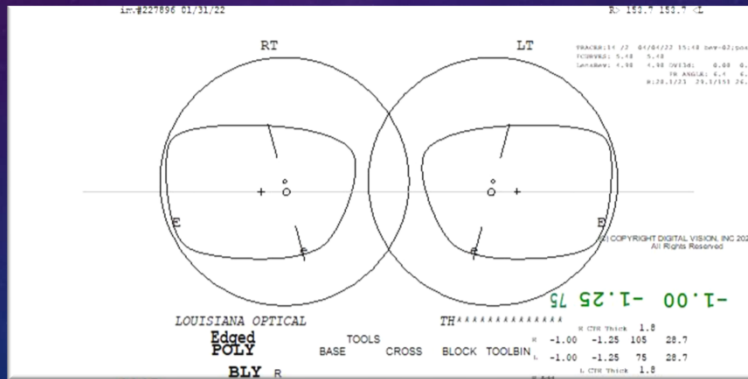
27

# FINISH LENS PICK ENHANCEMENTS



## Vertical OC adjustment for cutout

- Graphic Display with vertical adjustment



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## FINISH LENS PICK ENHANCEMENTS



### Archive report writer fields added for reporting

- SUBCOAT
- SUBASPH
- OC2MED

### Process Tracking Report Examples – DVI standard reports

- [Fin Sub Totals](#)
- [Fin Sub Detail](#)

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## FINISH LENS PICK ENHANCEMENTS



### Tolerance selection for finished

- Parameter option “use tolerance in finished selection”
- Parameter options for mm and prismatic tolerance
- Rx function=45 for tolerance via service code
- Customer specific vertical & horizontal tolerance available in Account Master 3-4-1-1

30

# FINISH LENS PICK ENHANCEMENTS



## Tolerance selection for finished

Lens pick on work ticket

F03-3		421	LENS STOCK						
○	-0.25	-0.50	ESn75	CLR	5.00				
	STYLE	P	/P	MFR	SZ	COLOR	COAT	FRONT CURVE	ADD
○	+0.50	-0.75	SC*65	CLR	5.25				
F02-6		780	FRAME						

Layout on work ticket

USE DBL FROM PATTERN		FINISHING				5:00 P		
R	5.0	+1.0+			3.0	DBL	18.0	
	INSET	DOWN	SEG HEIGHT	PRIN	PRDN	CLEAR	ED	63.3/038
	2.5	+2.0+	*	5.0	+1.0	0.2*	FPD	74.9
SET		frmtc	PATTERN	CIRC	OVER	PBOX	HORZ	VERT
	36.5	HIDE A BEVEL	!4557	168.6	0.0	56.9	56.9	44.1

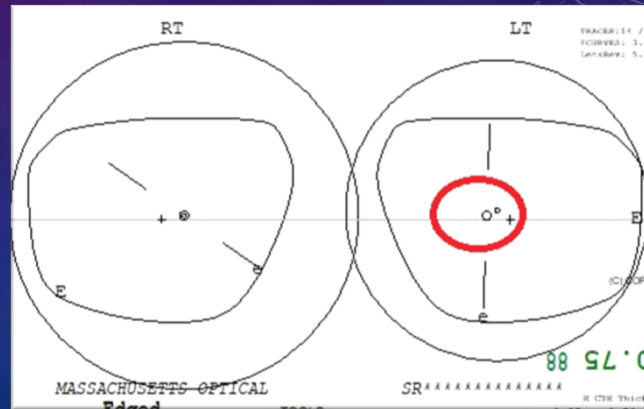
31

# FINISH LENS PICK ENHANCEMENTS



## Tolerance selection for finished

- Graphic Display of tolerance/layout



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# LENS PICK ENHANCEMENTS



## Pick finished Aspheric-SV on DVI ASPH-SV

- Process Tracking Report Example
  - [DVI ASPH-SV Sub](#)

