Making a G7 Plate from CURVE3 data.

Go to the administration tab in Calibration Manager and make a new Process Curve Set using the values from Curve 3 (see shots below).

| Occes Cupe Safer | Testforms Colors Configuration Device Context |
|------------------------------------|---|
| łame ⇔ | Status ⇔ |
| HD ISO 60 Paper types 1+2 positive | predefined |
| HD ISO 60 Paper type 3 positive | predefined |
| HD ISO 60 Paper types 4+5 positive | predefined |
| HD ISO 70 Paper types 1+2 positive | predefined |
| HD ISO NP | predefined |
| HD ISO 2014 Premium coated PS1 | predefined |
| HD ISO 2014 Wood-free uncoated PS5 | predefined |
| HD ISO 2014 Non-periodic | predefined |
| linear | user-defined |
| Linear | |
| MultiColor | Create (Multi) Process Curve Set |
| LinearCMYKOG | Create: |
| MulticolorCMYKRB | |
| Curve data from Meta | Process Curve Set |
| | O Multi Process Curve Set |
| | Name: data from curve 3 |
| | |
| lulti Process Curve Sets: | |
| Name 🕀 | |
| | predefined |
| HD ISO 60 | 1 million and a second s |

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| rs Configuration Device Context |
|---|
| |
| Create Curve: |
| Process Colors Color Set: C |
| O Spotcolor Name: |
| Browse Color Tables |
| Any (other) Spotcolor |
| Comment: |
| Create |
| |
| |
| |
| |

| Process Curve Sets | Print Pa | rameters | Testforms | Colors | Configuration | Device Context | |
|-------------------------|--------------|----------|-----------|--------|-------------------|----------------|---|
| Process Curve Set: data | a from curve | 3 | | | | | |
| Color Information | | Comment | | | Create Curve: | | |
| С | | | | | Process Color | s Color Set | - |
| M | | | | | 0 1100033 00101 | | - |
| Y | | | | | 🔾 Spotcolor | Name: | |
| К | | | | | | | |
| | | | | | Browse Col | orTables | |
| | | | | | 🔘 Any (other) Spo | otcolor | |
| | | | | | Comment: | | I |
| | | | | | | | - |
| | | | | | | Create | |

Open each color (double click per color).

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| Linear | ization Pro | ocess Calibra | tion Admir | nistration | i 3 | | | |
|-----------------------------|---------------------------------|---------------|----------------|------------|-------------|---------------|---------|-----------|
| Process Co | urve Sets | Print Parame | ters Testi | forms | Colors | Configuration | Devic | e Context |
| Process Cur Curve for Co | rve Set: data fro Ilor(s): C | om curve 3 | • | Testfor | m: undefine | d | | |
| Nor\inal% | Process% | 100 | | | enter va | lues from Cur | ve 3 in | |
| 0.0 | 0.0 | 90 | | | the proc | ess column fo | or each | |
| 5.0 | 5.0 | 80 | | | color. | | | |
| 10.0 | 10.0 | 70 | | | | | | |
| 20.0 | 20.0 | 0.9 | | | | | | |
| 30.0 | 30.0 | 00 | | | | | | |
| 40.0 | 40.0 | 50 | | ! | 2 | | | |
| 50.0 | 50.0 | 40 | | | | | | |
| 60.0 | 60.0 | 30 | / | / | | | | |
| 70.0 | 70.0 | 20 | | | | | | |
| 80.0 | 80.0 | 10 | | | | | | |
| 90.0 | 90.0 | 10 | / | | | | | |
| 95.0 | 95.0 | 0 | 10 20 3 | 0 40 | 50 60 7 | 0 80 90 100 | | |
| 100.0 | 100.0 | (| 🗌 Dot Gain | 🗌 Fine | Grid | | | |
| | | V | /iew: Selected | I Curve | | • | | |

After entering all the wanted calibration values from CURVE3 per channel click Apply / Save.

