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3/1/2008	Section 5	36 - 41
3/1/2008	Section 7	45 - 48
3/1/2008	Section 8	Pages from previous version deleted
7/15/2008	All Sections	All Pages
10/29/2008	Section 7	45 - 48
11/4/2008	Section 8	57 - 60



Policy

Statement of Corporate Policy

The proper management of the color process throughout the supply chain is critical to the success of our brands. Color development and execution will be measured by timely and accurate selection and reproduction, controlled from color standards development through bulk production, with clear expectations and accountabilities for MMG, for suppliers, and for mills.

The use of color standards and their associated reflectance information is a critical part of Macy's color management program. Color standards required to complete lab dip submittals must be purchased from color standards providers (CSPs). Though Macy's provides reflectance information in the form of a .qtx file with our lab dip request, this file and the associated physical reference swatch are owned by the CSP and must be purchased by the MMG supplier directly from the CSP.

Objectives & Highlights

Through continuous training and development; incorporation of best practices and available technology; supplier selection & education; and performance reporting; MMG will maintain a competitive advantage by:

- Developing superior product through increased color consistency and reproduction quality
- Reducing color approval lead-times enabling shorter development windows
- Reducing direct and indirect costs associated with late development, e.g. cancellations, discounts, charge-backs and air freight costs.

MMG's final color approval determination will be made instrumentally with visual confirmation for "Spectro-actionable" submittals and will be visually evaluated for all other submittals. Spectro-actionability is determined by fabric appearance and texture, established color evaluation tolerances and quality of submittal for approval.



Policy

Macy's Brands that participate in Macy's Color Management Program

Except where noted, the policies and procedures in this manual apply ONLY to brands that participate in Macy's Color Management Program. These brands are:

- Karen Scott
- JM Collections
- Men's INC

Other Macy's brands, which require the purchase of Color Standards and use instrumental approval, but do not communicate an LDR generated through the Color Management System are:

- Style and Co
- Tasso Elba

Macy's brands, which require purchase of Color Standards, but use visual evaluation are:

- Childrens' Brands: Green Dog Boys, Green Dog Girls, and Green Dog Infants, Epic Threads, Charter Club Dresses, First Impressions
- Charter Club-RTW
- Alfani - RTW
- American Rag - Young Mens

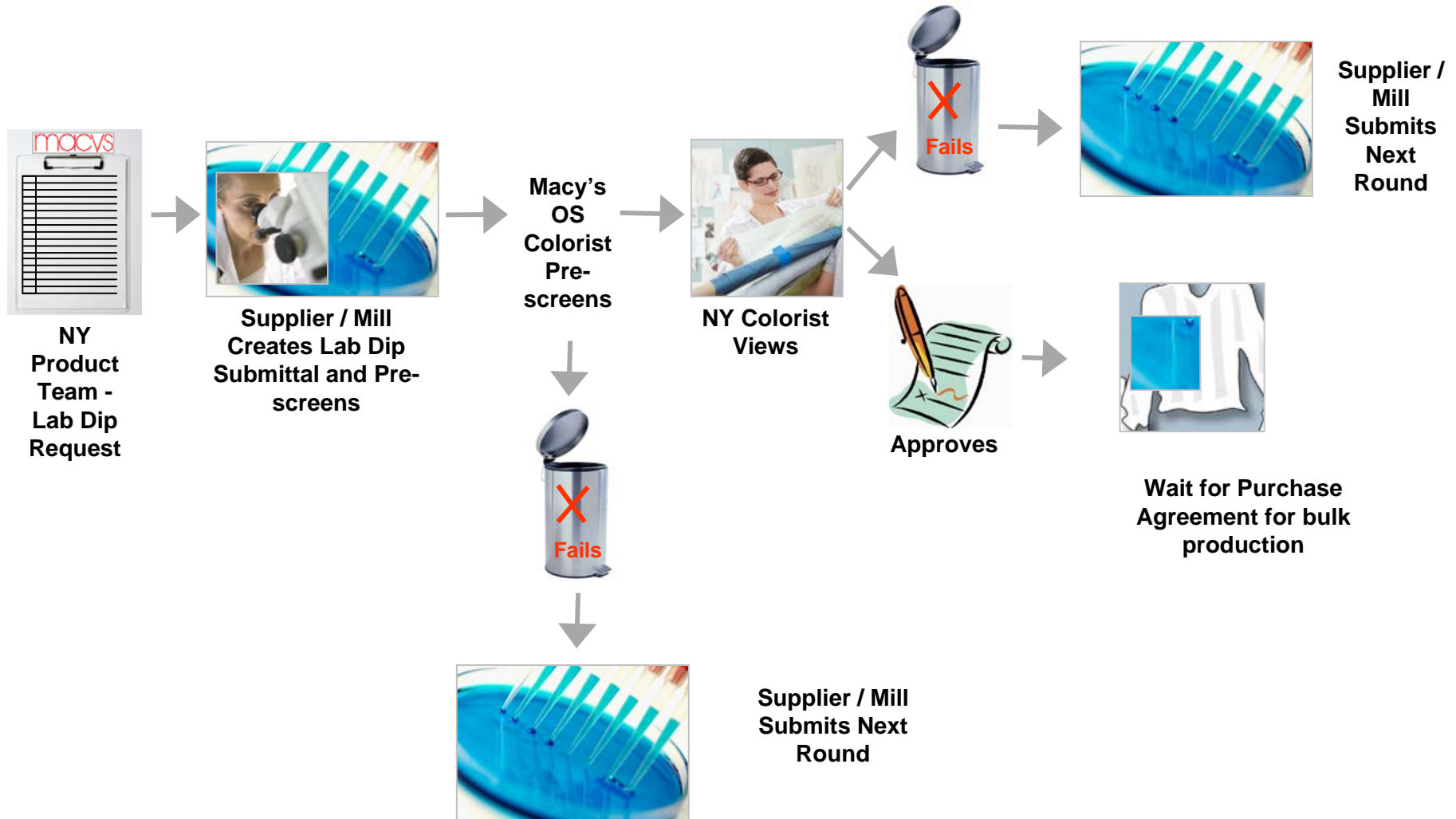
Section 8 of this manual applies to those brands.

The remaining Macy's brands do not use CSP available engineered color standards for color approval.

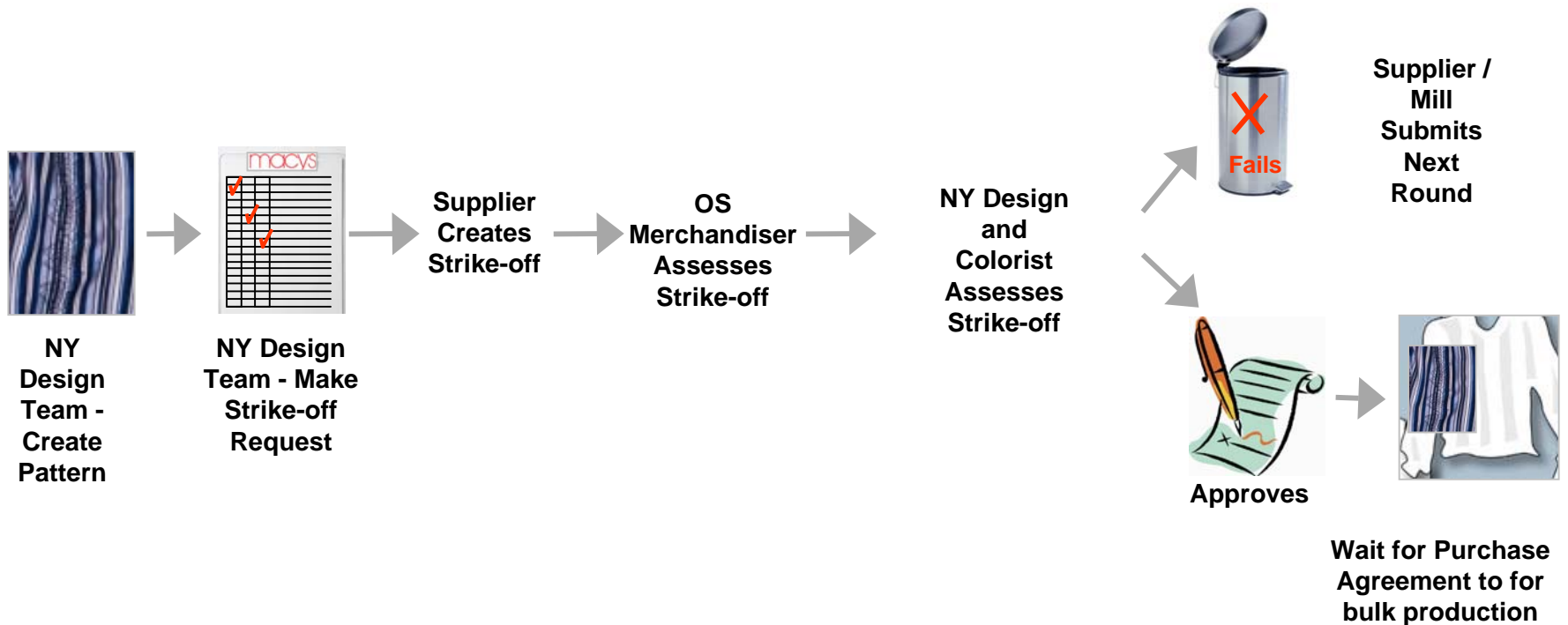
Color Approval Activities	Days for Completion
Single Color Lab Dip Creation 1st Round	28
LDR sent to supplier	0
Receive physical standard from color standard service	5
Supplier/ Mill Creates Lab Dip	14
Transit time to Macy's Overseas Office	2
Pre-screen Macy's Overseas Office	1
Transit time to Macy's NY Office	4
Provide feedback - accept/ reject	2
Single Color Lab Dip Creation - Round 2 and Additional Rounds	16
Color comments to supplier	0
Supplier/ Mill Creates Lab Dip	7
Transit time to Macy's Overseas Office	2
Pre-screen Macy's Overseas Office	1
Transit time to Macy's NY Office	4
Provide feedback - accept/ reject	2
Bulk Dyeing	29-54
Bulk Authorized - Purchase Agreement issued and Lab Dip has been approved	0
Supplier / Mill Creates Bulk Sample	20-45*
Transit time to Macy's Overseas Office	2
Pre-screen at Macy's Overseas Office	1
Transit time to Macy's NY Office	4
Provide feedback - accept / reject	2

*Depends on type of dyeing process, and other factors.