33

# SEMI FINISHED LENS PICK ENHANCEMENTS



Mirror coats will search for factory SF lens

Rx Entry - 04/10

Commands Move to ... Setup Shortcut Key Reference Tools Fitting Values Pin

Tray	Acct	Patient		
902	231522	MIRROR		

Status: E EDIT PROB entered: 04/13 04:44P by 08 24

	Sphere	Cylinder	Axis	Dist	Near	Form	Enc	In/O
R	+0.50				30.5			
L	+0.75	-0.25	150		30.5			

	Lens	Material	Color	Ad
R	SV	PLP	GYC	
L	SV	PLP	GYC	

	Base Curve	MISz	Coats	Fact / Lab	Seg In /
R					
L					

	Coats	Tint	Tint
R	GDM		
L			

NON-STOCK	812	LENS STOCK						
SV	*no*fin*77	VEn75	GYC	GDM	4.00			SV
STYLE	PLP/PLP	MFR	SZ	COLOR	COAT	FRONT CURVE	ADD	
SV	*no*fin*77	VEn75	GYC	GDM	4.00			SV
NON-STOCK	812	FRAME						

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## UNCUT PROCESSING

### B-dimension change on default shapes

- 70% of A-dimension if no B-dimension specified
- Multifocals will adjust B-dimension based on seg height entry

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## UNCUT PROCESSING

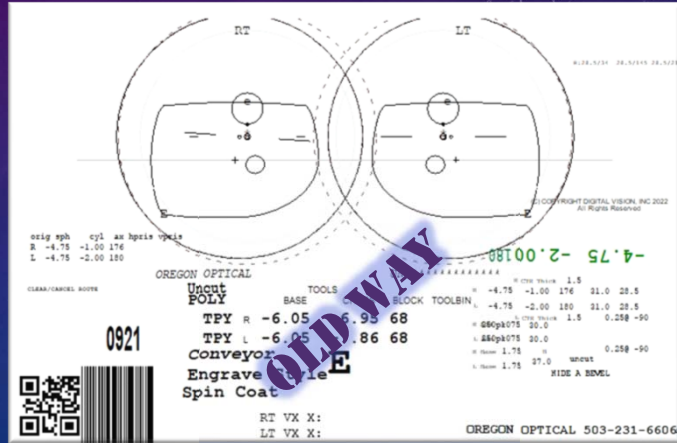
- Multifocals will adjust B-dimension based on seg height entry

Tray	Acct	Patient	Rx#				
321	447	UNCUT SHAPE	22				
CHRIS OREGON OPTICAL 503-231-6606							
Sphere	Cylinder	Axis	Dist	Near	Form Enc	In/Out Prism	U
R	-4.75	-1.00	176	31.0	28.5		
L	-4.75	-2.00	180	31.0	28.5		
Lens	Material	Color	Add	Seght			
R	PHYSIO E	TPY	T8G	250	30.0		
L	PHYSIO E	TPY	T8G	250	30.0		
Base Curve	MfSz	Coats	Fact / Lab	Seg In / Down	Bth		
R							
L							
Coats	Tint	Tint					
Stat	Frame	Mfr	Price				
∞	L *JA4068	ALTA					
Color	(033) GUNMETAL	TLen	140	TTyp	STD		
Eye	53	Br	17	Etyp	HB	FMat	METL
DBL		Circ		Box		Patt	
A	B	ED		Ax	A2	B2	

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## UNCUT PROCESSING

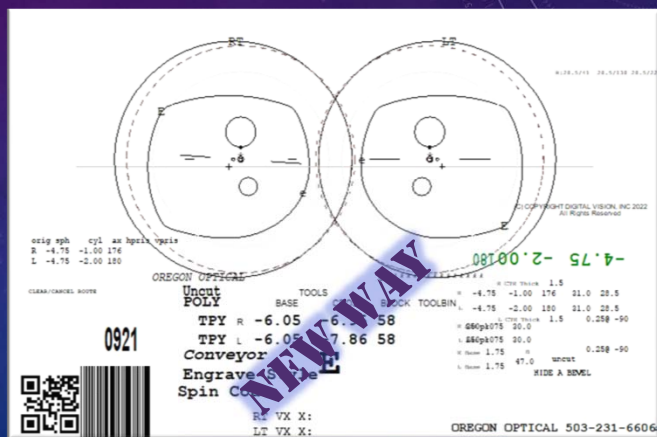
- Multifocals will adjust B-dimension based on seg height entry... old way (off center)