| | Linearization | Process Ca | libration Adm | ninistration | i ? | | Calibratic |
|-------|------------------------------|---------------|---------------|-----------------|-------------|---------------------------------|-----------------------|
| Calib | ration Group: 1 _. | _Sample Group | | | | | |
| € | Name | 🔶 Colors | ⊖ Screen S | ystem ⊖ Freq. | /Dot Size 🗦 | Process Curve Set \Rightarrow | Type of Printing Mate |
| | | | | | | | |
| | | | | | | | |
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| | | | 100 | | | | |
| | Open (| New | Copy | Remove | Export | Import Pi | int Close |

Go to the "Process Calibration" tab.

Click on "New" after going into the appropriate Calibration Group.

| Linearizat | ger (Expert Mode) ion Process Calibration Administration | i ? | Calibration Manager |
|-----------------|---|-----------------------------|---|
| Create New Cali | ibration Data Record (Process Calibration) for Calil | bration Group: 1_Sample Gro | up |
| alibration Data | Record: | Medium: | |
| lame: | New G7 Plate Curve | Name: | Simulation1030x790 |
| olor: | | Process Curve Set: | |
| Process Co | olor(s) | Name: | HD ISO 60 Paper types 1+2 positive |
| Color Set: | CMYK | Printing Parameters: | Digital PSD_2016 - glänzend gestrichen - |
| C Obe the | | Type of Printing Material: | CGATS.21-2_2015 - glossy coated - 2018(|
| | as: Cyan | Press: | MC-7c_021PanGrViolet_DG13_PT1BVS_ |
| Spotcolor | | Ink Series: | TOBI_ISO 12647-2_2007 FograWB - Glos: GMI_Target |
| | | Calibration Data Record P | Curve 4 g/ |
| | | One Calibration Curve | HD ISO 60 V |
| Any Spotcol | or | Measured Color(s). | CMY 🖛 |
| creening: | IS Classic | Number of Measurement (| Curves per Color: 1 |
| ot Oheney | | Front/Back: | Front and Back |
| Persolution | 2540 dni | Testform: | HD Default |
| coordinoff. | | | |
| requency: | 150 🔽 Ipi | | |
| | automatic 👻 | | |

Enter name of plate curve and select the "Process Curve Set" previously created (data from CURVE3).

Select the appropriate settings for the other parameters (Medium / Printing Parameters / Screening). * Note, if the workflow sequence is set to "use default data record" these parameters settings are not significent and ignored. Only the plate curve is used.

Click OK

| Calib | ration Manager (Expe | ert Mode) | | | | 0.000 | | | | | | |
|-------|--|-------------------------------------|---------------------------|-----------------------|---|---------|--|--|--|--|--|--|
| | Linearization Process Calibration Administration i ? | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Cali | bration Group: 1_Sar | mple Group | | | | | | | | | | |
| | Name 🌲 | $\textbf{Colors} \Leftrightarrow $ | Screen System \doteqdot | Dot Shape \doteqdot | $\textbf{Resolution} \mathrel{\ominus}$ | Freq./D | | | | | | |
| : | New G7 Plate | СМҮК | IS Classic | Smooth Ell | 2540 dpi | 150 lpi | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

Click on new curve to open.