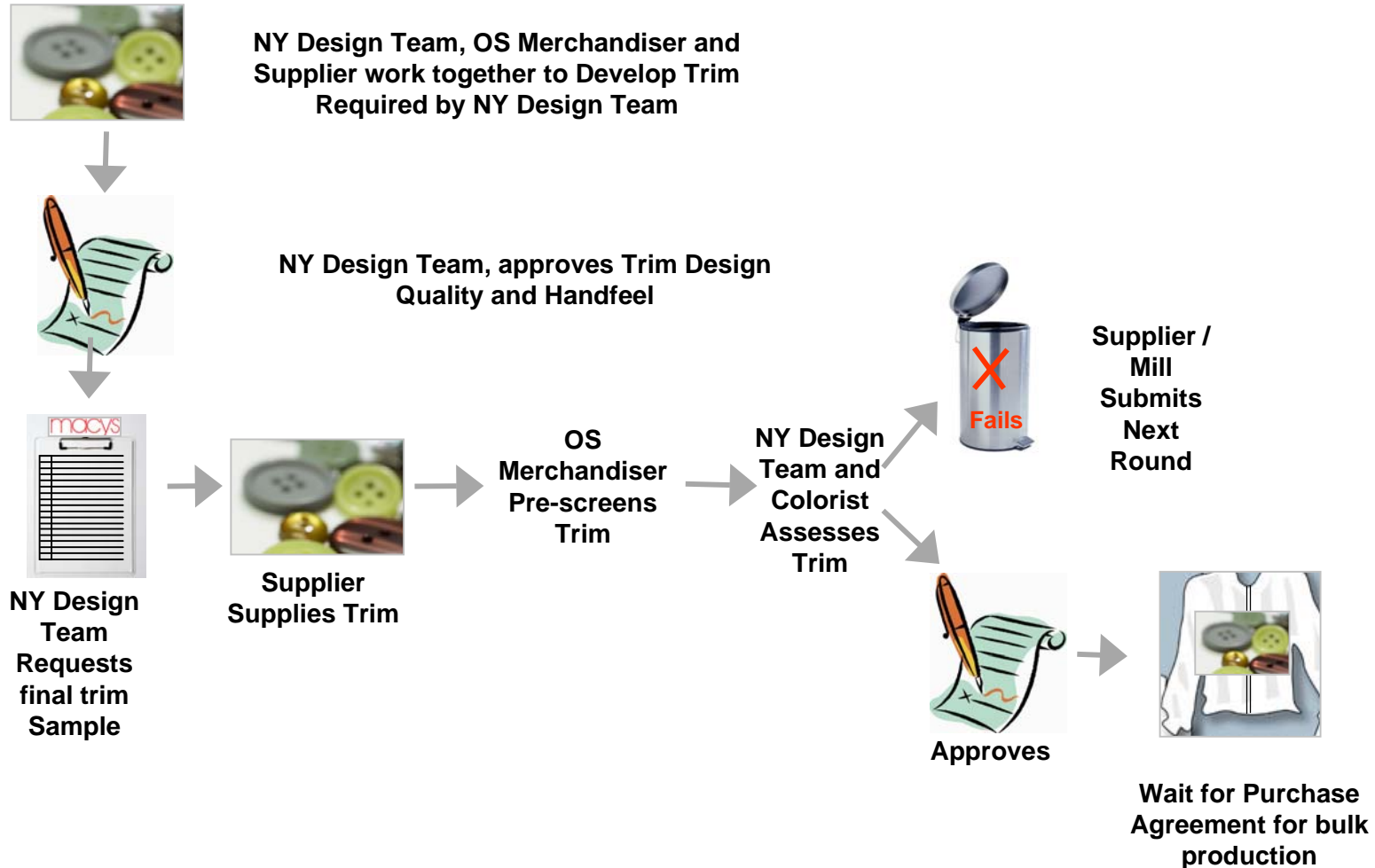
Lab Dip: New solid color on new fabric



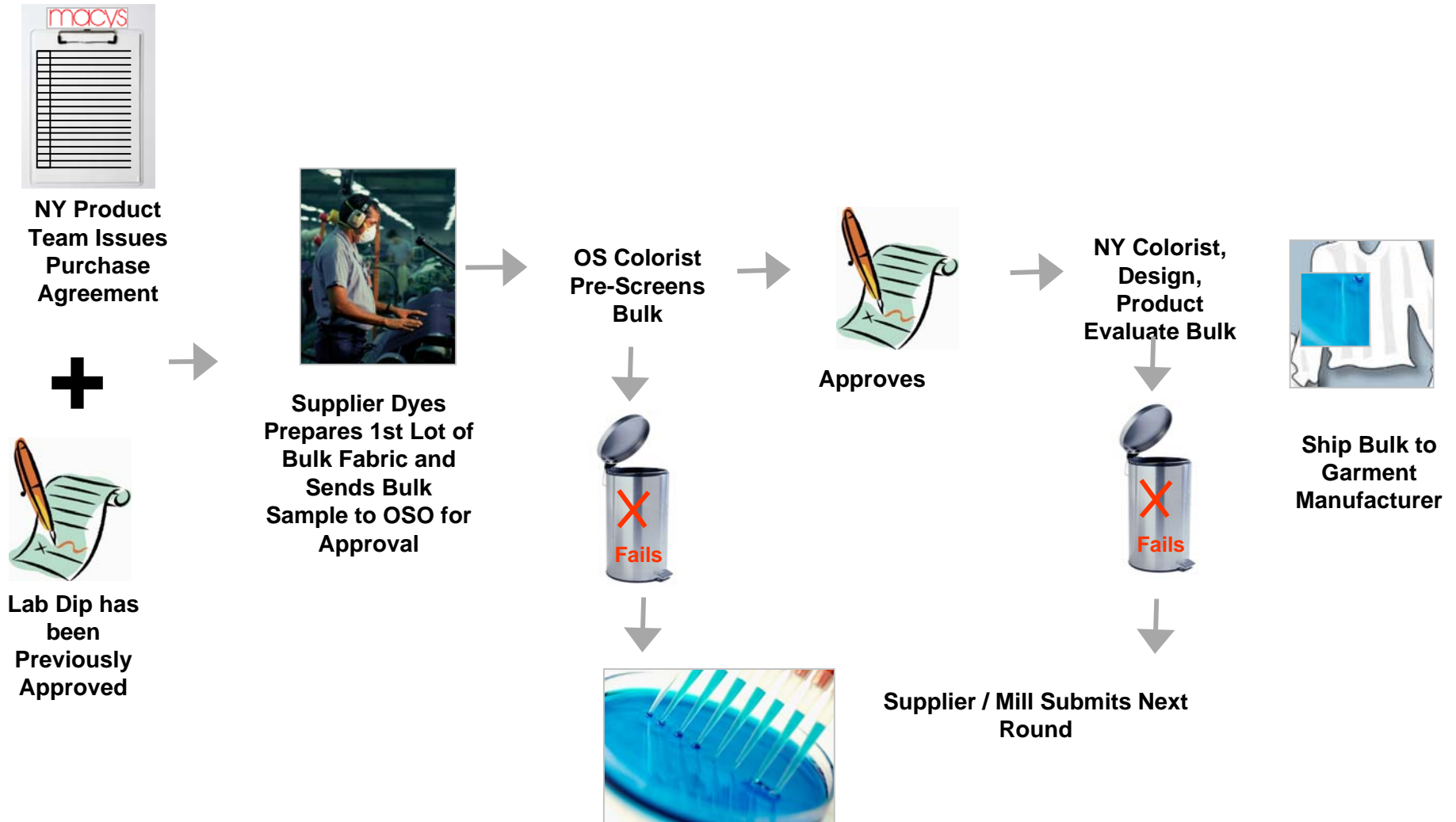
Create pattern and request a strike off



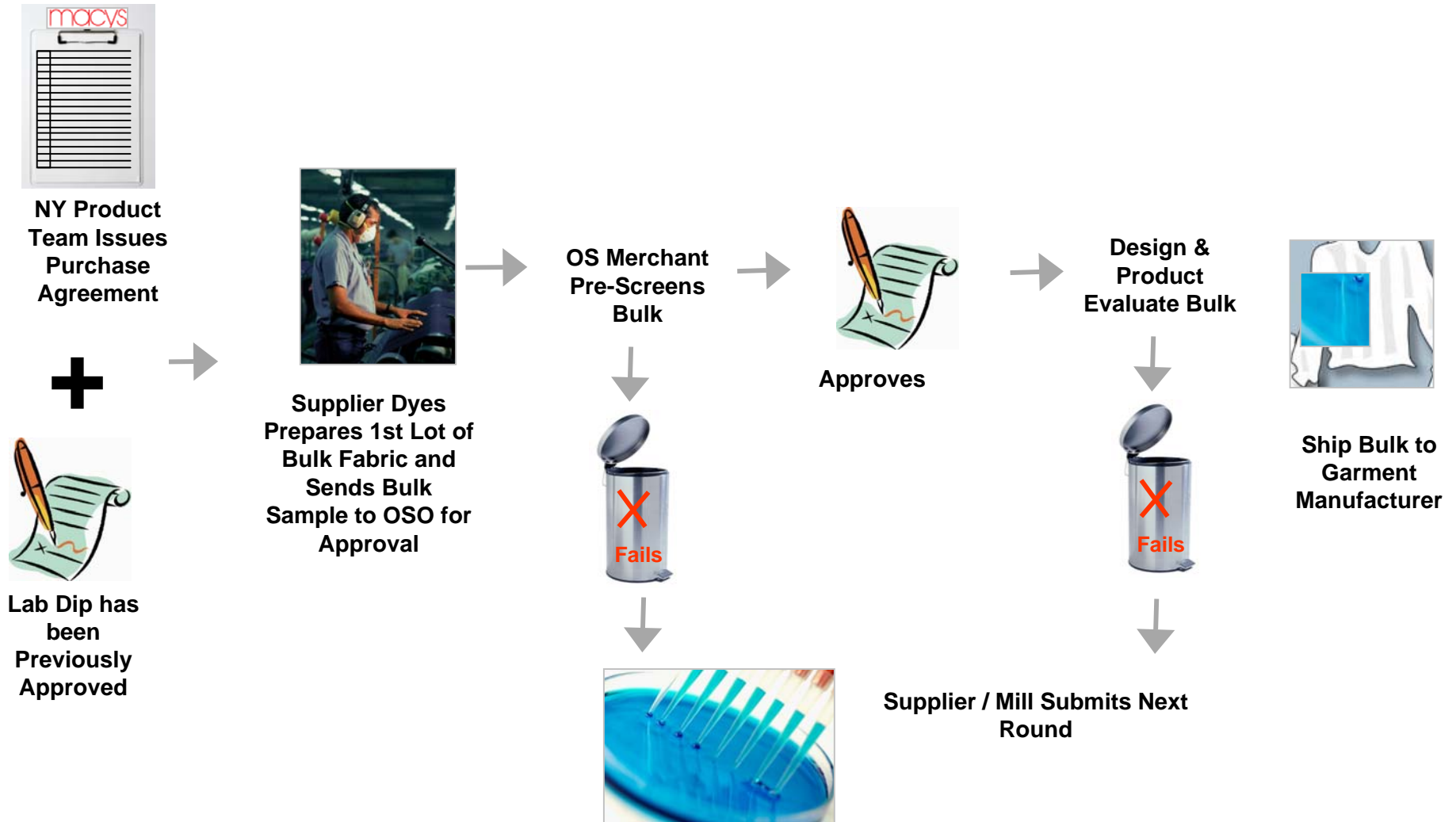
Develop Trim, Request final trim sample



Dyeing Solid Bulk Fabric



Pattern Bulk Submittal



Tolerances

Lab Dyeing

DEcmc: < 0.8

To Color Standard

Metamerism

for D65

DEcmc: < 1.2

To Color Standard

Bulk Production

DEcmc: < 1.0

To Color Standard

(Best Can Do - To Approved Lab Dip)

Guidebook for Color Approval

This section contains general visual and instrumental assessment procedures for use in reviewing solid color fabrics. These methods have been specified to provide a common method for color evaluation.

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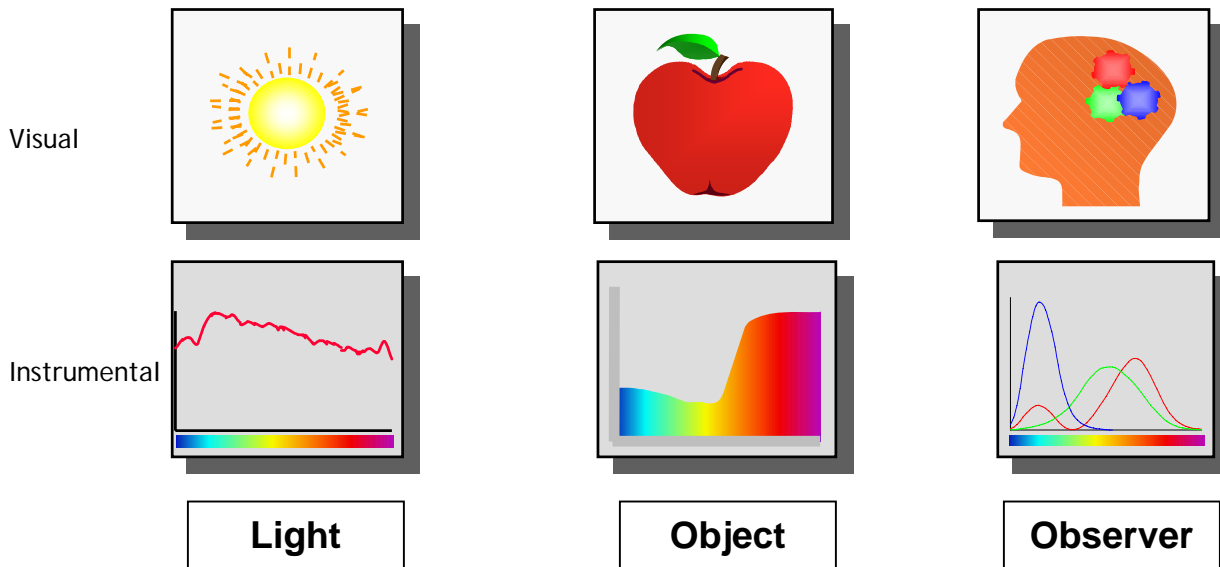
Guidebook for Color Approval

1. COLOR AND COLORIMETRY

Color perception is subjective, however, a basic understanding of the principles of color will help communicate and evaluate color in more objective ways.

The following diagrams and text provide a summary of the fundamentals of color and colorimetric descriptions.

- Color is a **perception**, which occurs in the brain.
- Color is a **perception** by an **observer** of **light** that has been modified by an **object**.
- We can describe the source of light, objects and observers numerically:



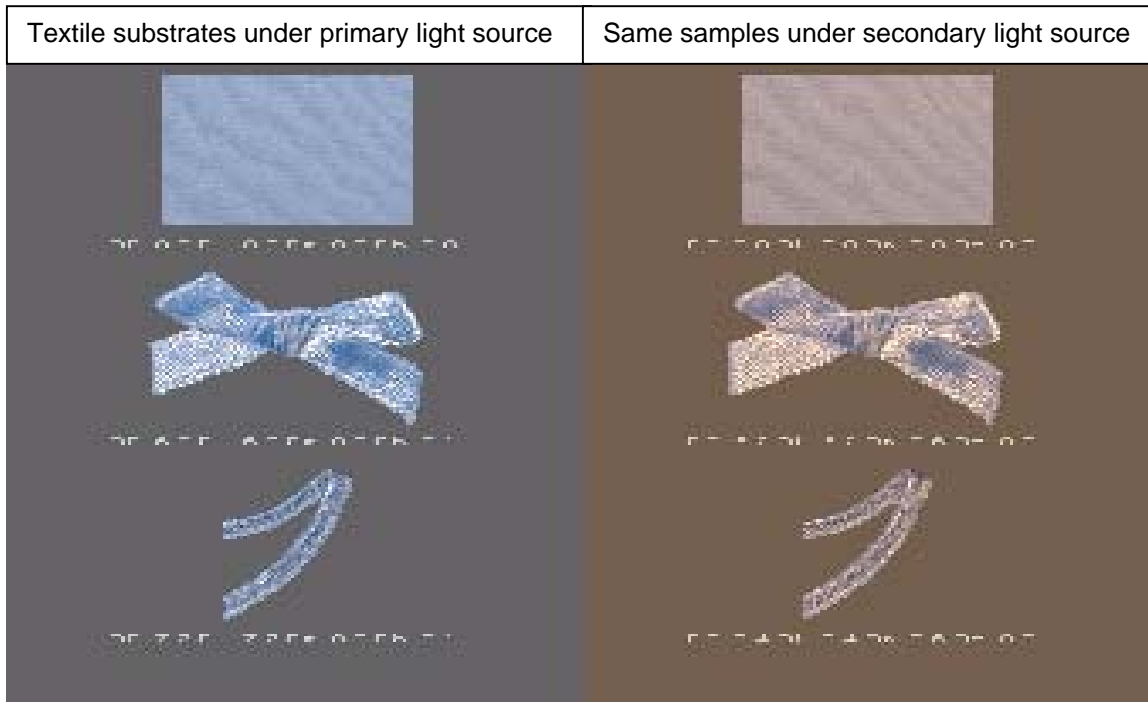
1.1 The Effect of the Light Source and Illuminant

All color originates in the spectral characteristics of the light that illuminates an object. We "see" the result of the interaction between the incident light and the object.

Definitions:

- Light source provides the light for viewing a sample.
- Illuminant is the numerical description of a light source used for instrumental assessment.

Guidebook for Color Approval



Macy's checks color under three light sources to identify and minimize metamerism that may exist in related merchandise. **Metamerism** occurs when two samples match in one lighting condition, but do not match in another condition. A dye formula correction is required. All colors matches should be confirmed in UL3000, D65 and Inc A.

1.2 The Effect of the Object

The object is the textile being evaluated. When light strikes an object, several possible light-object interactions may occur:

- Certain portions of the incident light may be **reflected** from the object (glare).
- Light may be **absorbed** by the texture, dyes, and pigments.
- Light may be **scattered** by the substrate.
- Light may be **transmitted** through the sample (transparency).

These light-object interactions determine the color we perceive for an object under a specific light source.

MACY'S recognizes that some fabrics, due to texture, do not allow for "repeatable" spectrophotometer measurements. When the spectrophotometer reading of a submittal cannot be repeated to $DE_{CMC} < 0.2$ the fabric is "not-spectro-repeatable" and visual assessment must be used to evaluate the lab dip against the physical standard to determine a color match.

Guidebook for Color Approval

1.3 The Observer

The observer is the person viewing the light-object interaction. This aspect of human perception has been numerically determined for average normal color vision called "The Standard Observer."

Since variations in color vision exist, all color decision-makers should achieve a superior rating for color vision using the Munsell 100 Hue Test.

2. COLOR COMMUNICATION

Effective color communication is an important part of color control. Without standardization, describing visual differences can be confusing. Therefore, MACY'S will describe color in terms of internationally accepted systems.

The International Commission on Illumination (CIE) describes the three dimensions of color as **Lightness (L^*)**, **Chroma (C^*)**, and **Hue (H^*)**.

By using the CIE standard terminology, MACY'S is in accordance with the procedures and test methods of the American Association of Textile Chemists and Colorists (AATCC) and the American Society for Testing and Materials (ASTM).

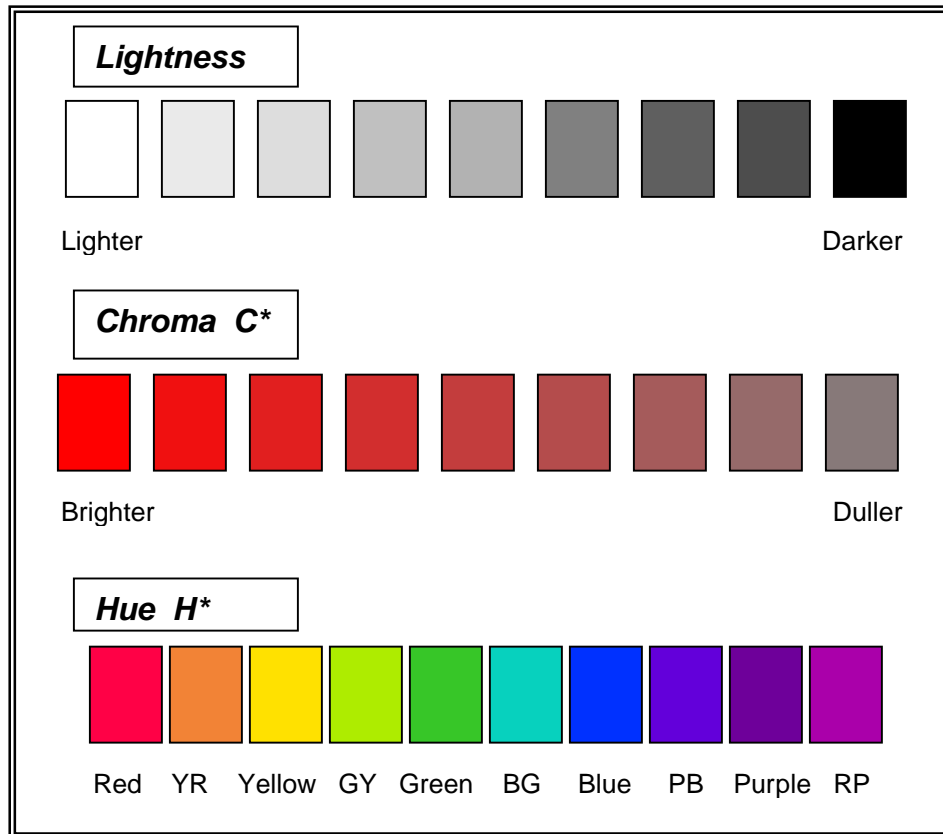
2.1 Terminology and Color Descriptions

Lightness (L^*) represents the dimension of lightness or darkness for a color. Lightness L^* is also referred to as Value.

Chroma (C^*) represents the degree of purity or neutrality. It is a measure of the distance of the color from neutral gray. As hue is added, the color becomes brighter, more intense. Samples with low chroma, such as white, gray, or black are called achromatic. The medium of the colorant (dye, pigment) affects the purity of a color; therefore, chroma defines the color range or gamut attainable in a particular dye class or pigment.

Hue (H^*) is the shade or cast of a color such as red, orange, yellow, green, blue, and violet. CIELab space is divided into four hues, Red-Green, Yellow-Blue.

Guidebook for Color Approval



Color Terminology

Using the CIE system for communication, direction of color differences may be communicated as follows, where "d" refers to color difference.

dL^* = difference in lightness/darkness; The submittal is...

+ dL^* = Light

- dL^* = Dark

dC^* = difference in brightness/ dullness; The submittal is...

+ dC^* = Bright / Pure

- dC^* = Dull / Neutral

Guidebook for Color Approval

dH* = difference in cast or shade	+dH*, -dH*
<u>Basic Shade</u>	<u>Comment:</u> The submittal is...
Yellow	green or red
Orange (YR)	red or yellow
Red	yellow or blue
Violet or Purple	red or blue
Blue	green or red
Blue Green	green or blue
Green	blue or yellow
Brown	yellow or red
Grey	red, blue, green, or yellow
Black	red, blue, green, or yellow

Of the three dimensions, Hue is the most important. Chroma is next in importance. Comments will indicate both magnitude and direction of the color difference. Magnitude of change will be given using the following guidelines.

Reference: slightly (dE between 0.50-0.99)
 moderately (dE between 1.00-1.49)
 very (dE between 1.50-2.00)

3. COLOR EVALUATION - VISUAL ASSESSMENT PROCEDURES

Visual assessments should be performed using a standardized lighting cabinet. MACY'S specifications:

Booth:	X-rite Spectralight III
Lamp Replacement:	Annually
Primary Source:	Ultralume 3000
Secondary Sources:	D65, IncA

When using the specified light cabinet, the following guidelines should be used:

- The cabinet surface must be clear of other samples.
- The observer should allow 20 seconds of adaptation to the light source in the cabinet. When changing from one light source to another, the observer should allow 20 seconds of adaptation before making judgment.

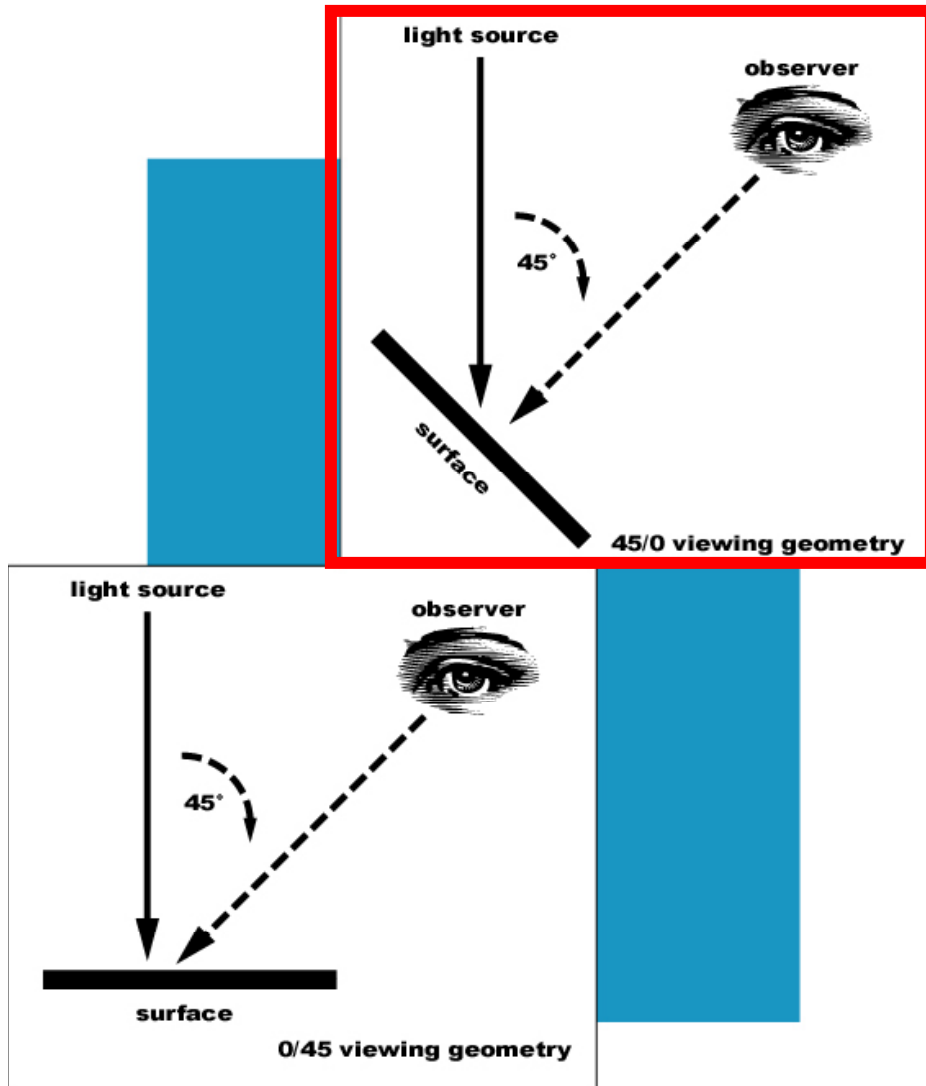
Guidebook for Color Approval

- The standard and the sample must be aligned next to each other with their edges slightly touching (see figure below).
- The standard and the sample must be aligned in the same direction with respect to weave, knit stitch, or other textures.
- The standard and sample should be folded as many times as necessary so that the sample is opaque. Usually two or four layers will allow for this.
- The standard and the sample should be illuminated from directly overhead and observed at an angle as shown in the top figures on the next page. The one in the **RED** box is preferred in the diagram on the next page.
- Any additional light source outside the light booth in the viewing area should be eliminated or turned off, when viewing colors for approval. If a shadow is visible inside the light box, when the lights are off, then there is too much ambient light from outside sources.