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## UNCUT PROCESSING

- Multifocals will adjust B-dimension based on seg height entry... new way (centered) Note crib

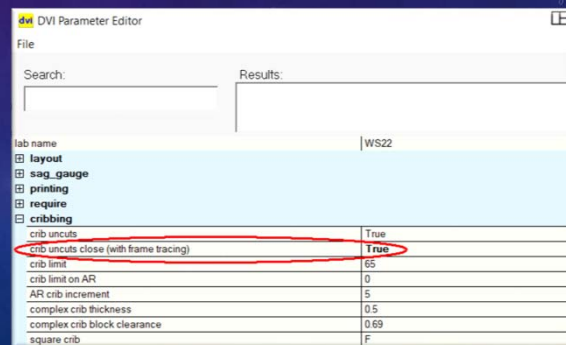


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## UNCUT PROCESSING

### Crib close on uncuts

- Crib uncut jobs like cut-and-edge jobs if valid frame shape
- Ideal for central uncut processing facilities



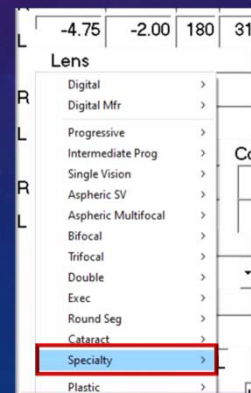
39

## RX ENTRY

### Cascading menu enhancement

- Doesn't display unpriceable/no-pick styles

*No Double D Straight Tops?!?!*

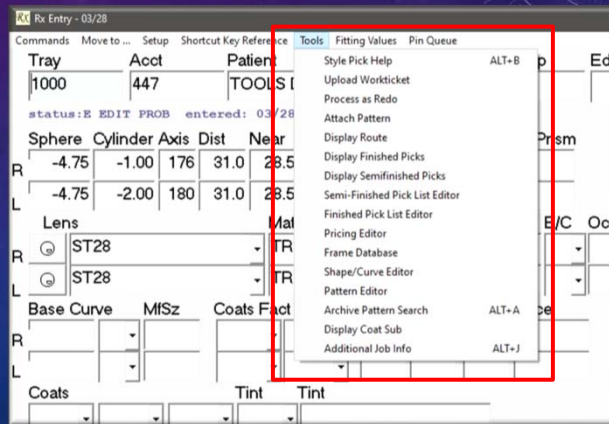


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# RX ENTRY

## Tools window

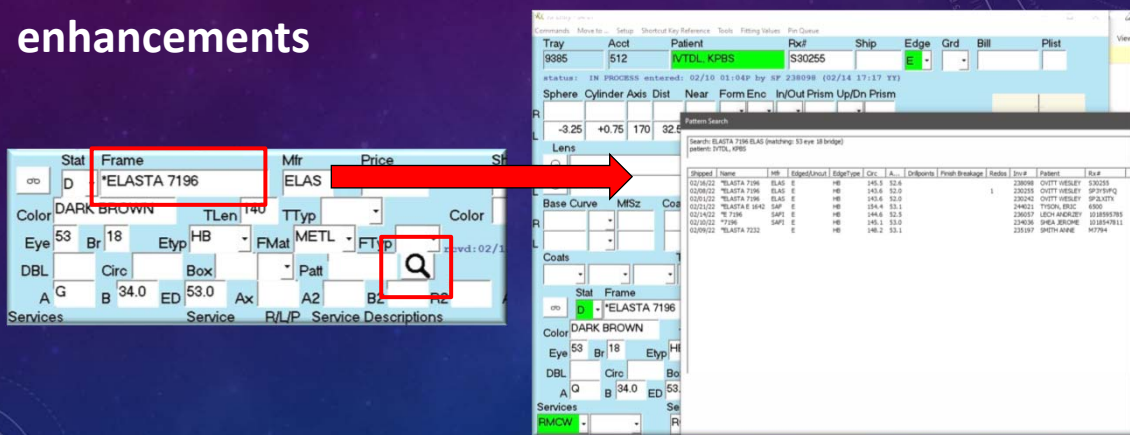
- Process as Redo
- Pattern editor
- Archive pattern search
- Display coat sub
- Additional job info