| Data Record: New 67 Plate Curve Testform: HD Default Process Curve Set: Data from CURVE3 Color: Cyan Curve: (out of 1) Compare with Data Record: 0.0 0.0 | |
|---|-----|
| Nominal% Process% Measured% (out of 1) Compare with Data Record: Nominal% Process% Measured% 0.0 0 <t< th=""><th></th></t<> | |
| Nominal% Process% Measured% 90 0.0 0.0 0.0 90 5.0 5.44 5.0 90 10.0 10.88 10.0 90 20.0 21.7 20.0 70 30.0 32.37 30.0 60 40.0 42.83 40.0 60 50.0 53.0 50.0 60 60.0 62.83 60.0 40 70.0 72.37 70.0 30 90.0 90.88 90.0 20 95.0 95.44 95.0 10 100.0 100.0 100.0 100.0 | |
| 0.0 0.0 0.0 5.0 5.44 5.0 10.0 10.88 10.0 20.0 21.7 20.0 30.0 32.37 30.0 40.0 42.83 40.0 50.0 53.0 50.0 60.0 62.83 60.0 70.0 72.37 70.0 80.0 90.88 90.0 95.0 95.44 95.0 100.0 100.0 100.0 | 7 |
| 50 5.44 5.0 10.0 10.88 10.0 20.0 21.7 20.0 30.0 32.37 30.0 40.0 42.83 40.0 50.0 53.0 50.0 60.0 62.83 60.0 70.0 72.37 70.0 80.0 81.7 80.0 90.0 90.88 90.0 95.0 95.44 95.0 100.0 100.0 100.0 | |
| 10.0 10.88 10.0 80 20.0 21.7 20.0 30.0 32.37 30.0 40.0 42.83 40.0 50.0 53.0 50.0 60.0 62.83 60.0 70.0 72.37 70.0 80.0 81.7 80.0 90.0 90.88 90.0 95.0 95.44 95.0 100.0 100.0 100.0 | |
| 20.0 21.7 20.0 30.0 32.37 30.0 40.0 42.83 40.0 50.0 53.0 50.0 60.0 62.83 60.0 70.0 72.37 70.0 80.0 81.7 80.0 95.0 95.44 95.0 100.0 100.0 100.0 | |
| 30.0 32.37 30.0 40.0 42.83 40.0 50.0 53.0 50.0 60.0 62.83 60.0 40.0 72.37 70.0 80.0 81.7 80.0 90.0 90.88 90.0 95.0 95.44 95.0 100.0 100.0 100.0 | |
| 40.0 42.83 40.0 60 50.0 53.0 50.0 50 60.0 62.83 60.0 40 70.0 72.37 70.0 30 90.0 90.88 90.0 30 95.0 95.44 95.0 10 100.0 100.0 100.0 10 | |
| 50.0 53.0 50.0 60.0 62.83 60.0 70.0 72.37 70.0 80.0 81.7 80.0 90.0 90.88 90.0 95.0 95.44 95.0 100.0 100.0 100.0 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 | |
| 60.0 62.83 60.0 70.0 72.37 70.0 30.0 81.7 80.0 30.0 90.88 90.0 30.0 95.44 95.0 100.0 100.0 100.0 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 20 20 0 20 20 0 20 20 0 20 20 0 20 <td></td> | |
| 70.0 72.37 70.0 80.0 81.7 80.0 30.0 90.88 90.0 35.0 95.44 95.0 100.0 100.0 100.0 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 10 20 0 20 20 0 20 20 0 20 20 0 20 | |
| 80.0 81.7 80.0 90.0 90.88 90.0 95.0 95.44 95.0 100.0 100.0 100.0 0 10 20 30 40 50 60 70 80 90 | |
| 20.0 90.88 90.0 35.0 95.44 95.0 100.0 100.0 100.0 0 10 20 30 40 50 60 70 80 90 | |
| 20 20 100.0 100.0 100.0 100.0 100.0 0 10 20 30 40 50 60 70 80 90 | |
| | |
| 0 10 20 30 40 50 60 70 80 90 | |
| | |
| | 100 |
| 🗌 Dot Gain 🛛 🔲 Fine Grid | |
| View Measured Values | |
| Measured Values | |
| Curve(s): Measured Values (several colors) | |
| Process Values | |
| Process + Weasured Values | |
| ominal Values: Density: Calibration Curve action: | |

To view the final results of the new plate curve select "Calibration Curve" in View mode.