Sample Orientation Diagram

Guidebook for Color Approval



Visual Color Assessment Using the Light Cabinet

Guidebook for Color Approval

4. COLOR EVALUATION -INSTRUMENTAL PROCEDURES

MACY'S will use instrumental measurement with a Datacolor 600 or SF600+CT spectrophotometer and Tools QC software. Spectrophotometers are more efficient and objective than visual assessment, because they provide repeatable and precise evaluation. This provides reliable color approval by numerical tolerancing.

In order to insure the best possible agreement among measurements, the following configuration is specified for fabric samples:

Color Difference:	CMC (2:1)
Specular Component:	Included
UV component:	UV Calibrated (AATCC Procedures) For Fabrics with UV component, use UVexcluded (400) For Whites, use UV Calibrated
Illuminants:	UL3000, D65, IncA
Observer:	10 degree (1964)
Aperture:	LAV preferred, MAV minimum
Sample Preparation:	Folded until opaque (no light passes through), usually 2-4 layers
Green Tile:	Checked with each calibration
Measurements:	Average of 4 readings with 90 degree rotation <i>and</i> re-positioning between measurements

4.1 Spectrophotometer Maintenance and Calibration

- The 600 or SF600+CT spectrophotometer must be calibrated at least every 8 hours.
- Perform the "BCRA Tile" check on a weekly basis.
- The 600 or SF600+CT spectrophotometer should be re-calibrated annually using the Spectral Test service from Datacolor.
- The white tile should be clean and free of scratches.
- The correct white tile calibration file MUST be loaded.

Guidebook for Color Approval

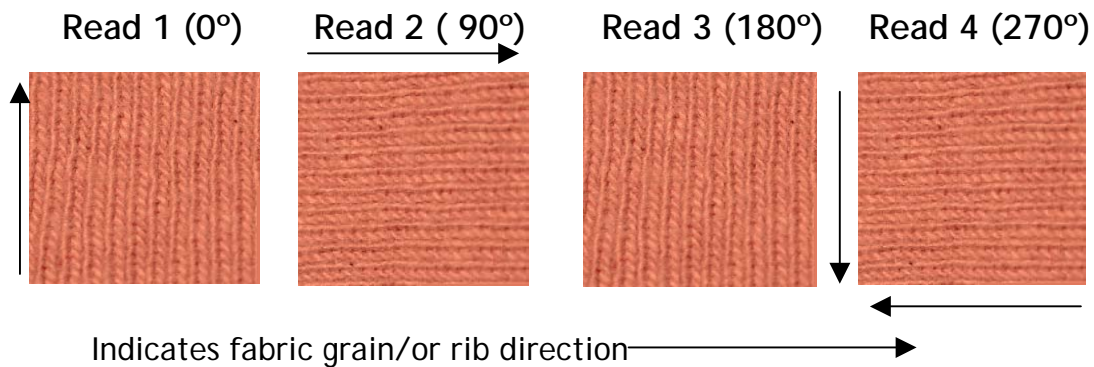
- The black trap should be free of dust.
- All calibration materials should be stored in the original closed case when not in use.
- Ensure that the inside of the sphere is clean and free of lint.
- Keep records of all maintenance, service and calibrations.
- **The supplier must purchase the AATCC white fabric to calibrate the spectrophotometers for UV Calibrated setting.**

4.2 Sample Size, Presentation and Handling

- Fabric swatches for measurement are to be folded until they are opaque. Two (2) layers may be suitable for most fabrics, however, sheer or translucent fabrics may need to be folded twice to form four (4) or more layers for measurement.
- For any measurement, make sure the sample is not protruding into the sphere.
- Remove any obstructing items from all samples to be measured. Labels and backing will influence the measurements leading to inaccurate data.
- Check alignment to be sure the aperture port is entirely covered by the sample.
- Ensure the commercial front or “face” is facing the aperture port.
- Ensure that the sample is flat and not under tension.
- Ensure that the sample completely covers the aperture.
- **Required size is a minimum of 2.5" x 2.5" .**

4.3 Measurement and Orientation of Samples

- Take four (4) measurements on the fabric, rotating the fabric 90°.
- Reposition the fabric to a different spot between each measurement.
- Orient with respect to the texture of the swatch with measurements taken at the 0°, 90°, 180°, 270°.
- Four measurements are automatically averaged by Tools QC.



Guidebook for Color Approval

4.4 Instrumental Tolerances

- DE (CMC) with an l:c ratio of (2:1) is the specified color difference equation.
- Samples that have color differences from the standard, which are higher than of the specification are unacceptable.
- Corrections should be made to achieve a color match to MACY'S tolerances:
 - $DE_{CMC} : < 0.8$ for lab dips
 - $DE_{CMC} : < 1.0$ for Bulk.
- In the event that it is not possible to produce a match within these tolerances, it is necessary to mark "BEST CAN DO" on the lab dip submittal form.
- A printout of the mill spectrophotometer readings must be included with the lab dip submittal. The print out should contain:
 - Instrumental Settings (specular included, UV, and aperture size)
 - Illuminants
 - DE_{cmc} , DH_{cmc} , DC_{cmc} and DL_{cmc}
 - Absolute values for standard in UL3000 ($L^*a^*b^* C^*h^*$).

5. COLOR STANDARD SELECTION AND DISTRIBUTION

5.1 The Design Teams develop color palettes at the beginning of the season. After a color has been selected as a standard, the Color Standards Provider (CSP) makes the color standard available for sale on their website and provides the reflectance data (digital standard) in QTX file format upon order confirmation. This measurement and the physical sample become the "master" digital and visual standard. All instrumental evaluations are made against the master digital standard. The physical standard is a reference for visual evaluation.

All official color standards must be purchased directly from the CSP. The CSP information for the purchase will be provided with the color palette or the lab dip request.

All official color standards for MACY'S are clearly labeled with the Color Name and HLC Number.

5.2 Standards Storage

Color standards from fabric and yarn are not stable.

- They should be stored in a dark cabinet to avoid fading due to light exposure.
- If handled frequently, oils on hands will cause color change.
- Color on textiles will also age, due to dye degradation.
- Moisture content is also a factor in color change of the standard. It may be necessary to have samples conditioned.

Guidebook for Color Approval

- Official color standards should be replaced immediately if they become damaged or discolored.

5.3 Mill Standards

- At the mill, physical standards should be checked for color drift as part of the regular quality control procedures. An initial reading at the time the standard is received should be compared against the digital information at regular intervals. If the difference is significant, $DE_{CMC} \geq 0.4$, then the standard should be replaced.
- MACY's official digital and physical standards should be used as the production standard to assure that the dye lots are not drifting away from the original color. This is critical because each item is merchandised to another product from another resource in another fiber content or fabric. Note: "Best Can Do" exceptions may be established by the Colorist.

5.4 Lab Dip Approvals

- Lab dip approvals expire after two seasons. Fall/Holiday or Spring/Summer.
- Exceptions may be granted by the Colorist.

ColorProse™

Feb. 22, 2002

Communicating Color Expertise To Color Professionals Worldwide

4/2002

Taking Care Of Standards

A retail company has asked that this edition of *ColorProse* address the issue of properly caring for fabric standards.

It's easy to overlook the tremendous creative energy that goes into developing seasonal fashion palettes, and to underestimate the importance of those small pieces of fabric distributed as standards to the financial and brand prosperity integrity of the retail company.

Until orders are filled and shades become obsolete, standards should be treated respectfully.

- Standards should not be cut into smaller pieces. Engineered Color StandardsSM from Archroma Global Services are designed to allow four folds of fabric to be presented to a 1-inch spectrophotometer port. For most substrates, four thicknesses are the minimum necessary to give solid spectral data.

- Keep the standards in a protected area until they are actually used. Avoid putting them in places where spills are likely to occur. Sometimes, the top of an office desk can be unhealthy for standards. One color office received a submit against a standard that had coffee spilled on it. The only good standard is a clean standard.

- Some Engineered Color Standards from Archroma may have a slightly wrinkled appearance, especially those on woven cotton fabric. By agreement with the retail company, Archroma may, or may not, hot press standards to remove wrinkles. Hot pressing can affect some shades, compromising quality control if surface appearance is altered, or proper conditioning is not done prior to using the standard.

As a matter of practice, recipients of standards should never apply a hot press.

- Avoid excessive handling with “dirty” hands. Light, bright shades are more susceptible to soiling, but blacks, navies, and darker shades are not immune. One major non-apparel industry, where color is critical to the final product, requires that all standards are kept in plastic bags until used, that handling is minimized and hands of the “handlers” are scrupulously clean.

- Keep standards away from strong light unless they are actually being used. Textile dyes are not like ceramic tiles! Even the best dyes will fade after long exposure to strong light. A windowsill is not a good storage area for textile standards. Neither is the dashboard of a car. Desk drawers are better.

Thankfully, textile standards are much more stable to light than other substrates.

At Archroma we have seen a surprising number of cases in which quick-fading *paper* standards created on ink-jet printers were submitted to create *textile* standards. While some paper inks have excellent life, others fade on the briefest exposure to light.



Archroma Global Services, 4331 Chesapeake Drive,
Charlotte, NC 28216 Tel: 704.395.6502
www.archroma.com



Lab Dip Submittal Form

LDR# _____

Submission Date :	Brand/Label :	Target Approval Date :
Supplier Name :	Style No. :	1st In DC Date :
MMG Office :	Lab Dip Round :	1st Ship Window :
Fabric Description :	Season :	Mill :
		Mill Reference # :

Attach 4 lab dip submittals here. Minimum Size: 2.5" x 2.5" Attach Mill Spectrophotometer Readings

COLOR STANDARD/#	Lab Dip Submittal:	Lab Dip Submittal:	Lab Dip Submittal:	Lab Dip Submittal:

SUPPLIER

Check one:	Slightly			Moderately			Very			Slightly			Moderately			Very		
Red / Green																		
Yellow / Blue																		
Bright / Dull																		
Light / Dark																		
Spectro	DEcmc _____			DEcmc _____			DEcmc _____			DEcmc _____								
In Tolerance	<input type="checkbox"/> Yes / <input type="checkbox"/> No <input type="checkbox"/> NA			<input type="checkbox"/> Yes / <input type="checkbox"/> No <input type="checkbox"/> NA			<input type="checkbox"/> Yes / <input type="checkbox"/> No <input type="checkbox"/> NA			<input type="checkbox"/> Yes / <input type="checkbox"/> No <input type="checkbox"/> NA								
OS Decision	<input type="checkbox"/> Pre-screened / <input type="checkbox"/> Rejected			<input type="checkbox"/> Pre-screened / <input type="checkbox"/> Rejected			<input type="checkbox"/> Pre-screened / <input type="checkbox"/> Rejected			<input type="checkbox"/> Pre-screened / <input type="checkbox"/> Rejected								
NY Decision:	<input type="checkbox"/> Approved / <input type="checkbox"/> Rejected			<input type="checkbox"/> Approved / <input type="checkbox"/> Rejected			<input type="checkbox"/> Approved / <input type="checkbox"/> Rejected			<input type="checkbox"/> Approved / <input type="checkbox"/> Rejected								

Name of NY Colorist: _____ Date: _____

Submittal Receipt Date: Overseas _____ NY _____ Spectro Readings Attached

COMMENTS:

Submission Date	Brand/Label	:	:
Supplier Name	Color Name & #	:	:
MMG Office	Pattern Name & #	:	:
Fabric Description	Style No.	:	:
OS Merchandiser	Round #	:	:
Target Bulk Approval Date	Submittal or Lot#	:	:
1st In DC Date	Mill	:	:
1st Ship Window	Mill Reference #	:	:
Submitted for: <input type="checkbox"/> Color <input type="checkbox"/> Handfeel/Quality <input type="checkbox"/> Both			

Attach Bulk Sample Here: Minimum Size: 12" x 12" Attach Mill Spectrophotometer Readings

**S
U
P
P
L
I
E
R**

**M
M
G**

Measured by Spectrophotometer <input type="checkbox"/>	DEcmc _____	<input type="checkbox"/> Visual Approval - Not Spectro Actionable	
Within Tolerance compared to Color Standard <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N / A			
	Color Decision	Handfeel/ Quality Decision	Overall Decision
OS	<input type="checkbox"/> Pre-screened <input type="checkbox"/> Rejected	<input type="checkbox"/> Pre-screened <input type="checkbox"/> Rejected	<input type="checkbox"/> Pre-screened <input type="checkbox"/> Rejected
NY	<input type="checkbox"/> Approved <input type="checkbox"/> Rejected	<input type="checkbox"/> Approved <input type="checkbox"/> Rejected	<input type="checkbox"/> Approved <input type="checkbox"/> Rejected
Name of NY Colorist or NY Designer / Date:			

Submittal Receipt Date: Overseas _____ NY _____
 Spectro readings attached

Circle One & Check whichever boxes apply:	Slightly	Moderately	Very
	Red / Green		
	Yellow / Blue		
	Bright / Dull		
	Light / Dark		

COMMENTS:



Trim Lab Dip Submittal Form

Submission Date : _____	Brand/Label : _____	Target Trim Lab Dip Approval Date : _____
Supplier Name : _____	Style No. : _____	1st In DC Date : _____
MMG Office : _____	OS Merchandiser : _____	1st Ship Window : _____
Trim Description : _____	Bulk Fabric: : <input type="checkbox"/> Solid Color <input type="checkbox"/> Multiple Color	Macy's Bulk Fabric/ LDR # : _____
Supplier Reference #: _____	Lab Dip Round # : _____	Season : _____

Trim Type : Dyed to Match Trim Non Dyed to Match Trim Pre-Selected Trim **Lab Dip Purpose** : For Quality For COLOR

S U P P L I E R All DTM and Pre-Selected Trim should ideally be matched against the approved bulk fabric. If this is not feasible then the color standard should be used except when the approved fabric lab dip is a best can do (BCD). Please indicate color standard used in matching attached lab dips:

Approved Bulk Fabric, OR Color Standard, OR BCD Fabric Lap Dip, OR Other _____

	Lab Dip Submittal:	Lab Dip Submittal:	Lab Dip Submittal:	Lab Dip Submittal:
Color Name & # :				

M M G	Check whichever boxes apply:	Slightly			Moderately			Very			Slightly			Moderately			Very		
		Red / Green																	
	Yellow / Blue																		
	Bright / Dull																		
	Light / Dark																		
	Measured by Spectrophotometer	<input type="checkbox"/> Yes DEcmc _____ <input type="checkbox"/> No			<input type="checkbox"/> Yes DEcmc _____ <input type="checkbox"/> No			<input type="checkbox"/> Yes DEcmc _____ <input type="checkbox"/> No			<input type="checkbox"/> Yes DEcmc _____ <input type="checkbox"/> No								
	Measurement Data within Tolerance	<input type="checkbox"/> Yes / <input type="checkbox"/> No <input type="checkbox"/> NA			<input type="checkbox"/> Yes / <input type="checkbox"/> No <input type="checkbox"/> NA			<input type="checkbox"/> Yes / <input type="checkbox"/> No <input type="checkbox"/> NA			<input type="checkbox"/> Yes / <input type="checkbox"/> No <input type="checkbox"/> NA								
	OS Decision	<input type="checkbox"/> Pre-screened / <input type="checkbox"/> Rejected			<input type="checkbox"/> Pre-screened / <input type="checkbox"/> Rejected			<input type="checkbox"/> Pre-screened / <input type="checkbox"/> Rejected			<input type="checkbox"/> Pre-screened / <input type="checkbox"/> Rejected								
	NY Decision:	<input type="checkbox"/> Approved / <input type="checkbox"/> Rejected			<input type="checkbox"/> Approved / <input type="checkbox"/> Rejected			<input type="checkbox"/> Approved / <input type="checkbox"/> Rejected			<input type="checkbox"/> Approved / <input type="checkbox"/> Rejected								
Name of NY Colorist or NY Designer / Date: _____																			

Submittal Receipt Date: Overseas _____ NY _____

OS Matching Standard : Approved Bulk Fabric, OR Color Standard, OR BCD Fabric Lap Dip, OR Other _____

NY Matching Standard : Approved Bulk Fabric, OR Color Standard, OR BCD Fabric Lap Dip, OR Other _____

COMMENTS:

Bulk Trim Submittal Form

Submission Date : _____	Brand/Label : _____	Target Bulk Trim Approval Date : _____
Supplier Name : _____	Color Name & No. : _____	1st In DC Date : _____
MMG Office : _____	Style No. : _____	1st Ship Window : _____
OS Merchandiser : _____	Bulk Fabric: : <input type="checkbox"/> Solid Color <input type="checkbox"/> Multiple Color	Macy's Bulk Fabric or Lab Dip Request : _____
Trim Description : _____	Submittal or Lot # : _____	Pattern Name % No (if applicable) : _____
Supplier Reference # : _____		Season : _____

SUPPLIER

Use this bulk trim submittal form for each item of trim submitted. If trim is Dyed to Match (DTM) or Pre-selected, the trim MUST match the approved bulk.

Measured by Spectrophotometer <input type="checkbox"/>	DEcmc _____
Measurement Data is match to Bulk Fabric	<input type="checkbox"/> Yes / <input type="checkbox"/> No / <input type="checkbox"/> NA
OS Decision	<input type="checkbox"/> Pre-screened / <input type="checkbox"/> Rejected
NY Decision:	<input type="checkbox"/> Approved / <input type="checkbox"/> Rejected
Name of NY Colorist or NY Designer / Date: _____	

Circle One & Check whichever boxes apply:	Slightly	Moderately	Very
Red / Green			
Yellow / Blue			
Bright / Dull			
Light / Dark			

MMG

Submittal Receipt Date: Overseas _____ NY _____

OS Colorist: Matched the Trim to the Approved Bulk Fabric	<input type="checkbox"/> Yes	<input type="checkbox"/> No	If No, reason _____
NY Colorist: Matched the Trim to the Approved Bulk Fabric	<input type="checkbox"/> Yes	<input type="checkbox"/> No	If No, reason _____

COMMENTS:

Submission Date	:	_____	Brand/Label	:	_____
Supplier Name	:	_____	Pattern Name & #	:	_____
MMG Office	:	_____	Style No.	:	_____
Fabric Description	:	_____	Round #	:	_____
OS Merchandiser	:	_____	Submittal #	:	_____
Target Bulk Approval Date	:	_____	Due Date	:	_____
1st In DC Date	:	_____	Mill	:	_____
1st Ship Window	:	_____	Mill Reference #	:	_____

Attach Print/Pattern Sample Here: Minimum Size: 12" x 12" or 1 full Vertical and Horizontal Repeat

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Name of NY Designer	:	_____			
Approved for Color	:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Comments: _____
Approved for Quality	:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Comments: _____
Approved for Technique	:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Comments: _____
Approved for Layout	:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Comments: _____
Approved for Repeat	:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Comments: _____
Approved for Placement	:				
Overall Approval	:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Comments: _____

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COMMENTS:



Obtaining Submittal Forms

There are 5 different Macy's Submittal Forms:


- Lab Dip Submittal Form
- Bulk Submittal Form
- Trim Lab Dip Submittal Form
- Bulk Trim Submittal Form
- Print/ Pattern submittal form

Lab dip and bulk submittal forms can be printed by a mill or by a supplier using Datacolor Tools after reading the lab dips or bulk samples and editing three drop down fields. The pre-populated printed form is used to attach the physical samples.