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# RX ENTRY

## Archive frame search enhancements



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# RX ENTRY

## Archive frame search enhancements



Pattern Search

Search: ELASTA 7196 ELAS (matching: 53 eye 18 bridge)  
patient: IVTDL, KPBS

Shipped	Name	Mfr	Edged/Uncut	EdgeType	Circ	A...	Drillpoints	Finish Breakage	Redos	Inv#	Patient	Rx#
02/16/22	*ELASTA 7196	ELAS	E	HB	145.5	52.6				238098	OVITT WESLEY	S30255
02/08/22	*ELASTA 7196	ELAS	E	HB	143.6	52.0			1	230255	OVITT WESLEY	SP3Y5VFQ
02/01/22	*ELASTA 7196	ELAS	E	HB	143.6	52.0				230242	OVITT WESLEY	SP2LXITX
02/21/22	*ELASTA E 1642	SAFI	E	HB	154.4	53.1				244021	TYSON, ERIC	6500
02/14/22	*E 7196	SAFI	E	HB	144.6	52.5				236057	LECH ANDRZEY	1018595785
02/10/22	*7196	SAFI	E	HB	145.1	53.0				234036	SHEA JEROME	1018547811
02/09/22	*ELASTA 7232	E		HB	148.2	53.1				235197	SMITH ANNE	M7794

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# RX ENTRY

## Archive frame pattern comparison

- Compare archive pattern to newly traced pattern
- Returned for shape being off...but note that the new trace is identical to the old one



Tray Acct Patient Rxd Ship Edge Ord Bill Plist  
9383 585110 KZEAD QUK D14885

Sphere Cylinder Axis Dist Near Form Enc In/Out Prism Up/Dn Prism  
R -0.75 -1.75 89 58.0  
L -1.00 -1.50 83 58.0

Pattern Compare

Current Pattern Archive Pattern

Shape/Te  
A1 G  
Bill To 978000  
Frame Status D  
Instruction  
Job Type (Edge) E  
Patient LOVING, JANIC  
Price List VC  
Service  
Current:

Patterns RedoHist Close

PATTERNS ARE IDENTICAL

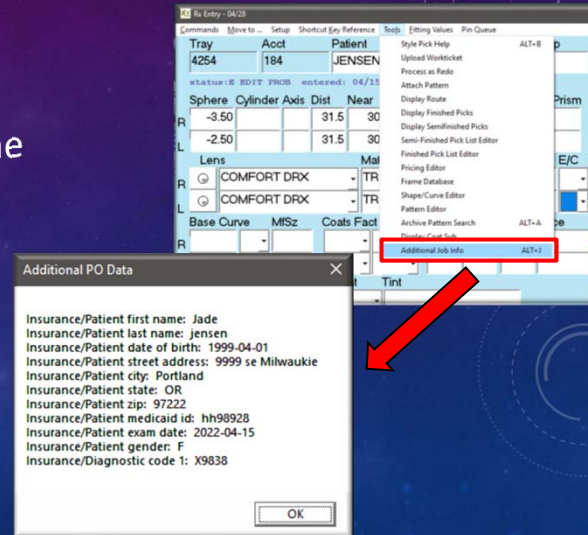
SHAPE IS OFF - COMPARE TO DEMO

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## RX ENTRY

### Additional job information display (Alt-J)

- Additional data attached to the incoming job from external systems
- Requires collaboration (IE Programming)
- Customizable and can report through Archive Report

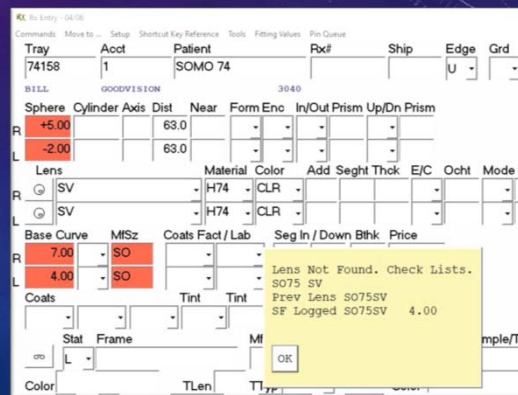


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## WARNINGS

### Lens not found enhancement

- Contains lens info on previous pick for fetched
- In this example, the job has a lens pick that was deleted after logging previous "Lens not found"
- Enables review and reporting on pick problems
- Isolates as an edit in the Combobulator