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| Calibration M | anager (Expe | ert Mode) | | | | | | |
|---------------|-----------------------|----------------|---------------|----------------------|----------------|----------------------------|---------|-------------|
| Linea | rization | Process Calibi | ation Adr | ninistration | i ? | | | Galibratio |
| | | | | | | | | |
| Color: Cya | i: New G7 Pla In 📘 | ate Curve 1e | stform: HD De | fault Process | of 1) 🗌 Comp | m CURVE3 pare with Data | Record: | |
| Nominal% | Process% | Measured% | Calibr.% | 100 | | | | / |
| 0.0 | 0.0 | 0.0 | 0.0 | 90 | | | | |
| 5.0 | 5.44 | 5.0 | 5.44 | | | | | |
| 10.0 | 10.88 | 10.0 | 10.88 | 80 | | | | |
| 20.0 | 21.7 | 20.0 | 21.7 | 70 | | | / | |
| 30.0 | 32.37 | 30.0 | 32.37 | | | | | |
| 40.0 | 42.83 | 40.0 | 42.83 | 60 | | 1 | | |
| 50.0 | 53.0 | 50.0 | 53.0 | 50 | | -K | | |
| 60.0 | 62.83 | 60.0 | 62.83 | 10 | | | | |
| 70.0 | 72.37 | 70.0 | 72.37 | 40 | / | | | |
| 80.0 | 81.7 | 80.0 | 81.7 | 30 | / | | | |
| 90.0 | 90.88 | 90.0 | 90.88 | 20 | | | | |
| 95.0 | 95.44 | 95.0 | 95.44 | 20 | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 10 | / | | | |
| | | | | 0 | | | | |
| | | | | 0 | 10 20 30 | 40 50 | 60 | 70 80 90 10 |
| | | | | | Dot Gain 📋 Fi | ne Grid | | |
| | | | | Vie | w: Calibration | Curve | | |
| | | | | Col | or(s): Cyan | | | |

See the "Calibr.%" column which is the final values for the new plate curve.

| campracion rianager (cripe | rt Mode) | | | | | |
|----------------------------|---------------|--------|-------------------------|-----------------------|---|-----------|
| Linearization | Process Cali | bratio | n Administratio | n i ? | | |
| | | | | | | |
| Calibration Group: 1_Sar | nple Group | | | | | |
| Name 🍦 | Colors | € | Screen System \exists | Dot Shape \doteqdot | Resolution \doteqdot | Freq |
| New G7 Plate | CMYK | | IS Classic | Smooth Ell | 2540 dpi | 150 |
| \smile | | | | | | |
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| Range of Selected Calibra | ation Data Ri | ecord: | | | | |
| 📃 All Screen Systems A | м | | All Dot Shapes | 🗌 All Resolutio | ins | |
| IS Classic | | Sr | nonth Ellintical | | Minimum: | Ma |
| 10 0103510 | | | noon Empireur | | | |
| | | | | | 0.1.0 - Juli | . 0 |
| | | | | | 2540 💌 dpi | |
| | | | | | 2540 💌 dpi | ies |
| | | | | | 2540 💌 dpi | ies M |
| | | | | | 2540 💌 dpi | ies Ma |
| IS Y fine | | R | | | 2540 ▼ dpi □ All Frequenc Minimum: 150 ▼ lpi | ies Ma |
| IS Y fine | • | R | ound | • | All Frequenc All Frequenc Minimum: | ies Ma |
| IS Y fine Restore Ap | PIV F | Reset | Dund | - | All Frequenc All Frequenc Minimum: 150 V Ipi | ies Ma |
| IS Y fine Restore Ap | Ply F | Reset | Dund | | All Frequenc All Frequenc Minimum: 150 V Ipi | ies Ma |
| IS Y fine Restore Ap | ply F | Reset | Dund | • | All Frequence | ies Ma |
| IS Y fine Restore Ap | ply F | Reset | opy Remov | e Exp | 2540 ♥ dpi All Frequenc Minimum: 150 ♥ lpi prt Impo | ies Ma |

Select the play button to activate plate curve. The new curve is now ready to be added to the Output sequence in the Prinect workflow.