Submittal forms are also available from Macy's as:

- A Microsoft Excel Template (.xlt format), Microsoft Excel Document (.xls format), and Adobe (.pdf format).
- Microsoft Excel template forms can be loaded into your Microsoft Excel software, then filled out using Microsoft Excel, and then printed to attach the physical sample(s).
- Microsoft Excel Document forms can be opened in Microsoft Excel, saved to a folder or directory, completed using Microsoft Excel, and then printed to attach the physical sample(s).
- Adobe PDF forms can be printed, filled out using a pen, after which the physical sample can be attached.

If you need submittal forms in any of these formats, e-mail the request to color@macys.com and we will send them to you by return e-mail with instructions on how to use the template files in Microsoft Word.

Submittal forms may also be downloaded from www.macysmg.com . On the home page, click on "color management". 

Printing a Macy's Color Submittal Form from Datacolor Tools

Macy's lab dip submittal form (Solid) and Bulk submittal form (Bulk) can be printed from Datacolor Tools. The Trim and Print/ Pattern submittal forms are not available in Datacolor Tools.

Printing Solid and Bulk forms from Tools:

When in the Datacolor Tools "Macy's View" opening Screen, you can print these 2 forms by clicking on one of the buttons under the heading "Print Submittal Form" in the lower right hand corner of the screen.

IMACYS SUPPLIER SCREEN FORM

Standard Name/# 13 of 13
Onyx Black 252 12 02

Standard Number: 252 12 02
 Date Std. Measured: 11-Sep-07 FILE:

New Std Retrieve Std Store Std List Std Update Std

Lab Dip Ref# 6 of 6
5694 2F Ghim Li/Kam Hing Ctn Rib Ho'08

Date: 16-May-08 Time: 03:33:22 L/D FILE:

New Bat Retrieve Bat Store All Bats List Bat Store Bat

STANDARD INSTRUMENT: %R MAV SCI UV Cal S/N 7
 BATCH INSTRUMENT: %R MAV SCI UV Cal S/N 10560

Lab Dip is:	cmc DL	cmc DC	cmc DH	cmc DE	Lightness	Chroma	Hue
UL3000 10 Deg	0.88	-1.07	-0.19	1.40	lighter	duller	more green
D65 10 Deg	0.84	-1.09	-0.20	1.39	lighter	duller	more green
A 10 Deg	0.84	-0.96	0.34	1.32	lighter	duller	more red

Comments: Value is: Chroma is: Hue is:

Text Comment: Next Round Due Date: May-12-2008

Metamerism: LDR#: 5694 Round: 2 Submit: F

Submit Date: OS Colorist: Vikas Ekhande NY Colorist: Christel Rissolo

Update Bat Copy Fields Paste Fields Track Current

Item Type: Solid
 Request Type: PreStyle
 Season: Fall 2008
 Brand: JM COLLECTION
 Style Number:
 Office: SIN
 Supplier: GHIM LI GLOBAL PTE LTD
 Fabric: 100% COTTON RIB
 Mill Name: Kam Hing
 Mill Ref#:

Print Submittal Form

Solid
 Bulk Current
 Bulk All

See Section 9, "Receiving a lab dip request from Macy's" Procedure for details.

All other forms:

You must use the Microsoft Excel or Adobe .pdf file documents. See Tab 4: "Obtaining Lab dip submittal forms" and "Lab dip submittal forms Template Use procedure" for details.

Procedure

Follow this procedure to save the 5 Macy's Submittal Forms as Document Templates in Microsoft Excel. After saving them as templates, you can use each document over and over. Don't forget to print them out onto matte paper that is NOT optically brightened.

Saving the 5 Macy's Submittal Forms as "Templates" in Microsoft Excel

Open Microsoft Excel, and follow each step:

1. Open the form (for example: Trim Lab Dip Submittal Form) in MS Excel
2. Click on "File"
3. Select "Save As"
4. At the bottom of the dialog box: "Save as Type:" select: Document Template
5. Select the folder Icon (Create New Folder) at the top of the dialog box or use the same folder already created for MS Word Template documents
6. Enter "Name:" Macys lab dip submittal forms
7. Click on "ok"
8. In the dialog box, enter the name of the file (for example: Trim Lab Dip Submittal Form)
9. Click on "Save"

Note: Steps 5-7 will only need to be done once - to create the folder to put your forms in.

Repeat steps 1-4 and 8-9 for each of the 5 files.

You can name each file as follows:

1. Lab Dip Submittal Form
2. Bulk Submittal Form
3. Trim Lab Dip Submittal Form
4. Bulk Trim Submittal Form
5. Print/ Pattern Submittal Form

Using the 5 Macy's Submittal Forms in Microsoft Excel

Once you have saved each file as a document template, you can use the forms as follows:

1. Click on "File"
2. Select "New"
3. In the dialog box, across the top, you will see a tab with the label "Macys Lab Submittal Forms"
4. Click on or select the form that you want to use
5. Fill the form with the information required
6. Save and Print

If you have any questions about these forms, e-mail Macy's at color@macys.com



Macy's Form Glossary

Term	Definition	LDR Form	Bulk Form	Trim Form	Bulk Trim Form	Print Form
Approved Bulk Fabric	Bulk fabric that has been approved by MMG for handfeel, quality, and color or pattern.			X	X	
Best Can Do (BCD)	A lab dip that has been approved by MMG "out of tolerance" to the color standard and will be used by the supplier as the production standard to evaluate bulk fabric			X		
Brand/ Label	MMG brand or label that requested submittal	X	X	X	X	X
Bulk Fabric	Finished fabric for garment production		X	X	X	
Color Name & #	Macy's name for the color and corresponding HLC color number, based on Hue, Lightness and Chroma	X	X	X	X	
Color Standard	Macy's official color name and number	X				
DTM (Dyed to Match)	Trim which is developed from a design concept/specification with the color being dyed-to-match a specified body color or a specified color in a pattern/print.			X		
Due Date	Date required for first submittal, determined by NY designer.					X
Fabric Description	Fiber content, structure of the fabric, and other information required to define the fabric requested for a lab dip, pattern, and/or bulk	X	X			X
First (1 st) In DC Date	The date that a shipment must be physically received "in Macy's Distribution Center" for the first delivery.	X	X	X	X	X
First (1 st) Ship Window	The range of dates that a shipment must meet to be shipped.	X	X	X	X	X



Macy's Form Glossary

Term	Definition	LDR Form	Bulk Form	Trim Form	Bulk Trim Form	Print Form
For Color	On Bulk Submittal Form: Designates that the submittal attached is for the evaluation of "color only"		X	X		
For Quality/ Handfeel	On Bulk and Trim Lab Dip Submittal Forms: Designates that the submittal attached is for the evaluation of "quality or Handfeel only"		X	X		X
Handfeel	A determination of the surface texture and drape or "hand" of the fabric after dyeing and/or finishing.		X			
Lab Dip Request # (LDR)	The unique Macy's number used to communicate a submittal request to the supplier .	X				X
Lab Dip Submittal	Letter of the individual lab dip within a submittal round, e.g. A, B, C, D	X				
Macy's Bulk Fabric Lab Dip Request #	On Trim Submittal Forms: The Lab dip request number associated with the approved bulk fabric that the Trim must match for coordination			X	X	
Macy's LDR or Bulk Request #	On bulk submittal form: the LDR # for the lab dip associated with the bulk		X			
Mill	Fabric supplier or dyer, who prepared the lab dip or bulk	X	X			X
Mill Reference #	Fabric supplier or dyer's unique internal number for the submittal	X	X	X	X	X
MMG Office	MMG's overseas office responsible for coordination of development and production with the supplier	X	X	X	X	X
Multiple Color	Fabric that has more than one color For Example, Prints or Patterns.			X	X	



Macy's Form Glossary

Term	Definition	LDR Form	Bulk Form	Trim Form	Bulk Trim Form	Print Form
Non Dyed to Match Trim	Trim which is developed from a design concept/specification with the color not being dyed-to-match to a specified body color or a specified color in a pattern/print.			X		
OS Merchandiser	Name of the Macy's overseas merchant responsible for managing development and production with the supplier.		X	X	X	X
Pattern Name and #	The name for the design and related number Macy's uses to identify a unique pattern or pattern color combination.		X			X
Pre-Selected Trim	Existing trim item selected from a supplier or trim resource for which the color and design is already determined and fixed.			X		
Round #	The iteration number for the lab dip, strike off, or bulk submittal. e.g. "1,2, or 3". Indicates the number of times that the supplier has submitted a sample for evaluation	X	X			X
Sample Size	Macy's requirement for the size of the submittal	X	X			X
Season	Product Development season, such as Spring, Fall	X		X	X	
Solid Color	Fabric that is dyed to a single color			X	X	
Spectrophotometer Readings	DEcmc reading for a lab dip submittal following Macy's instrumental settings and lightsource specifications	X	X			



Macy's Form Glossary

Term	Definition	LDR Form	Bulk Form	Trim Form	Bulk Trim Form	Print Form
Style Number	The number which represents a specific Macy's fabric and garment design. There can be multiple styles for a submission.	X	X	X	X	X
Submission Date	Date the submit sent by the supplier to Macy's	X	X	X	X	X
Submittal #	Letter of the individual lab dip within a submittal round, e.g. A, B, C, D	X	X	X	X	X
Supplier Name	Supplier responsible for production for Macy's	X	X	X	X	X
Supplier Resource #	Supplier or Trim Resource reference number for a trim item.			X		
Target Approval Date	Date that the lab dip or submittal must be approved by Macy's in order for the finished garment to meet Macy's production deadline. Also: <ul style="list-style-type: none"> • Target Bulk Approval Date • Target Bulk Trim Approval Date • Target Trim Lab Dip Approval Date 	X	X	X	X	X
Trim Description	Description of the trim item, such as draw cord, zipper, button			X	X	
Trim Type	On Trim Lab Dip Submittal Form: Dyed to Match Trim, Non-Dyed to Match Trim, or Pre-selected Trim			X		

Submittal Procedures

Prior to Submitting a Lab Dip to Macy's

Prior to submitting 4 solid lab dips to Macy's Merchandising Group, the supplier should instrumentally pre-screen all lab dips to ensure that at least two of the four lab dips are within the DEcmc < 0.80 tolerance to the official Macy's digital color standard under UL3000. A visual evaluation should be made to confirm acceptability to the Macy's physical color standard. Fabrications with the following characteristics will be excluded from the instrumental tolerance requirement and no spectrophotometer readings need to be submitted for:

- Prints and Patterns
- Multi-colored Yarn-Dyed Fabrics (except as noted below)
- Leather, PVC, Synthetic fur, Iridescent, Fluorescent, Metallics, Lurex, velours, velvets, burnouts, corduroy, pile fabric, sheers, fleece with brushed front and back, heathers, marls, cross dyes
- "After" wash or "after" treatment submittals including stonewash, enzyme wash, chemical wash and garment dye

If a supplier is unable to provide a spectrophotometer reading or they are uncertain of whether a specific fabrication qualifies for a spectrophotometer reading exception, they should contact the colorist or merchandiser in the Macy's Merchandising Group office.

Spectrophotometer readings are required for:

- Solid piece dyed fabrics
- Single color yarns
- Sweater and knit yarn dyes - when submitted in the form of a closely knit jersey knitdown
- Skein of dyed yarn for each color in the hand loom of a multi-colored fabric in sufficient quantity to wrap around a 1.5" x 1.5" card

Important Reminder: At least two out of the four lab dip submissions must be within the Macy's instrumental tolerance.



Submittal Procedures

Macy's Fast Track Program Exception: To allow increased speed to market for styles or programs identified as "Fast Track", Macy's requires one of the four lab dip submissions to be within the Macy's tolerance.

Lab Dip Submissions

Upon receipt of the Lab Dip Request, the supplier immediately proceeds to replicate colors in formulations appropriate to the fiber content, yarn, fabric or dye method and any after-finishes required by the style specifications. Within two weeks (14 calendar days) from receipt of standards from the Color Standards Provider, the supplier should submit two sets of four (4) properly labeled lab dips to the MMG office in the required swatch size or yarn quantity.

The lab dip samples must be created in the same material and with the same colorants that will be used in production. Spectral data for lab dips, which pass both visual and instrumental screening, should be

- sent via Datacolor Track to Macy's
- sent as a qtx file attachment to track@macys.com with a subject line DCTrack::

To	<u><track@macys.com></u>
cc	
bcc	
Subject	DCTrack::Send to ... [f]

- or print outs of the readings should be attached to the lab dip submittal form.

MMG Color Evaluation Submittal Form





The supplier attaches all submissions to MMG Lab Dip Submittal Form. The Lab dip submittal form may be printed from the Datacolor Tools program, which



Submittal Procedures

will complete fields and print lab dip request information on the form. The form is also available as an Excel document, template, and pdf format file. Documents may be downloaded from www.macysmg.com or obtained from the MMG office. The form has space for 4 options for one color. The form should be printed on matte white non-optically brightened paper. Forms must be filled out completely with information, which matches the lab dip request. Missing information will cause delays.

The supplier should follow MMG's sequential numeric/alpha lab dip identification system. For the first round of submittals for each color the labeling is 1A, 1B, 1C, 1D. For example:

Supplier:	ABC Company			1 st In DC Date:	12-5-02
Style #:	45451, 45461, 45471			Fabric Description:	1/32's, 100% cotton
OLIVE					Lab dip 1A rated 3/2 dry/wet crocking
	Olive 1A	Olive 1B	Olive 1C	Olive 1D	

- The second round of lab dips should be identified as 2E, 2F, 2G, 2H.
- Supplier should indicate on the submission those colors that may fall below MMG standards for color fastness or crocking: 4/3 Dry/Wet
- Any processes for which color control is difficult must be communicated to the Macy's Colorist at the beginning of lab dip development in order to establish an acceptable range of color difference and to avoid delays.
- Supplier should advise of any potential change in lab-dip color and appearance in bulk production due to finishing.

Mounting Lab Dips on Submittal Forms

- Knit and sweater yarn dye submittals are to be in a jersey knit down in a tight gauge suitable for the yarn count or as a winding on a 1.5" x 1.5" non-optically brightened card to form a compact area of parallel yarns. Yarn winding should conceal the card and the card should not be bowed by the tension of the winding.



Submittal Procedures

- Fabric should be face up with grain should be in the vertical direction.
- Use only double-sided adhesive tape to attach lab dips to the paper. Do not staple swatch to the form.
- Do not back lab dips with tape, labels, paper or cardboard.
- Avoid mounting the submittal on top of a photocopy of a lab dip swatch, because the black copy toner rubs onto the submittal.
- Send the LDR with readings to Macy's through Datacolor Track and forward two sets of physical swatches to the appropriate MMG Office.

Colorist Evaluation & Comment

The OS Colorist shall immediately compare the lab dips to the supplier spectrophotometer readings, will read the lab dips in the spectrophotometer, and will visually screen the lab dips in the light box against official Macy's physical standard and existing approvals. All color evaluations must be performed using MMG's primary color source *UL3000* in an X-Rite Spectralight III light booth (Gretag/Macbeth). An additional review must be made with the secondary light source, *D65 Daylight* to check for metamerism.

If judged a reasonable match, the OS Colorist will forward to the NY Colorist.

If the OS Colorist determines the submittals are outside their acceptable range, they will instruct the supplier to immediately resubmit new lab dips with correction comments. Color comments describe the color difference between the official color standard and the selected lab dip. Although the supplier has submitted four swatches, the colorist will only comment on one.

The supplier is to resubmit two corrected sets to the OS Colorist within the time specified in the "Color Approval Timetable". (See Section 2) The OS Colorist will hold any the rejected submits until the next round is received. Submissions will be sent to the NY Colorist by the OS Colorist, if the process goes past the second round.



Submittal Procedures

The NY Colorist will comment on lab dips according to the "Color Approval Timetable".

The NY Product Manager, Designer, and Color Manager will be advised immediately when color approval cannot be achieved by third round or may not meet the "target approval date".

Color Approval for Trims

The request for trim submittals will be provided by the OS Merchandiser.

The supplier attaches all submissions to the MMG Trim Lab Dip Submittal Form. The form is available as an Excel document, template, and pdf format file. Documents may be downloaded from www.macysmg.com or obtained from the MMG office.

The form has the space for 4 options for one color. The form must be printed on white matte non-optically brightened paper. Forms must be filled out in entirety with information, which matches the request from the OS Merchandiser. Missing information will cause delays.

The submittal must be sent to the OS Merchandiser, who will review with the OS Colorist as required by the type and color of trim. Trim approvals will often be visual, not instrumental, and must match approved bulk fabric.

If evaluated as a reasonable match, the submittal will be forwarded to the NY Designer and Colorist for final approval.

If the OS Colorist determines the submittals are outside an acceptable range, they will advise the OS Merchandiser to immediately request a re-submittal. The supplier should resubmit a corrected set to the OS Merchandiser within the designated time specified on the "Color Approval Timetable". The submissions will be sent to the NY Designer or Colorist for final approval.



Submittal Procedures

Color Approval for Prints and Yarn Dyes

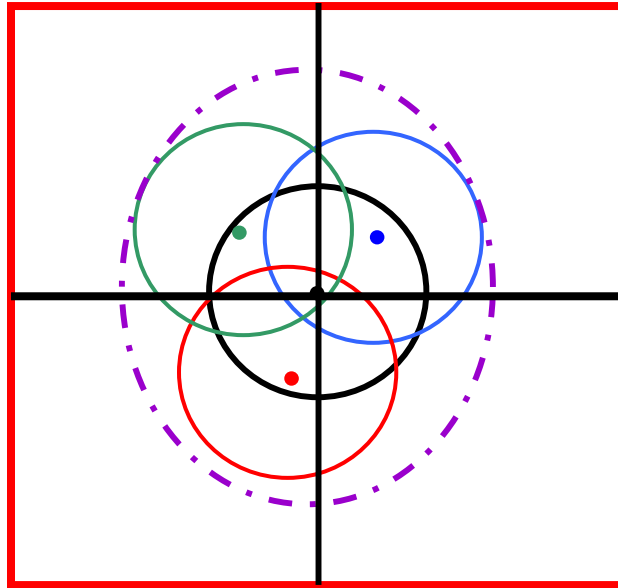
Approval on heathers, marls, prints, and yarn dyes will be made in with consideration of how well the colors blend and how closely they visually appear to the original artwork. All visual evaluation specifications and "Color Approval Timetables" apply.