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## WARNINGS

### 3D Warning / tracing improvement

- Separate warning for right / left size differential
- Separate warning for frame / lens 3D bevel mismatch
- 3D check warning is shown when re-processing an edit problem

```
3D FIT! CK BASE?
frm curve: R=07.25 L=07.25
dvi 3d    R= 0.60 L= 0.60 ..continue? (y/n)
```

```
LEFT-RIGHT SIZE
difference= -0.70
..continue? (y/n)
```

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## WARNINGS

### 3D Warning / tracing improvement

- Parameter warning thresholds separated for zylo / metal

DVI Parameter Editor

File

Search: \_\_\_\_\_ Results: \_\_\_\_\_

lab name | WS22

layout

sag\_gauge

printing

require

cribbing

blocking

tracing

edging

order\_entry

edit frame colors	T
keep account field for next RX	False
warnings enabled	True
3D warning limit on metl	0.50
3D warning limit on Zyl	0.8
Rt / Lt diff warning threshold_metl	0.50
Rt / Lt diff warning threshold_zyl	0.7

lens\_selection

departments

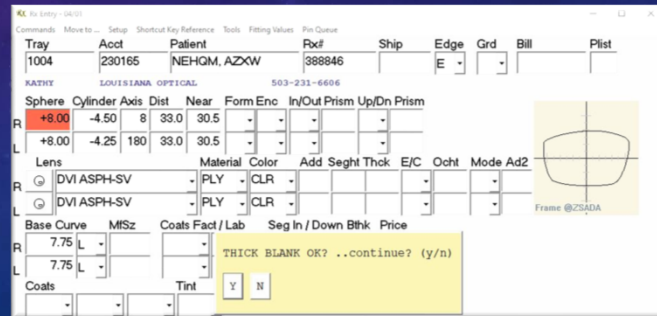
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## WARNINGS

### Enhanced warnings

- Thick blank warning at center of lens is a hard stop
- Warns but no longer stops on subcontracted jobs



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## WARNINGS

### Enhanced warnings

- Shows the amount of thickness that the lens is missing by
- Checks in multiple areas including the OC

THICK BLANK OK?  
 LensCt=11.93  
 BlnkCt=11.00  
 Need 1.92 at OC(o)  
 Rt  
 Specify Bthk>12.92 ..continue? (y/n)

**OD**

THICK BLANK OK?  
 LensCt=12.37  
 BlnkCt=11.00  
 Need 2.36 at OC(o)  
 Lt  
 Specify Bthk>13.36 ..continue? (y/n)

**OS**

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# WARNINGS

## Enhanced warnings

- Shows the amount of thickness that the lens is missing by

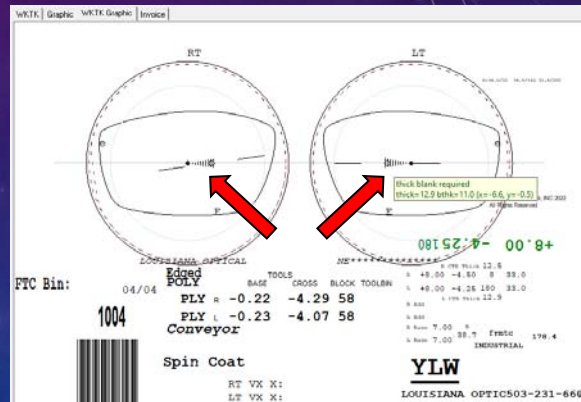
DEC	INSET	OC HEIGHT	SEG HEIGHT	THINEST	THICKEST	CTR THICK
9.0		19.3		2.5pi	11.6	12.5
<b>LENS STOCK</b>						
DVI ASPH-SV	88	ESn76	CLR	7.00f		+1.9
STYLE PLY/PLY						*TK*
DVI ASPH-SV	88	ESn76	CLR	7.00f		+2.3
<b>FRAME</b>						
WX TIDE						
<b>SURFACING</b>						
L	0.0	0.0	diq	4	0.58	74c 7.00 4.25
L	0.0	0.0	diq	180	0.58	74c 7.00 4.25
<b>1.80g</b>						
R	5.00<	-0.22	-4.29	13.2	26.8	+1.9 3.5 9.7
BLOCK	GEN BASE	GEN CROSS	GEN FRONT	GEN TK		*TK*
R	5.00<	-0.23	-4.07	13.6	26.8	+2.3 3.9 10.1

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# WARNINGS

## Enhanced warnings

- Work Ticket showing the area of the back surface that will not generate out

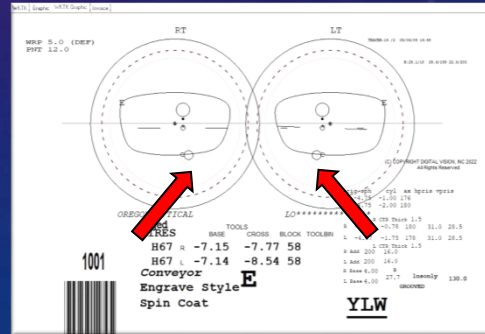
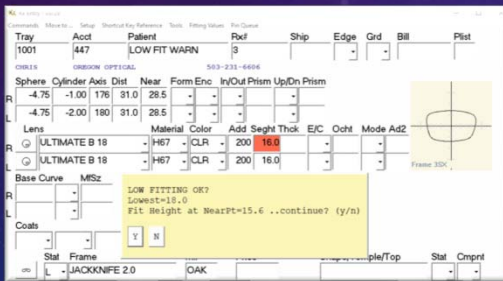


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# WARNINGS

## Enhanced warnings

"Low fitting" warning

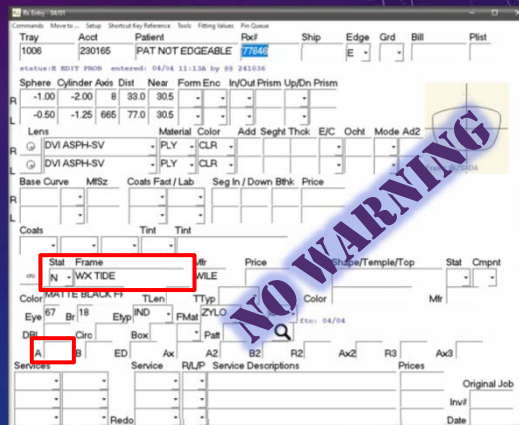


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# WARNINGS

## Enhanced warnings

- "Pattern Not Edgeable" warning is not shown on FTC (not received) or Uncuts
- Reduces warn frequency on FTC when using Frames Magazine Database