The Designer will review a trial weave, knit down, or strike-off submitted on the Print/Pattern Submittal Form. The form is available as an Excel document, template, and pdf format file. Documents may be downloaded from www.macysmg.com or obtained from the MMG office. If yarn dyes for knits for wovens are submitted in skein form or jersey knit down, the regular Lab Dip Submittal Form should be used.

- Prints and patterns should be submitted as a complete vertical and horizontal repeat or in a minimum size of 12" x 12" swatch .
- Heathers selected from a catalogue, must be submitted for reference to confirm correct specification.

Color Control - BULK Production

At Macy's, the original color standard is also the production standard; this is Macy's "single standard".



As shown in the diagram above, if each lab dip Macy's approves replaced the original color standard, then each product is matched to a different production reference, which expands the tolerance area. This is not acceptable and therefore, the color standard for bulk production is the same as for the lab dip.



Bulk Approval

Bulk Fabric Approval

Prior to submitting bulk production to Macy's, the supplier must instrumentally pre-screen all submittals to ensure that they are within the DEcmc < 1.00 tolerance to the official Macy's digital color standard (i.e. The QTX file attached in the lab dip request or bulk lab dip request). A visual evaluation should be made to confirm acceptability to the Macy's physical color standard. Bulk lots, which pass both screenings, should be sent via Datacolor Track. The physical swatch with spectrophotometer readings attached should be sent to the MMG OS Colorist for review. The OS Colorist will pre-screen and forward to the NY Colorist for final approval.

The bulk color swatch must be a minimum of 12" x 12" and properly attached to the Bulk Submittal form printed from Datacolor Tools software, pre-populated with bulk request information.

The form is also available as an Excel document, template, and pdf format file. Documents may be downloaded from www.macysmg.com, or obtained from the MMG office. The form should be printed on matte non-optically brightened paper. Forms must be filled out completely with information, which matches the lab dip request. Missing information will cause delays.

In addition to the form, all bulk fabric submits must be permanently labeled on the reverse face with all information in the "header" of the bulk submittal form.

Best Can Do and Correct in Production

When the approved lab dip is approved by Macy's "out of tolerance", the approved lab dip becomes the new color standard for bulk production. This lab dip will be approved as a "Best Can Do" (BCD).

When corrections to a lab dip must be made, but there is not enough time to submit a further round, the lab dip will be approved as "Correct in Production"



Bulk Approval

(CIP). The color comments for the last “rejected” lab dip must be used to correct the color in production of bulk fabric.

After Finishes

All fabrics subject to after finishes, e.g. washes, chemical or heat applications such as wrinkle-free, etc. must have both an initial shade range and shade bands approved with after treatment.

Multiple Deliveries & Reorders

Subsequent delivery production is required to be submitted for approval. Approved production color from the first delivery is used as the approval target for subsequent deliveries. The official Macy's digital color standard and official physical standard remain the production reference.

Supplier Contact Information

Macy's Contacts	Country	Name	Telephone	E-Mail
Regional Color Manager	Hong Kong	Sidney Chung	852-2375-0066	Sidney.chung@macys.com
Colorist	Singapore	Vikas Ekhande	65-6761-6222	Vikas.ekhande@macys.com
Colorist	Korea	Amy Lee	822-360-2000	Amy.lee@macys.com
Colorist	Taiwan	Eva Chiang	886-2-2718-4618	Eva.chiang@macys.com
Colorist	Hong Kong	Cathy Kay	852-2375-0066	Cathy.kay@macys.com
Director, Color Services	USA	Jean Hoskin	646-429-7901	Jean.hoskin@macys.com
Color Resources Manager	USA	Laurie Rando	646-429-6004	Laurie.rando@macys.com
Color Development Manager	USA	Abby DeSantis	646-429-7230	Abby.desantis@macys.com
Manager, Color Operations	USA	Jessica Ricketts	646-429-6597	Jessica.ricketts@macys.com
Colorist, JM Collections Brand	USA	Christel Rissolo	646-429-7808	Abby.desantis@macys.com
Colorist - Karen Scott Brand	USA	Adolfo Villanueva	646-429-6790	Adolfo.Villanueva@macys.com
Colorist, Style & Co Knits and Sweaters Brands	USA	Stephanie Cochran	646-429-6120	Stephanie.Cochran@macys.com
Colorist, Style & Co Wovens Brands	USA	Kathy Wu	646-429-6062	Kathy.wu@macys.com
Assoc. Colorist, Tasso Elba Brand	USA	Susanna Cheung	646-429- 6953	Susanna.cheung@macys.com
Colorist, Charter Club Brand	USA	Heather Madison	646-429-6177	Heather.Madison@macys.com

Supplier Contact Information

Macy's Contacts	Country	Name	Telephone	E-Mail
Colorist, Charter Club Brand	USA	Seton Dugan	646-429-6000	Seton.dugan@macys.com
Colorist - Men's INC Brands	USA	OPEN - temporary contact is Jessica Ricketts	646-429-6597	Jessica.ricketts@macys.com
Colorist - Alfani RTW	USA	Cassandra Garza	646-429-7217	Cassandra.garza@macys.com
Colorist - INC RTW	USA	Stacey Palmese-Guglielmo	646-429-6119	Stacey.palmese-guglielmo@macys.com

Supplier Contact Information

Color Services Vendor Contacts	Country	Name	Telephone	E-Mail	Web Site
Scotdic	USA	Mark McGovern	800-SCOTDIC	mark@scotdic.com	www.scotdic.com To order: http://www.coloursltd.com/Macyscolor.html
Archroma	USA	Terry Bowen	888-705-4536	Archroma.services@clariant.com	www.clariant.com To order: https://www.myarchroma.com
CSI (Color Solutions International)	USA	Jody Warren	800-962-6023	warren.jody@colorsolutionsinternational.com	www.colorsolutionsinternational.com
Pantone	USA	Mitchell Cole	201-935-5500	mcolel@pantone.com	www.pantone.com

Supplier Contact Information

Datacolor Contacts	Country	Name	Telephone	E-Mail	Web Site
Datacolor Engineer	Hong Kong	K. C. Lau	852-2422-0190	klau@datacolor.com	www.datacolor.com
Datacolor Engineer	Hong Kong	Ida Wong	852-2420-8272	iwong@datacolor.com	www.datacolor.com
Datacolor Engineer	Singapore	May Teng	60-1-2727-6111	mteng@datacolor.com	www.datacolor.com
Datacolor Engineer	India	Vikas Gangrade	91-22-2859-8743	vgangrade@datacolor.com	www.datacolor.com
Datacolor Engineer	Taiwan	Ginny Lee	866-2-2321-2356	glee@datacolor.com	www.datacolor.com
Datacolor Engineer	Taiwan	Daniel Liao	866-2-2321-2356	dliao@datacolor.com	www.datacolor.com
Datacolor Engineer	Korea	Cindy Park	82-1-7231-1010	cpark@datacolor.com	www.datacolor.com
Datacolor Engineer	Shanghi, China	Wendy Huang	86-21-6236-5808	whuang@datacolor.com	www.datacolor.com
Datacolor Enterprise Color Program Manager	USA	Ken Butts		kbutts@datacolor.com	www.datacolor.com
Sales Director, Global Specifiers Apparel and Footwear	USA	Dan Randall		drandall@datacolor.com	www.datacolor.com
Retail/Brand Manager-North East	USA	Matt Fowler	914-437-7644	mfowler@datacolor.com	www.datacolor.com



Ordering Color Standards

The use of color standards and their associated reflectance information is a critical part of Macy's color management program. Color standards required to complete lab dip submittals must be purchased from color standards providers. Though Macy's provides reflectance information in the form of a .qtx file with our lab dip request, this file, and the associated physical reference swatch are owned by and must be purchased by the supplier directly from the color Standards Supplier.

Macy's uses color standards provided by 4 color standards providers (CSPs):

- Archroma
- CSI
- Pantone
- Scotdic

To order a color standard from Archroma, CSI or Pantone, you must know the Macy's name for the color, and the Macy's number (HLC - Hue, Lightness, Chroma number).

To order a color standard from Scotdic, you must know the Scotdic reference number.

Scotic does not provide .qtx files. When a Macy's supplier purchases a Color Standard from Scotdic, the .qtx file can be obtained by sending an e-mail request to color@macys.com

Macy's Brands that participate in Macy's Color Management Process

Macy's Karen Scott, JM Collections, and Men's INC participate in the Macy's Color Management Process.

When you receive a lab dip request from Macy's, the information you need to place the order will be provided. (See Section 9 of this manual for details)



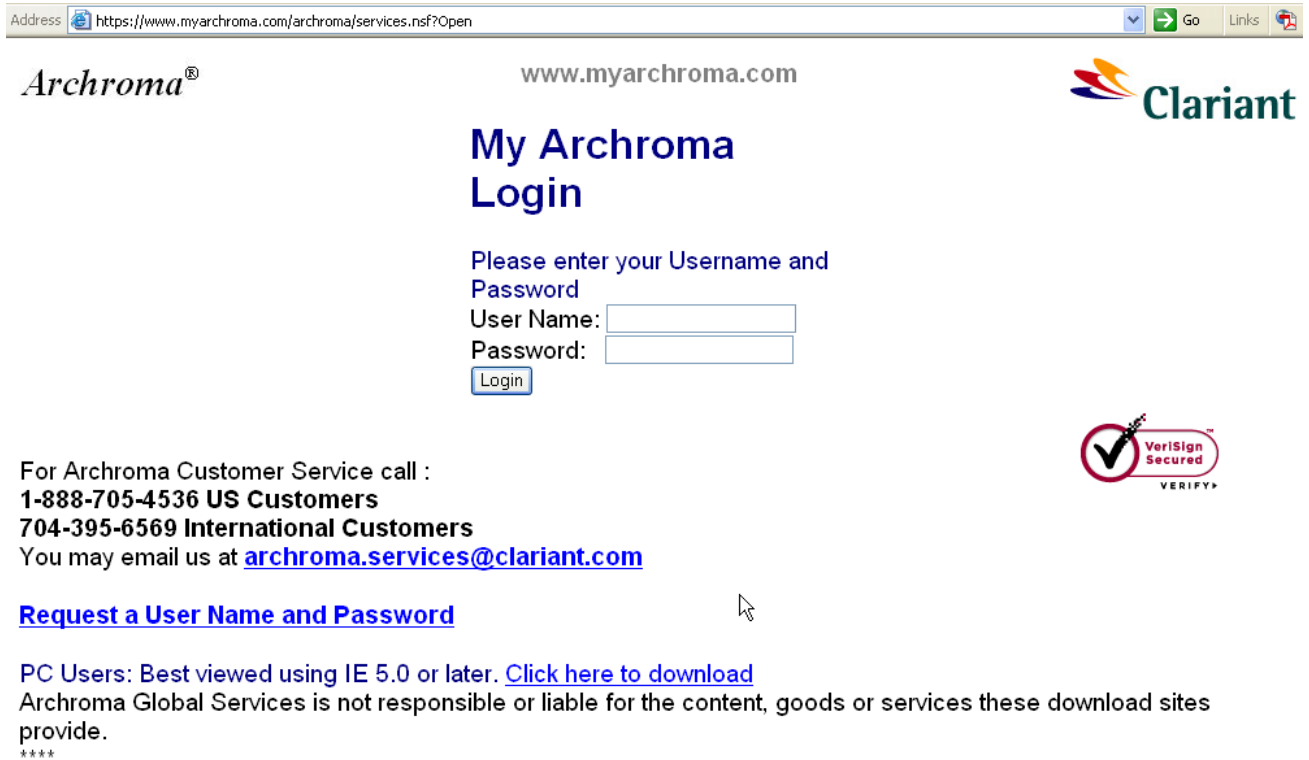
Ordering Color Standards

Other Macy's Brands that require purchase of color standards

If you require a color standard for a Macy's Brand that is does not currently participate in Macy's color management program, you will also receive the reflectance information (.qtx file) from any Color Standards Provider except Scotdic.

ORDERING ARCHROMA STANDARDS ONLINE

1. Go to <https://www.myarchroma.com>



The screenshot shows a web browser window with the address bar containing <https://www.myarchroma.com/archroma/services.nsf?Open>. The page header includes the Archroma logo, the URL www.myarchroma.com, and the Clariant logo. The main heading is "My Archroma Login". Below this, there is a prompt: "Please enter your Username and Password". There are two input fields: "User Name:" and "Password:". A "Login" button is positioned below the password field. To the right of the login form is a VeriSign Secured logo. Below the login form, there is contact information: "For Archroma Customer Service call : 1-888-705-4536 US Customers 704-395-6569 International Customers You may email us at archroma.services@clariant.com". A link "Request a User Name and Password" is also present. At the bottom, there is a note for PC users: "PC Users: Best viewed using IE 5.0 or later. Click here to download Archroma Global Services is not responsible or liable for the content, goods or services these download sites provide. ****".

2. New Suppliers must register to obtain a User Name and Password

Click on: [Request a User Name and Password](#) to complete the registration process as shown below:

Please provide the following information: (All fields with an * are required)

* Company Name:

* Shipping Address:

* City:

* State/Province:

* Zip Code:

* First Name:

* Last Name:

* Email Address:

* Title:

* Phone Number:

FAX Number:

* Retail Merchant:

* Country You Live In:

Comments:

If you are having problems submitting this form then select the country you live in again or click this button to Refresh the Fields on the form:

ORDERING ARCHROMA STANDARDS ONLINE

- Receiving reflectance information in the form of a .qtx file for the color standards purchased

When a Macy's supplier purchases a Color Standard from Archroma, the "Do you want to receive a .qtx file" radio button should be indicated as shown below. Archroma will send the .qtx file as an attachment to the e-mail confirming the order to the supplier.

ARCHROMA

ARCHROMA ORDER FORM

Please verify shipping information for your order and indicate any address changes in the Com required. When finished, click the "Submit Order" button. You will receive e-mail confirmatic

Shipping Information			
Name:	LAURIE RANDO	E-mail:	laurie.rando@
Phone:	646-429-4936	FAX:	
Select a Site:	MACY'S		
Company:	MACY'S	Country:	United States
Address: 11 Penn Plaza - 12/Fir, New York, NY 10001			

Your Current Order

Description	Item Status	Price	Qty	Total
BABY BLUE	Available	13.50	1	13.50

Total Order: \$ 13.50

Do you want to receive QTX files for the standards ordered above?
Please review the QTX policy

Yes
 No

ORDERING CSI STANDARDS ONLINE

1. Go to <http://www.colorsolutionsinternational.com>

Address  <http://www.colorsolutionsinternational.com/ColorSolutionsInternational/Pages/Home.aspx?P=Home>



[Login to MyCSI](#)
[Home](#)
[Help](#)
[About Us](#)
[Contact Us](#)
[Products & Services](#)
[Color Development](#)



Color Solutions International
A division of *DyStar*


[CSI Sp/Su 09 Color Card](#)
(click for more information)




[Introducing our new partner!](#)
(click for more information)

[Login to MyCSI](#)
[Home](#)
[Help](#)
[About Us](#)
[Contact Us](#)
[Products & Services](#)
[Color Development](#)

2. Click on **Login to MyCSI**

Address  <https://shop.colorsolutionsinternational.com/CSI/login.aspx?sessionID=a8c339ec-6e02-4991-b326-a43f32ba341c&securePage=TRUE&fromPage=https%3a%2f%2f>




[Shop Home](#)
[CSI Home](#)
[Change Retailer/Customer](#)
[Orders/Search](#)
[Saved Carts](#)
[Cart](#)
[History](#)
[Account](#)
[Help](#)
[Bulletins](#)
[Reports](#)

Please sign in to your account with the Username and Password you previously registered.

[Logon Help?](#) or
 [Forgot password?](#) or
 [Request New User.](#)

Username

Password



ORDERING CSI STANDARDS ONLINE

3. New Suppliers must register to obtain a User Name and Password

Click on: **Request New User.** to complete the registration process as shown below:

https://shop.colorsolutionsinternational.com/CSI/loginRegister.aspx?sessionID=a8c339ec-6e02-4991-b326-a43f32ba341c

Color Solutions International

Shop Home CSI Home Change Retailer/Customer Orders/Search Saved Carts Cart History Account Help Bulletins Reports

CSI is a Business-to-Business website that requires a login to place an order. Please fill out the information below.

* - Denotes a required field.

Account Information

* Username: Type:

* Password:

* Confirm Password:

Billing Information

* Company:

Attention:

* Address:

Address 2:

* City:

* Country:

* State/Province:

Shipping Information

Check here if the shipping information is the same as billing information

* Company:

Attention:

* Address:

Address 2:

* City:

4. Receiving reflectance information in the form of a .qtx file for the color standards purchased

When a Macy's supplier purchases a Color Standard from CSI, the "Request .qtx file" radio button should be indicated as shown below. CSI will send the .qtx file as an attachment to the e-mail confirming the order to the supplier.

Request Information

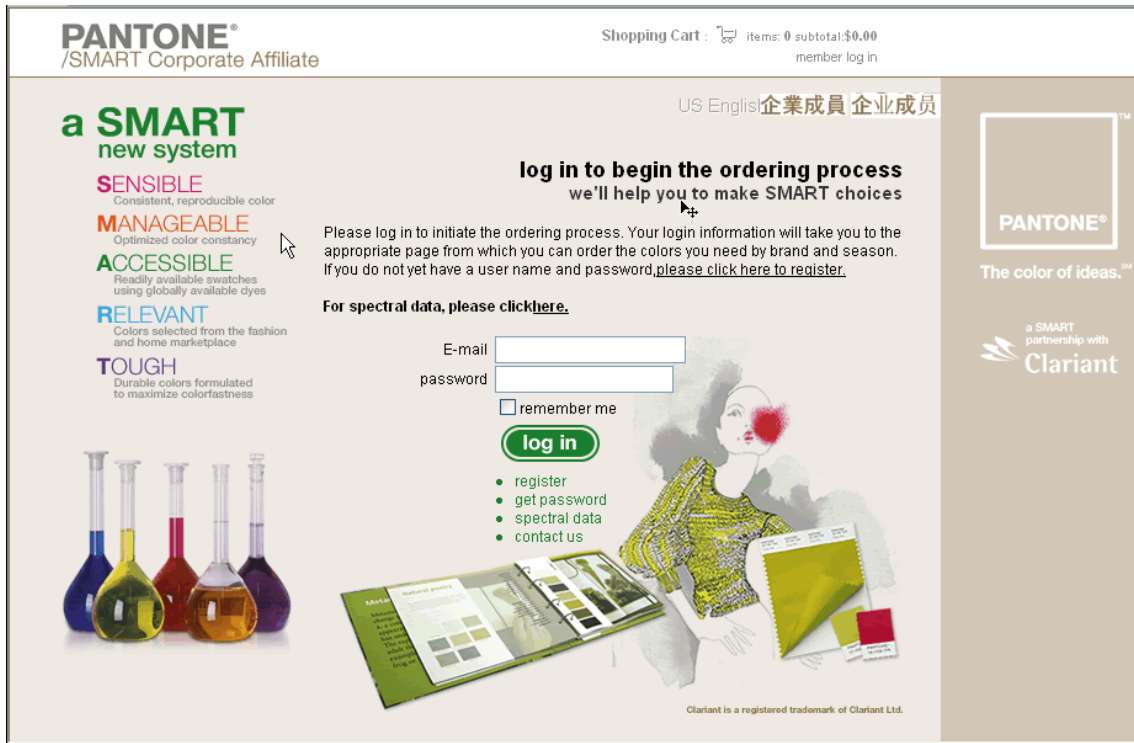
Request Recipe

Request QTX

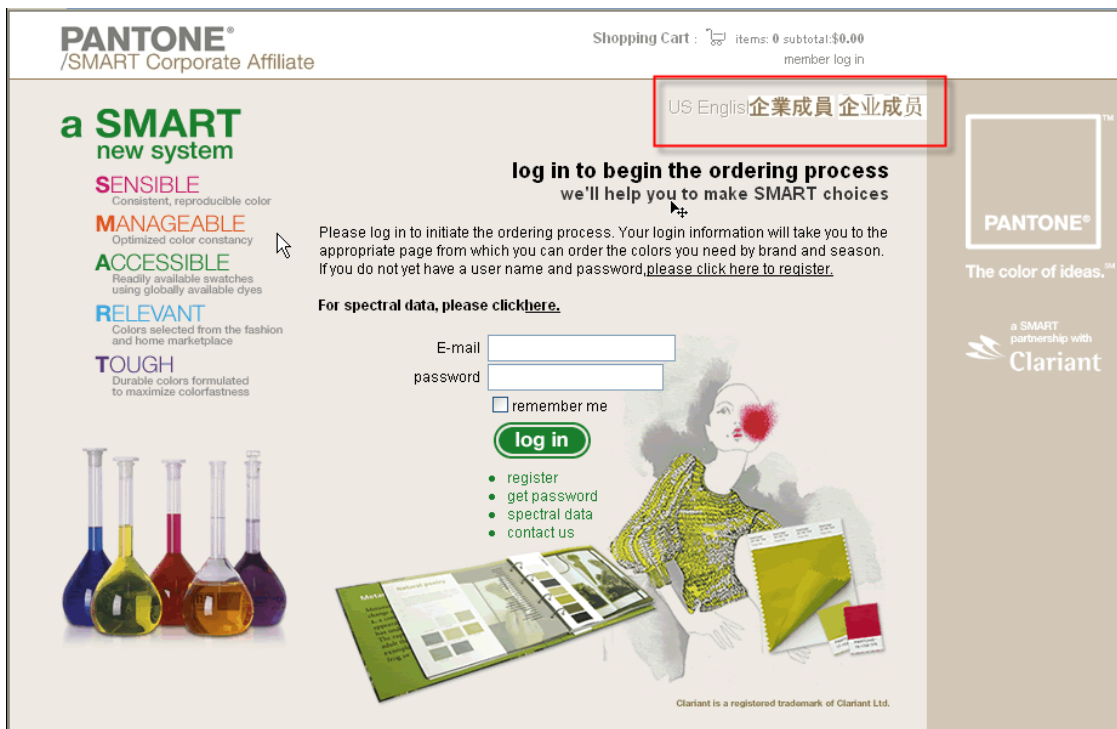
Request Information

ORDERING Pantone STANDARDS ONLINE

1. Go to <http://www.pantone.com/smart>



2. Web Site is available in English, Chinese and simple Chinese.



ORDERING Pantone STANDARDS ONLINE

3. New Suppliers must register to obtain a Password

Click on: [register](#) to complete the registration process as shown below:

Affiliate Website – Vendor Registration

First Name:

Last Name:

Email Address:

Confirm Email Address:

Account Password:

Confirm Password:

Company Name:

Street Address:

City:

State/Province:

Country:

Postal Code: * No Postal Code? Type 00000 in this field


Telephone Number:


Type of Business:

Requesting Palette Access for the companies:

4. Supplier signs on to Pantone web site using Password, and selects the Macy's Brand

PANTONE
/SMART Corporate Affiliate

Shopping Cart :  items: 0 subtotal:\$0.00
you're logged in



select the colors you require
you're now ready to make SMART choices

The complete seasonal palette for the selected brand and season is shown on this page. Please indicate the quantities for the colors you wish to purchase in the "quantity" field. Vendors may be required to order a minimum number of swatches as required by the brand. Once all required colors have been selected, click on the "Order" button to view the colors in your cart. At that time you will be able to select additional palettes and add more items as needed.

design tools
cotton planner
cotton swatch files

FAQ resources
SMART Color System FAQs
Ask PANTONE knowledgebase

view affiliate report

order history


select brand

additional access

order spectral data

Selected Brand:

- select a brand
- Alfani RTW
- Alfani RTW Basics
- American Rag
- Charter Club
- Charter Club Dresses
- Epic Threads
- First Impressions
- Green Dog Infant Boys
- Greendog Boys
- Greendog Boys - Swim
- Greendog Girls
- JM Collection
- Karen Scott
- MENS INC
- Style and Co
- Style and Co Sport
- Tasso Elba
- Tasso Elba Golf



ORDERING Pantone STANDARDS ONLINE

5. Two ways to receive reflectance information in the form of a .qtx file for the color standards purchased
 - a. Purchase the Color Standard from Pantone, and check off the "Spectral data" box as shown below. Pantone will send the .qtx file as an attachment to the e-mail confirming the order to the supplier.

PANTONE®
/SMART Corporate Affiliate

Shopping Cart : items: 0 subtotal:\$0.00
you're logged in

select the colors you require
you're now ready to make SMART choices

The complete seasonal palette for the selected brand and season is shown on this page. Please indicate the quantities for the colors you wish to purchase in the "quantity" field. Vendors may be required to order a minimum number of swatches as required by the brand. Once all required colors have been selected, click on the "Order" button to view the colors in your cart. At that time you will be able to select additional palettes and add more items as needed.

design tools
cotton planner
cotton swatch files

FAQ resources
SMART Color System FAQs
Ask PANTONE knowledgebase

view affiliate report

order history

select brand

additional access
order spectral data

Selected Brand:

Selected Season:

PURCHASE SWATCHES

SMART color swatch and PANTONE® Color	price	quantity	spectral data
		<input type="text" value="1"/>	<input checked="" type="checkbox"/>
PANTONE © 057.70.49 Tangleo	\$7.23		<input checked="" type="checkbox"/>
		<input type="text"/>	<input type="checkbox"/>
PANTONE © 002.66.27 Rose Quartz	\$7.23		<input type="checkbox"/>

minimum quantity: 1

order spectral data for all selected colors

ORDERING Pantone STANDARDS ONLINE

- b. Purchase reflectance information in the form of a .qtx file for the color standards already purchased. Click on "order spectral data"

Shopping Cart : items: 0 subtotal:\$0.00
you're logged in

design tools
cotton planner
cotton swatch files

FAQ resources
SMART Color System FAQs
Ask PANTONE knowledgebase

view affiliate report

order history

select brand

additional access
order spectral data

select the colors you require
you're now ready to make SMART choices

The complete seasonal palette for the selected brand and season is shown on this page. Please indicate the quantities for the colors you wish to purchase in the "quantity" field. Vendors may be required to order a minimum number of swatches as required by the brand. Once all required colors have been selected, click on the "Order" button to view the colors in your cart. At that time you will be able to select additional palettes and add more items as needed.

Selected Brand:

- c. Complete "Spectral Data Ordering" page

design tools
cotton planner
cotton swatch files

FAQ resources
SMART Color System FAQs
Ask PANTONE knowledgebase

view affiliate report

order history

select brand

additional access
order spectral data

Spectral Data Ordering

In order to purchase spectral data, you will need to have purchased new SMART color swatch cards in the colors required. You will need the Pantone Color Number and the UPC Code from the back of the swatch cards. Enter the information in the form below. If you need more than one color, please click "request more" before "add to cart." Click "add to cart" after you have entered all your required colors. You will be able to download the spectral data files purchased after checkout. Spectral data is \$3.00 per color.

Type of Business:*

SMART Swatch(es) Purchased From:*

Date of Purchase:*

	PANTONE Color Name	PANTONE Color Number*	UPC Code see a sample*
	<input type="text"/>	<input type="text"/>	<input type="text"/>

ORDERING Scotdic STANDARDS ONLINE

1. Go to <http://www.breezewareCLM.com> Breezeware is the “Color Lifecycle Management” (CLM) software that Scotdic has chosen to offer it’s color standards to Macy’s suppliers.

2. Log in using your user name and password. Then click on the “Scotdic” tab or on “order Scotdic Standards”.

ORDERING Scotdic STANDARDS ONLINE

Create New Order

- Click on and select colors from one of the Macy's palettes in the drop down. Complete the order information.

Create SCOTDIC Order

Shipping and billing information **[collapse]**

<p>Order Name : <input type="text"/></p> <p>Status : NEW_ORDER</p> <p>PO # : <input type="text"/></p> <p>Notes : <input type="text"/></p> <p>Billing Information:</p> <p>Billing Method : <input type="text"/></p> <p>Credit Card Type : <input type="text"/></p> <p>Credit Card Number : <input type="text"/></p> <p>Credit Card Expiration Date : <input type="text"/> <input type="text"/></p> <p>Shipment preferences</p> <p><input checked="" type="checkbox"/> Allow Partial Order Shipment</p>	<p>Shipping Method : <input type="text"/></p> <p>Shipping Account # : <input type="text"/> (Applicable if you have an account with the above shipping agency)</p> <p>Shipping Address :</p> <p>Name (example: John Smith) * : <input type="text"/></p> <p>Company * : <input type="text"/></p> <p>Address 1 * : <input type="text"/></p> <p>Address 2 : <input type="text"/></p> <p>City * : <input type="text"/></p> <p>State * : <input type="text"/></p> <p>If Other, please specify : <input type="text"/></p> <p>Zip Code * : <input type="text"/></p> <p>Country * : <input type="text"/></p> <p>Phone : <input type="text"/></p>
--	---

Color items

Add All SCOTDIC Colors from Palette :

Palette Name :

Select Palette

- Macy's - Active Colors - Spring-Summer 2009
- Macy's - Active Colors - Spring-Summer 09
- Macy's - Karen Scott Summer 09
- Macy's - Karen Scott Spring - Summer 09
- Macy's - Karen Scott Spring 09
- Macy's - JBC Spring 09
- Macy's - JBC Spring-Summer 09
- Macy's - JBC Summer 09

- Receiving reflectance information in the form of a .qtx file for the color standards purchased

When a Macy's supplier purchases a Color Standard from Scotdic, they will automatically receive a .qtx file attached to the e-mail confirmation of the order.



Communicating with Macy's

Communications with Macy's suppliers about lab dip and strike-off requests, "correction" comments for submittals, and bulk during the color approval process depends on:

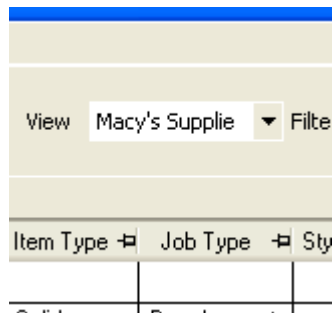
- The "type" of submittal (Solid, etc.)
- Whether the submittal is an initial lab dip or bulk
- Whether the supplier uses Datacolor Track

Solid Submittal

A "solid" request is for a lab dip in fabric or yarn, that is dyed to a single color.

Receiving a "solid" lab dip request from Macy's

- Suppliers who use Datacolor Track software
 - The initial "Lab Dip Request" from Macy's will be transmitted from Macy's Datacolor Track system to the Supplier's Datacolor Track System, using the e-mail address designated by the Supplier.
 - Macy's Datacolor Track e-mail address is track@macys.com
 - The supplier Datacolor Track software MUST be set to the "Macy's Supplier View" to receive Macy's lab dip information correctly.



- Training to use Datacolor Track Software is available from Datacolor.



Communicating with Macy's

- e. When a Lab Dip Request is sent from Macy's, the "Location" column in Datacolor Track will show "New" for this job.
- f. Only jobs for the supplier using Datacolor track will appear on the opening screen.
- g. The supplier clicks on the "Check Jobs" button to view "new" lab dip requests from Macy's.

Example of "Check jobs" in Datacolor Track

The screenshot shows the Datacolor Track software interface. The 'Check Jobs' button in the toolbar is highlighted with a red box. The 'Location' column in the job list table is also highlighted with a red box, showing 'New' for all listed jobs.

Season	Brand	Std Color	Std Name	Fabric Description	Mill	Action	Item Type	Job Type	Style	Received From	Location	Job Attachment	Job Date
Fall 2008	JM		Dessert Sage 115 69 10	100% Cotton Jersey			Yarn-Dye	Development			New		4/30/2007 2:11:47 PM
Fall 2008	JM		Blue Skies 249 61 25	100% Cotton Interlock			Solid	Production			New		4/30/2007 11:42:24 AM
Summer 2008	JM		Hibiscus 043 38 41	100% Cotton Jersey			Solid	Development			New		4/30/2007 11:42:24 AM
Fall 2008	Mens INC		Bombay Ruby 360 20 13	100% Cotton Jersey			Solid	Production			New		4/30/2007 11:42:23 AM

Batch Color Round Submit Batch Name Mill Ref Batch Date Batch Instrument Ill/Obs DEcmc Action Hue Is Hue Direction Value Is Chroma Is Color Comments Metamerism Comm

Customer	Macy's	Due Date	June-08-2007	Color Service	Partone
Overseas Merchant		In DC Date		Job Comment	
Country of Origin		NY Colorist		LDR #	
Mill		OS Colorist		Std Instrument	%R unknown SCI

User: Administrator; 4 of 500, total 5 jobs; selected Batch in Job by : ordered by NY-Approved; still 1 undefined batch status

2. Suppliers who do not use Datacolor Track software



Communicating with Macy's

- a. The initial "Lab Dip Request" from Macy's will be sent to the supplier e-mail address designated by the Supplier.
- b. Macy's can send e-mail to ONLY ONE e-mail address per supplier

Example of the FIRST e-mail you will receive from Macy's requesting a Lab Dip if you do not have Datacolor Track Software

07/20/2007 02:50 AM "track@macys.com" <track@macys.com>

Please respond to
track@macys.com

To: ed.jones@macys.com
Subject: DCTrack::Color Test 000 00 99

Job Status=Open
Customer=Macy's
Supplier=Test Mill
LDR Number=1125
Color Standard=Color Test 000 00 99
Color Number=000 00 99
Standard Source=Scotdic
Service Ref #= G108 robin blue
Item Type=Solid
Job Type=Production
Request Type=PreStyle
Fabric=90% COTTON 10% HEMP CHAMBRAY
Fabric Detail=EXTRA FINE
Yarn=chenille
Wash=STONE WASHED
Coloration=TIE DYED
Finish=FLOCKED
Brand=TASSO ELBA
Palette-Season=Macys Test Palette
Delivery=1/7/2008
Overseas Office=Korea
LDR Comment=If you are receiving this request from Macy's by e-mail, please take action IMMEDIATELY to meet the deadline. E-mail color@macys.com with any questions.



cd75003b-be44-4512-8842-4a230686c3de.qtr



Communicating with Macy's

Explanations of Information on example of the FIRST e-mail you will receive from Macy's requesting a Lab Dip if you do not have Datacolor Track Software

07/20/2007 02:50 AM "track@macys.com" <track@macys.com>

Please respond to track@macys.com - Only e-mail responses with ".qtx" files attached and with a subject line beginning with DcTrack:: (DcTrack followed by double colon) should be sent to this e-mail address. NOTE: All other e-mail inquiries should be sent to color@macys.com, or to your local Macy's office colorist or merchandiser.

To: ed.jones@macys.com - This is the e-mail address we have in our records for your company.

Subject: DcTrack::Color Test 000 00 99

Job Status=Open - **Open: This is an "active" lab dip request. Closed: This lab dip has been canceled.**

Customer=Macy's - **This lab dip request is coming from Macy's**

Supplier=Jones Apparel Company - **This is the name of your company we have in our records.**

LDR Number=1125 - **This is the Macy's Lab Dip Request Number.**

Color Standard=Color Test 000 00 99 - **This is the Macy's color name. (Followed by the HLC Number)**

Color Number=000 00 99 - **This is the HLC (Hue, Lightness, Chroma) number for this color**
Standard Source=Scotdic - **This is the name of the Color Standards Provider from which you must purchase the color standard**

Service Ref #=G108 robin blue - **This is the Color Standard's Service name for the Color Standard**

Item Type=Solid - **Solid: Solid color on fabric (other possibilities: Pattern, Trim)**

Job Type=Production - **Macy's indicator that this request should be acted upon by the supplier.**

Request Type=PreStyle - **Pre-style means that Macy's is requesting this lab dip before assigning the color/ fabric combination to a style number (other possibilities: Post-style, Bulk)**

Fabric=90% COTTON 10% HEMP CHAMBRAY - **Fabric to use for the lab dip submittal**

Fabric Detail=EXTRA FINE - **Additional Fabric Information**

Yarn=chenille - **Additional Fabric Information**

Wash=STONE WASHED - **Additional Fabric Information**

Coloration=TIE DYED - **Additional Fabric Information**

Finish=FLOCKED - **Additional Fabric Information**

Brand=TASSO ELBA - **The Macy's Brand that is requesting this lab dip**

Palette-Season=Macys Test Palette - **The Macy's palette that this color belongs to**

Delivery=1/7/2008 - **The Macy's "In DC" date; date final garment must be in our Distribution Center**

Overseas Office=Korea - **The Macy's Overseas office - the office responsible for receiving your submittal**

LDR Comment=If you are receiving this request from Macy's by e-mail, please take action IMMEDIATELY to meet the deadline. E-mail color@macys.com with any questions. - **Comment reminding you about what needs to be done with this request.**



cd75803b-be44-4512-8642-4v230686c3de.qtx

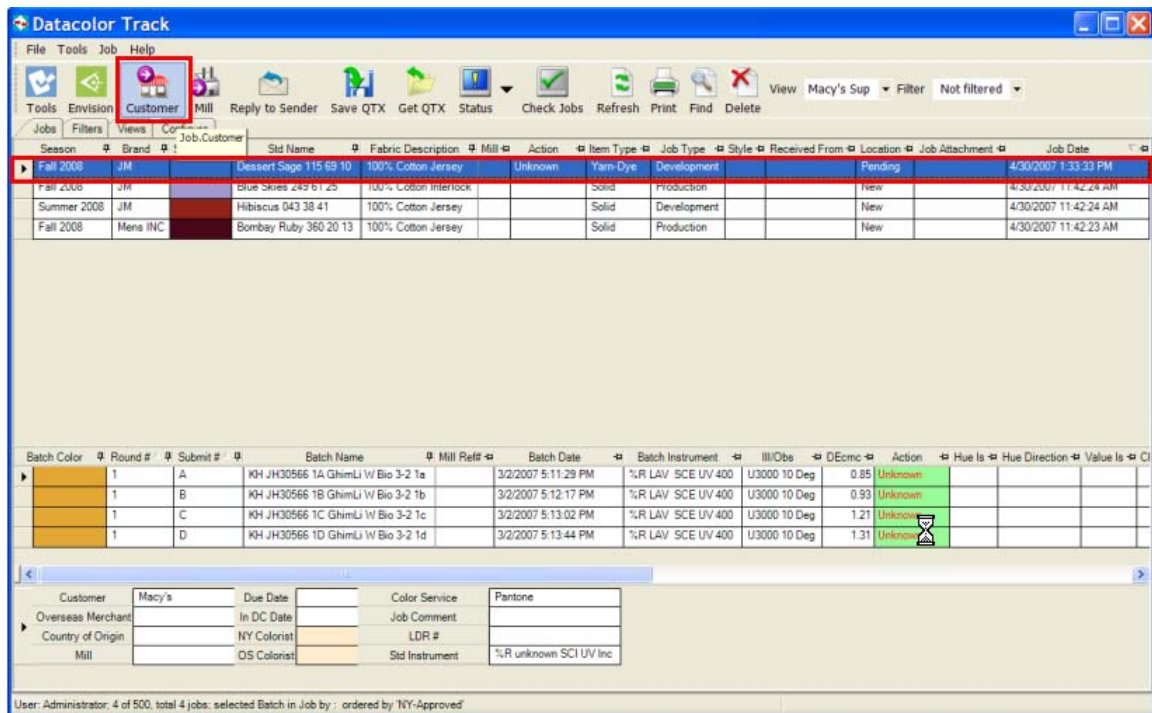
- **This is the "..QTX" file. This file is attached to the e-mail, and can be uploaded into software such as Datacolor Track. If you do not have Datacolor Track, you will have no program to use this file, but be sure to forward it to your Mill.**

Communicating with Macy's

Submitting a "solid" lab dip to Macy's

1. Suppliers who use Datacolor Track software
 - a. When the lab dip submittal has been received in Datacolor Track by the supplier from the Mill, the job can then be sent to Macy's.
 - b. The supplier selects one or more jobs in Datacolor Track to send to Macy's, and clicks on the "customer" button.