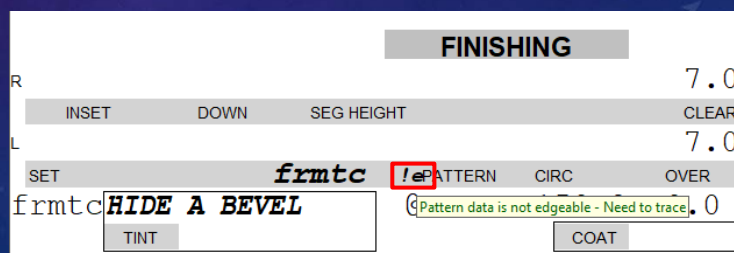


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## WARNINGS

### Enhanced warnings

- “!e” on the work ticket identifies a pattern as not edgeable

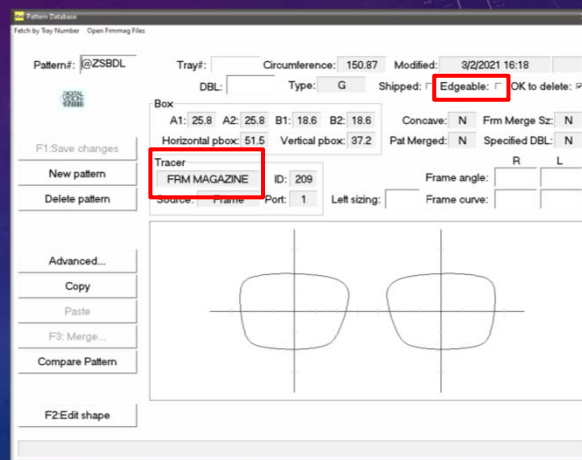


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## WARNINGS

### Enhanced warnings

- Pattern record



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## PROCESSING

- Mirror Coats Cribs match AR ring diameter setup
- Blank center processing of Essilor enhanced designs
- Thin at block detection for knife edge jobs
  - Conveyor routing
  - Job identification

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## PROCESSING

### ART Blocker

- Manual ART blocker support
- Adhesive volume calculation
- Params for minimum center / edge thicknesses
- Multiple block diameter and base curve support
- Dual ART blocker / Alloy support of digital vendors

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## PROCESSING

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### Slab Off Processing

- Enabled for IOT
- 2 pass “digital” slabs (block on axis 0)
- Split prism processing on all 2 pass slabs automatic
- One-pass / 2 cut digital slab on Schneider generators

L	D	5.0	-5.0	180c
		<b>-2.75g</b>		
R		3.02b	-7.16	-8.22
		BLOCK Δ	GEN BASE	GEN CROSS
L		0.30b	-3.25	-5.38
				6.0
R		-7.16	-8.22	1.06
		TOOL BASE	TOOL CROSS	TOTAL CYL
L		-3.25	-5.38	2.13
R:		-4.75	-5.0	<b>2.75g90</b>
		<b>SLAB HI s</b>		<b>0.48</b>

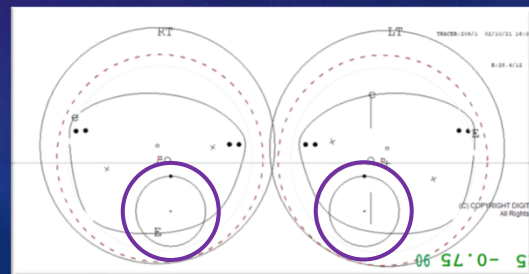
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## PROCESSING

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### DVI Add Enhancer

- Add digital rear side round segment on **cast** Multifocals or Progressives
- NOT available for DS designs
- Service Code Function 126



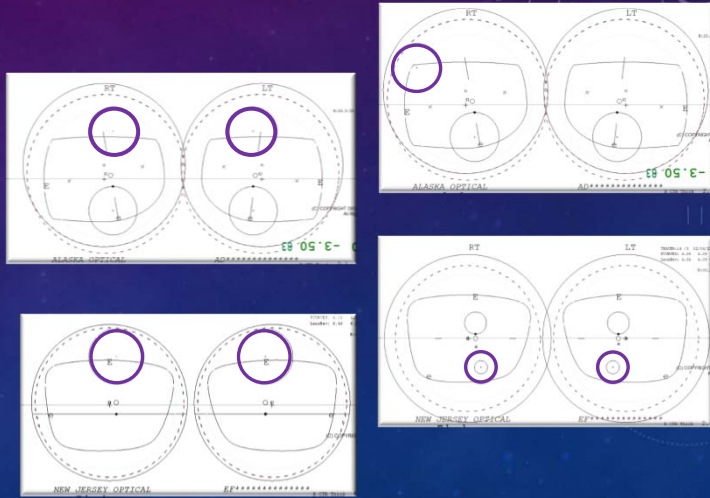
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# PROCESSING



## DVI Add Enhancer

- Stack with front add to create higher add powers
- Create different types of occupational lenses
- Easy to experiment