Example of "Selecting a job in Datacolor Track", and sending it to Macy's by clicking on the "customer" button.



Season	Brand	Std Name	Fabric Description	Mill	Action	Item Type	Job Type	Style	Received From	Location	Job Attachment	Job Date
Fall 2008	JM	Dessert Sage 115 69 10	100% Cotton Jersey	Unknown	Yarn-Dye	Development				Pending		4/30/2007 1:33:33 PM
Fall 2008	JM	Blue skies 243 61 25	100% Cotton Interlock			Solid	Production			New		4/30/2007 11:42:24 AM
Summer 2008	JM	Hibiscus 043 38 41	100% Cotton Jersey			Solid	Development			New		4/30/2007 11:42:24 AM
Fall 2008	Mena INC	Bombay Ruby 360 20 13	100% Cotton Jersey			Solid	Production			New		4/30/2007 11:42:23 AM

Batch Color	Round #	Submit #	Batch Name	Mill Ref#	Batch Date	Batch Instrument	Ill/Ob	DEcmc	Action	Hue Is	Hue Direction	Value Is
	1	A	KH JH30566 1A GhimLi W Bio 3-2 1a		3/2/2007 5:11:29 PM	%R LAV SCE UV 400	U3000 10 Deg	0.85	Unknown			
	1	B	KH JH30566 1B GhimLi W Bio 3-2 1b		3/2/2007 5:12:17 PM	%R LAV SCE UV 400	U3000 10 Deg	0.93	Unknown			
	1	C	KH JH30566 1C GhimLi W Bio 3-2 1c		3/2/2007 5:13:02 PM	%R LAV SCE UV 400	U3000 10 Deg	1.21	Unknown			
	1	D	KH JH30566 1D GhimLi W Bio 3-2 1d		3/2/2007 5:13:44 PM	%R LAV SCE UV 400	U3000 10 Deg	1.31	Unknown			

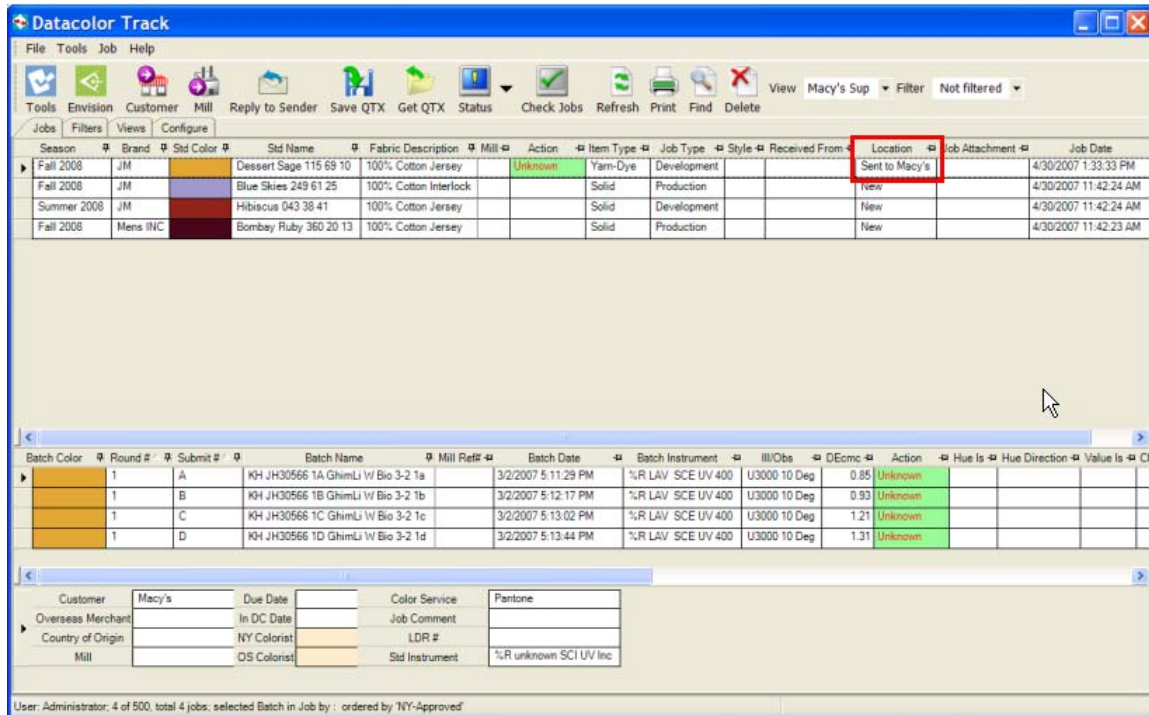
Customer	Macy's	Due Date		Color Service	Pantone
Overseas Merchant		In DC Date		Job Comment	
Country of Origin		NY Colorist		LDR #	
Mill		OS Colorist		Std Instrument	%R unknown SCI UV Inc

User: Administrator; 4 of 500, total 4 jobs; selected Batch in Job by: ordered by 'NY-Approved'

- c. The "Location" column in Datacolor track will show "Sent to Macy's".

Communicating with Macy's

Example of Datacolor Track Screen after Job sent to Macy's



2. Suppliers who do not use Datacolor Track software

- a. Sending an e-mail to Macy's with ".qtx" file attached to the e-mail
 - i. The e-mail must have a subject line of "DCTrack::Supplier [Test Mill] : Color Test 000 00 99"

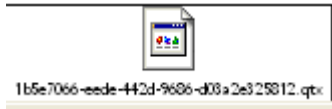
1. Substitute the correct supplier name for "test mill".
2. Substitute Macy's color name for "Color Test"
3. Substitute Macy's color HLC number for "000 00 99"
4. The correct information for the header will be in the header of the first e-mail you receive from Macy's (See example above).



Communicating with Macy's

5. The .qtx file must be "attached" to the e-mail.

Example of a ".qtx" file attachment



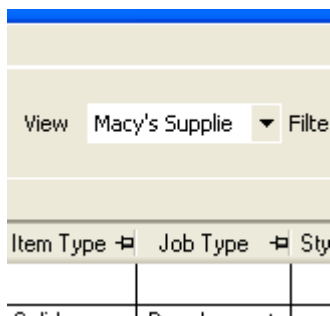
- b. Normal e-mail communications

- i. You may e-mail your Macy's Merchandiser or color@macys.com about your lab dip submittal at any time.

Receiving "solid" lab dip correction comments or Lab Dip approval from Macy's

1. Suppliers who use Datacolor Track software

- a. After the lab dip submittal has been received by Macy's, and the Macy's colorist evaluates it, the job will be returned it to the supplier "approved" or with correction "comments".
- b. The supplier Datacolor Track software MUST be set to the "Macy's Supplier View" to receive Macy's lab dip information correctly.

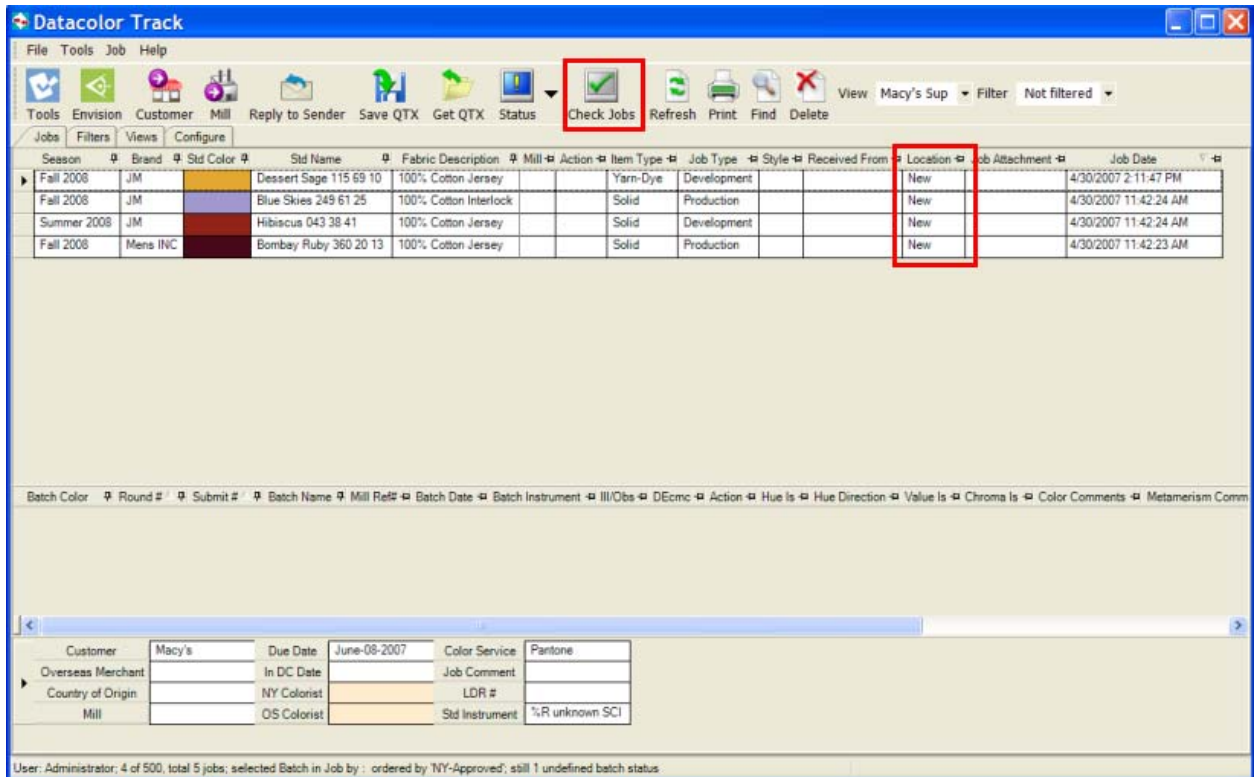


- c. When a Lab Dip job is sent from Macy's, the "Location" column in Datacolor Track will show "New" for this job.

Communicating with Macy's

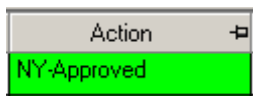
- d. The supplier clicks on the "Check Jobs" button to view "new" lab dip requests from Macy's.

Example of "Check jobs" in Datacolor Track



- e. If "Approved" the "Action" column will show either "OS-Approved" or "NY- Approved"

Example of Action Column showing "NY-Approved"



- f. If "Rejected", the "Action" column will show either "OS-Rejected" or "NY-Rejected"

Example of Action Column showing "NY-Rejected"



Communicating with Macy's

Action
NY-Rejected

- g. Correction "Comments" can then be viewed in the batch fields.

Example of Comments:

Batch Name	Batch Color	Round #	Submit #	DEcmc	Action	Value Is	Chroma Is	Hue Is
5870 ldr (c/o 5263) 1C 100% Cotton		1	C	0.78	NY-Rejected	Slightly Darker		Moderately blue

2. Suppliers who do not use Datacolor Track software

- a. All subsequent communications from Macys about the lab dip submittal will be sent to the supplier e-mail address designated by the Supplier.
- b. Macy's can send e-mail to ONLY ONE e-mail address per supplier



Communicating with Macy's

Example of the SUBSEQUENT e-mails you will receive from Macy's after making a Lab Dip submittal if you do not have Datacolor Track Software. These e-mails will contain comments from Macy's about your Lab Dip submittal.

<track@macys.com> 07/20/2007 11:48 AM

To: ed.jones@macys.com

Subject: DCTrack::Supplier [Test Mill] : Color Test 000 00 99

Job List Report											
LDR #	Next Round Due Date	Brand	Palette	Std Name	Fabric Description	Overseas Office	Supplier	Action	Mill	Item Type	Request Type
1064	July-31-2007	Karen Scott	Test Palette	Color Test 000 00 99	100% WOOL BASKET WEAVE	MMG	Jones Apparel Company	To Be Evaluated	GOOD MILL	Solid	PreStyle

Job_Header_1											
LDR #	Next Round Due Date	Brand	Palette	Std Name	Fabric Description	Overseas Office	Supplier	Action	Mill	Item Type	Request Type
1064	July-31-2007	Karen Scott	Test Palette	Color Test 000 00 99	100% WOOL BASKET WEAVE	MMG	Jones Apparel Company	To Be Evaluated	GOOD MILL	Solid	PreStyle

Job_Details_1							
Approval Date	In DC Date	Next Round Due Date	NY Colorist	OS Colorist	Color Service	Service Reference	Std Instrument
July-19-2007	2/4/2008	July-31-2007	Abby DeSantis	Amy Lee	Huntsman	color@macys.com	%R LAV SCI UV Inc



Communicating with Macy's

Batches _1													
Batch Name	Round #	Submit #	Mill Ref #	Batch Instrument	Ill/Obs	DEcmc	Action	Value Is	Chroma Is	Hue Is	Color Comments	Metamerism Comments	Submit Date
HK 1A	1	A		%R NORMA L SCI UV 400	UL30 00 10 Deg	80.1461 79	OS- Rejected			Considerably Too Blue			July-19-2007
2G	2	G		%R NORMA L SCI UV 400	UL30 00 10 Deg	76.2263 11	NY- Rejected	Moderately Darker					July-19-2007



74655bd0-2476-4bc0-8b00-19731a86c5df.qtx



Communicating with Macy's

Explanations of Information on example of the SUBSEQUENT e-mails you will receive from Macy's after making a Lab Dip submittal if you do not have Datacolor Track Software. These e-mails will contain comments from Macy's about your Lab Dip submittal.

<track@macys.com> 07/20/2007 11:48 AM

This shows where the e-mail came from. DO NOT respond to this e-mail address. If you have questions, send your e-mail to color@macys.com

To: ed.jones@macys.com

Subject: DCTrack::Supplier [Test Mill] : Color Test 000 00 99

Job List Report											
LDR #	Next Round Due Date	Brand	Palette	Std Name	Fabric Description	Overseas Office	Supplier	Action	Mill	Item Type	Request Type
1064	July-31-2007	Karen Scott	Test Palette	Color Test 000 00 99	100% WOOL BASKET WEAVE	Korea	Jones Apparel Company	To Be Evaluated	GOOD MILL	Solid	PreStyle
Macy's Lab Dip Request Number.	The date the next round is due to Macy's.	Macy's Brand that requested the Lab Dip.	Palette to which the color belongs	Macy's name for the color and color number.	Description of the fabric you are lab dipping the color on.	Macy's Overseas office responsible for production.	The name of your company in our records.	The action that is being taken on your submittal	The mill you are working with if known to us	Solid Trim or Print/Pattern	Type of lab dip. In this case we are requesting a dip before assigning to a style

Job_Header_1											
LDR #	Next Round Due Date	Brand	Palette	Std Name	Fabric Description	Overseas Office	Supplier	Action	Mill	Item Type	Request Type
1064	July-31-2007	Karen Scott	Test Palette	Color Test 000 00 99	100% WOOL BASKET WEAVE	MMG	Jones Apparel Company	To Be Evaluated	GOOD MILL	Solid	PreStyle

If there is only one job in this e-mail, this row is a repeat of the Job List Report above. If there are multiple jobs in this e-mail, this row will be different.



Communicating with Macy's

Job_Details_1							
Approval Date	In DC Date	Next Round Due Date	NY Colorist	OS Colorist	Color Service	Service Reference	Std Instrument
	2/4/2008	July-31-2007	Abby DeSantis	Amy Lee	Scotdic	G108 robin blue	%R LAV SCI UV Inc
When this column is filled in with a date, this lab dip submittal has been approved by Macy's on the date shown. If there is no date, the lab dip has not yet been approved. NOTE: If empty, this column will be HIDDEN.	Macy's In DC Date. This is the date the finished garment is due into our distribution center	When this column is filled in with a date, this lab dip submittal has been rejected and must be re-submitted by the date shown.	Macy's NY Colorist responsible for evaluating your lab dip submittal.	Macy's Overseas Colorist responsible for evaluating your lab dip submittal.	Color Service Providerfrom which you must purchase your color standard	Name for the color that the Color standards provider (CSP) uses.	Setting for the instrument used by the color standards service company when creating the reflectance information in the ".qtx" file.