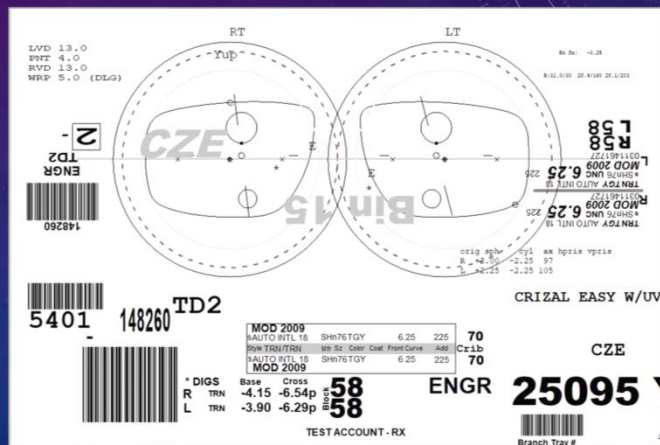
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# PROCESSING



## Work Ticket

- Customizable area expanded
- Object rotation for easier folded ticket reading

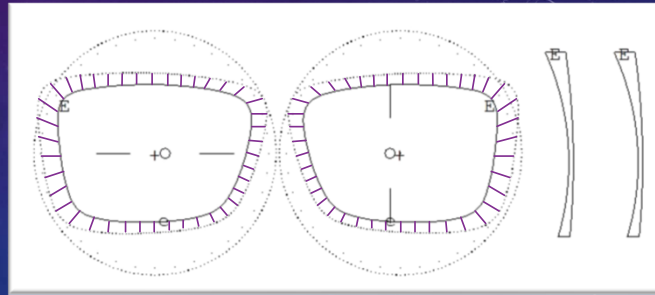


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## PROCESSING

### Work Ticket Display

- Peripheral lens thickness display in side-view graphic
- Rx Entry – F8, Graphic Tab



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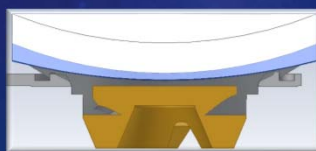
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## PROCESSING

### Work Ticket

- Essilor insert selection is displayed on work ticket
- Works with inserts from Precision Tool as well

SURFACING		
dig	270	358
CYL AXIS	Δ AXIS	BLOCK
dig	270	358



DVI Parameter Editor	
File	
Search:	Results: blocking big block diameter blocking big block stop limit blocking big block thin edge
lab name	WS22
<input type="checkbox"/> layout	
<input type="checkbox"/> sag_gauge	
<input type="checkbox"/> printing	
<input type="checkbox"/> require	
<input type="checkbox"/> cribbing	
<input type="checkbox"/> blocking	
big block stop limit	0.00
big block diameter	0
thin block thin edge	0.0
use Lah block inserts	True
Essilor block insert 1	3.8
Essilor block insert 2	0.3
Essilor block insert 3	-1.2
Essilor block insert 4	-2.2
Essilor block insert 5	-3.2
Essilor block insert 6	-4.2

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## PROCESSING



### LDS Digital Compensation on Work Ticket – *V indicator*

NEW MEXICO OPTICAL		: 505-23	
BILL:	970000	*REP*02/14	
POLY	-1.46	DVIRx	DIST
R	-1.36 v	-0.10	64
			30.5 29.0
			61.0 58.0
			30.5 29.0
			3.3
			2.1p

### Reprinted / DS Calc Combob bucket work tickets

- Updated to be more complete with true DS compensation
- Prints compensated Rx with 'v' next to prescription
- Setup Combobulator to catch and calculate DS jobs

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## PROCESSING



### Custom Work Ticket

- VX X/S block selection (L / R VX X/S block)

37 177104 TD2  
A&R

MOD 2002 VX X FIT TE VX 78 TBN 1.75 250 100 70  
Base T67/T67 Mir Sz. Color Coat Front Curve Add Crib  
MOD 2002 VX X FIT TE VX 78 TBN 1.75 250 100 65


\* DIGS Base Cross  
R T67 -6.96 -8.16  
L T67 -6.97 -8.43

CRIZAL SAPPHIRE  
Coat in House  
CZP

63x7-4 ENGR  
63x7-4


14926

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## MISC


- Substituted lens at stock room must meet lab's thickness configuration
- Tintable / Strippable shows on work ticket
- A lens change on a job with logged lenses requires current lenses to be unlogged before proceeding with the new lens
- 6 digit tray number support (tray # = invoice #)



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# THANK YOU



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