Communicating with Macy's

Batches _1													
Batch Name	Round #	Submit #	Mill Ref #	Batch Instrument	Ill/Ob s	DEcmc	Action	Value Is	Chroma Is	Hue Is	Color Comments	Metamerism Comments 1	Submit Date
Lab dips in this batch. The first has the initials "HK" before it as round 1 submittal evaluated in HK.	Round Number (1, 2, or 3)	Submit Number (a, b, c, d, etc.)		Settings for the instrument used to measure the dip shown.	Illuminant and the Standard observer for the Illuminant	Total color difference between standard and the lab dip	Action for this dip: OS-Rejected, OS-Prescreened; NY-Approved, NY-Rejected	Value "comments" by Macy's colorist	Chroma "comments" by Macy's colorist	Hue "comments" by Macy's colorist	Additional "comments" by Macy's colorist	Metamerism "comments" by Macy's colorist	Date lab dip was submitted by the supplier.
HK 1A	1	A		%R NORMAL SCI UV 400	UL30 00 10 Deg	80.1461 79	OS- Rejected			Considerably too blue			July-19-2007
2G	2	G		%R NORMAL SCI UV 400	UL30 00 10 Deg	76.2263 11	NY- Rejected	Moderately Darker					July-19-2007

In this example, the lab dip was "requested" from this supplier on 7/19/2007. The supplier submitted the first round, but none of the 4 dip samples in the batch met Macy's standards. Sample 1A was the closest, so the Overseas Colorist sent comments back to this supplier about it, to get a better submittal for round 2. Sample 2G was "NY-Rejected". Note: DEcmc values in this example are "dummy" values generated by Datacolor Tools when the Macy's colorist did a "visual only" evaluation.



Communicating with Macy's

NOTE: If any column or field in the forms above is "empty" (contains no data), it will be HIDDEN (not appear) in the e-mail.



74655bd0-2476-4bc0-8b00-19731a86c5df.qtx **QTX File**

Communicating with Macy's

Solid bulk fabric submittal to Macy's

The supplier is authorized to begin dyeing bulk greige yarn/fabric when the lab dip is approved, and the Purchase Authorization has been received from the Macy's Merchandiser. When bulk production begins, the mill takes yardage, often from the 1st run of production and submits a sample to the Macy's Colorist. This is referred to as "bulk fabric submittal". The supplier should submit a "bulk fabric submittal" as soon as bulk has been produced. There will be no formal communication from Macy's requesting the submittal other than the Purchase Authorization and Lab Dip Approval.

Receiving "solid" bulk correction comments or approval from Macy's

1. Suppliers who use Datacolor Track software
 - a. ALL communications about bulk "approval" or "correction" will be from the Macy's Merchandiser, in the form of an e-mail.
 - b. Suppliers with Datacolor Track will NOT receive communications about bulk in Datacolor Track.
2. Suppliers who do not use Datacolor Track software
 - a. The Macy's merchandiser will e-mail the supplier to communicate bulk approval or correction comments.

DTM Trim Submittal

DTM Trim is trim, which is developed from a design concept/specification with the color being dyed-to-match a specified body color or a specified color in a pattern/print.




Communicating with Macy's

Receiving a DTM trim lab dip request from Macy's

Trim specifications, including DTM trim requirements will be communicated to the supplier by the Macy's Merchandiser in the Macy's "development package" When the Macy's merchandiser e-mails the development package to the supplier, a DTM Trim Lab Dip is authorized and requested.

Example of Development Sheet page relating to trim:



Product Development - Knit


MS Request
CS Request

Dept: 477 JM COLLECTION PETITES	Org Chart: 0017/JM COLLECTION/LMURPHY	FOB: 140	SFOB: 140	O/O: MMG
Style: 8914PORQ	Description: PRNT FAUX SRPL DRESS	Label Type: Top Sew		Create Date: 10/8/2007
Season: Spring 2008	Supplier: DFA / DESIGN FOR ALL, LLC	Product Manager: LMURPHY		Revised Date: 12/3/2007
Group: JULY	Country: US-U.S.A.	Technical Designer: Maya Litvak		Ship Date:
Block Ref:	Size Range: Petite P-S-M-L-XL	Designer: Nicolette Stalzer		In DC Date: 06/02/2008
As Body#:	Flat/Hang: FH - Flat Hanger	Mode Of Trans: T - Truck		In Store: 6/9/2008

Product Traits

PDM

Block Spec



Design/Trim Details

Trimming 1: Piping, Qty: N/A
Comments: 1/8 Inch SOLID PIPING AT FRONT WAISTLINE, DTM GROUND COLOR

Trimming 2: Binding, Qty: N/A
Comments: 1/4 Inch BINDING AROUND SURPLICE/NECKLINE, DTM GROUND COLOR

Belt: Self
Comments: SELF FABRIC TIE BELT

Fabric Detail

Fabric Supplier: DFA / DESIGN FOR ALL, LLC
Comments: 180 M/G2

Content 1: 91% Poly
Comments: ITY PRINT

Content 2: 9% Spandex

Receiving DTM trim correction comments and approval from Macy's

DTM Trim correction comments or approval will be communicated to the supplier by e-mail from the Macy's Merchandiser.

Bulk DTM trim communications

Bulk DTM trim correction comments or approval will be communicated to the supplier by e-mail from the Macy's Merchandiser.



Communicating with Macy's

Print / Pattern Submittal

A "print/ pattern" is fabric that is printed, woven, embroidered or knitted from artwork in color combinations (known as "colorways").

Receiving a print/ pattern strike-off request from Macy's

The submittal request will be sent to the Supplier by the Macy's Merchandiser, along with the Macy's pitch sheet, artwork, and any additional required information.



Communicating with Macy's

Example of Pitch Sheet (Form may vary by Brand):

VENDOR DEVELOPMENT		COPY PRODUCTION	DESIGN	PRODUCT	MMG PITCH SHEET			
KAREN SCOTT								
SEASON:	HOLIDAY (S)			STYLE:	5805			
DELIVERY:	RASCALLY SWIRL			FABRIC CONTENT:	100% COTTON INTL-LOCK			
PATTERN NAME:	GIBB LI			WEIGHT:	220CM			
VENDOR:				COUNTRY:	SINGAPORE			
VENDOR PRINT REF:				DATE:	12/2/2007 REV #22			
COLOR 1	COLOR 2	COLOR 3	COLOR 4	COLOR 5	COLOR 6	COLOR 7	COLOR 8	COLOR 9
GROUND ORIGINAL	DEEP CHANTI	CHANTI	SOFT DARK PINK	SOAPSTONE	ABARETTO	PALE ROSE	QUARTZ	
COMBO A	REVISED			SHINKII COMBO				
DEEP CHANTI	CHANTI	SOFT DARK PINK	SOAPSTONE	ABARETTO	PALE ROSE	QUARTZ		
COMBO B	REVISED			ROYAL NAVY COMBO				
ROYAL NAVY	COBALT BLUE	TEAL STORM	PORCELAIN BLUE	DULL HAZELNUT	BEDTONE	PORCELAIN BLUE		
COMBO C	REVISED			ONYX BLACK COMBO				
ONYX BLACK	VIENNA	SANDALWOOD	EGGSHELL	WALNUT	BRIGHT BUFF			
COMBO D	DROPPED							
CASIS	BEDTONE CASIS	LIGHT BEDTONE CASIS	PERSIAN VIOLET	REDURI COFFEE				
COMBO A - OPT B ADDED								
DEEP CHANTI	CHANTI	DARK ROSE PINK	ROSE QUARTZ	ABARETTO	BEDTONE SANDALWOOD			
COMBO C - OPT B ADDED								
ONYX BLACK	WALNUT	DEEP SANDALWOOD	BUFF	DK. CANDY RED	EGGSHELL			
COMBO G								
COMBO H								
COMBO I								
COMBO J								
PLS FOLLOW NEW REVISED ARTWORK AND CD FOR LAYOUT AND REPEAT								
PLEASE FOLLOW ACTUAL STANDARD FOR ALL PALETTE COLORS & FOLLOW CHIPS FOR ACCENT COLORS								

© AUTUMN: Property Artwork owned by Macy's Merchandising Group... DO NOT DISCLOSE TO COMPETITIVE MARKET

Receiving print/ pattern comments from Macy's

The print/pattern approval or comments for corrections will be sent in an e-mail by the Macy's merchandiser. The .pdf file attached to the e-mail will provide details.



Communicating with Macy's

Example of e-mail, and attached .pdf.



<nf0ewj@macys.com>

05/08/2008 04:24 PM

To	<nf0ewj@Macys.com>
cc	<nf0ewj@Macys.com>
bcc	
Subject	LDR # 4456

Your print # KAR138 is approved. See attached PDF for details.





Communicating with Macy's

Example of contents of the .pdf file with details:



Brand		Hierarchy					Season Year	
KAREN SCOTT		MS & WMN SPORTSWEAR - ALL - ALL					Fall 2008	
LDR #	Type	Pattern #	Pattern Description	Colorway	Color Description	Supplier	Office	
4456	Print	KAR138	TONAL GARDEN	COMBO G	PALE GREY HTHR	GHIM LI GLOBAL PTE LTD	SIN	
Fabric								
100% COTTON , INTERLOCK , 220, GM/M2								
Style #		Description				In DC		
5492		L/5 tonal grdn edv v				07/07/2008		
Current Status								
Approval Person: Designer - NY Colorist								
Target Approval: 2/29/2008								
Path: Focus								
Created Date: 1/8/2008 nf0r2j								
Last Revised: 3/27/2008 nf0r2j								
Round: 2								
Due Date: 2/26/2008								
Approval								
Decision: Approved		Color: Approved		Color 1: PALE GREY HTHR	Comments: APP AS PER L/D			
				Color 2: LIGHT ONYX BLACK	Comments: APPROVED			
Quality:					Comments:			
Technique: Approved					Comments:			
Layout: Approved					Comments:			
Repeat: Approved					Comments:			
General Comments:								

Brand		Hierarchy					Season Year	
KAREN SCOTT		MS & WMN SPORTSWEAR - ALL - ALL					Fall 2008	
LDR #	Type	Pattern #	Pattern Description	Colorway	Color Description	Supplier	Office	
4456	Print	KAR138	TONAL GARDEN	COMBO G	PALE GREY HTHR	GHIM LI GLOBAL PTE LTD	SIN	
History								
Round 1		nf0r2j 2/5/2008						
Due Date: 1/29/2008								
Decision: Not Approved		Color: Not Approved		Color 1: PALE GREY HTHR	Comments: APP AS PER L/D			
				Color 2: LIGHT ONYX BLACK	Comments: N/A SL TO MOD DARK			
Quality:					Comments:			
Technique:					Comments: TECHNIQUE- LINES ARE VERYHEAVY AND DENSE, SHOULD BE MUCH LIGHTER AND FINER, PLS SEE PITCH ARTWORK			
Layout:					Comments:			
Repeat:					Comments:			
General Comments:								



Communicating with Macy's

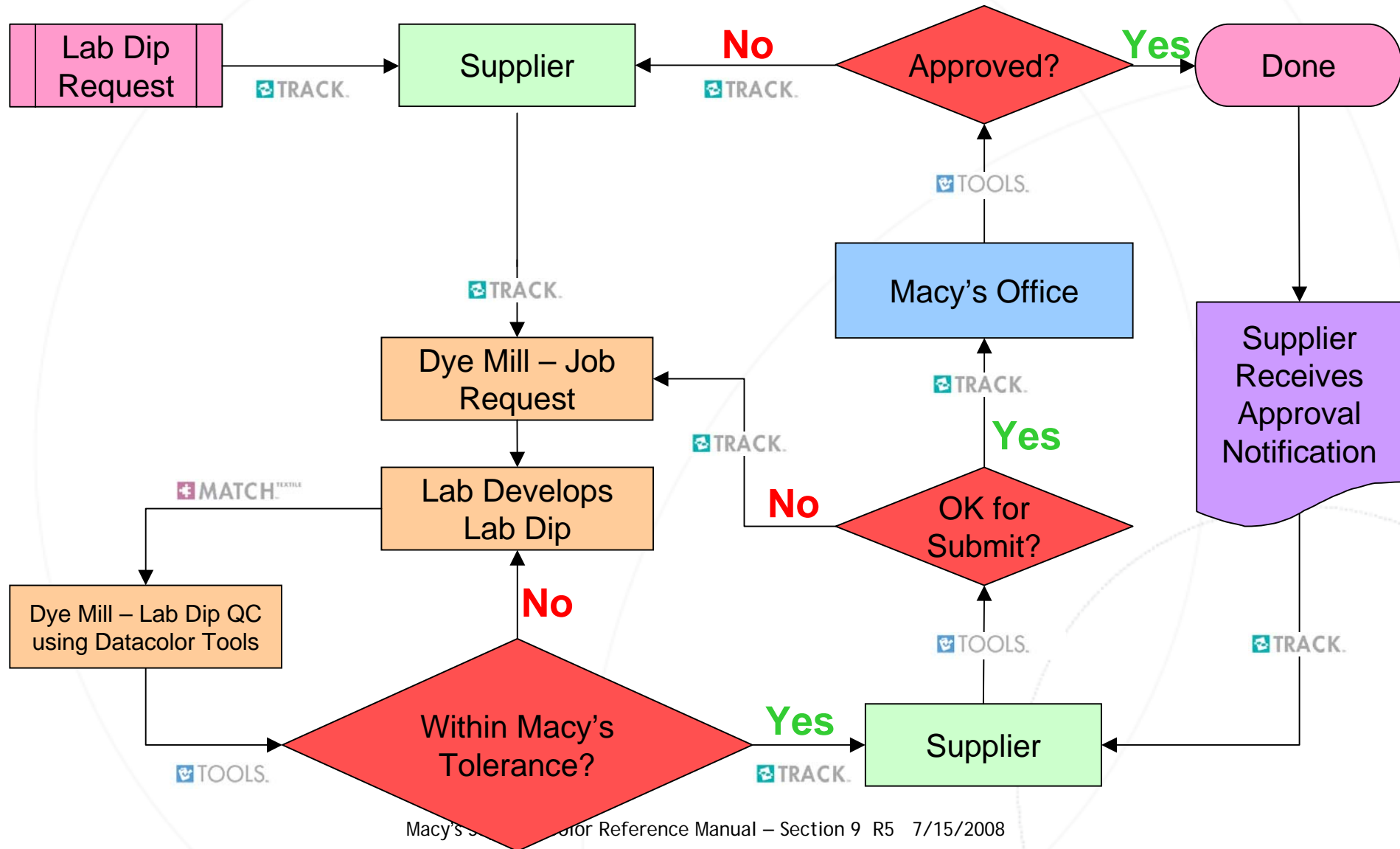
Print / Pattern bulk communications

The print/pattern bulk approval or comments for corrections will be sent in an e-mail by the Macy's merchandiser.

Macy's Color Communications for Solid Colors with Suppliers using Datacolor Software

- Datacolor TRACK Color Communication Software
- Datacolor TOOLS QC Software

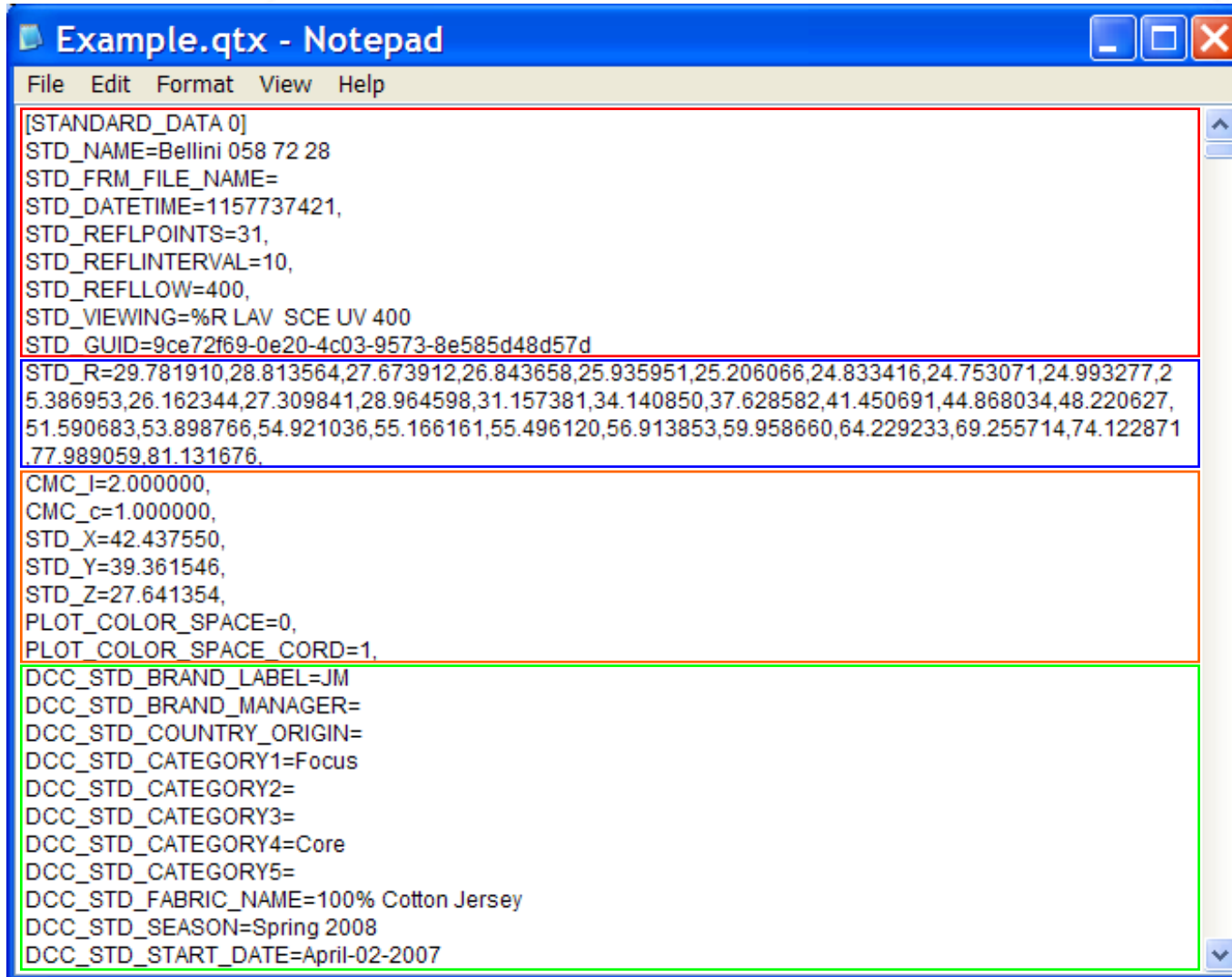
Macy's Process Flow



What is a QTX File?

- The QTX file carries information to Datacolor Track
- A QTX file contains measurement data as percent reflectance (%R)
- A QTX file also contains development requirements such as season, style, and fabric description
- A QTX can be opened with Notepad, but is primarily opened with QC software
- QTX files are used by the mill to develop lab dip submittals

Information that is in a QTX File



```
Example.qtx - Notepad
File Edit Format View Help
[STANDARD_DATA 0]
STD_NAME=Bellini 058 72 28
STD_FRM_FILE_NAME=
STD_DATETIME=1157737421,
STD_REFLPOINTS=31,
STD_REFLINTERVAL=10,
STD_REFLOW=400,
STD_VIEWING=%R LAV SCE UV 400
STD_GUID=9ce72f69-0e20-4c03-9573-8e585d48d57d
STD_R=29.781910,28.813564,27.673912,26.843658,25.935951,25.206066,24.833416,24.753071,24.993277,2
5.386953,26.162344,27.309841,28.964598,31.157381,34.140850,37.628582,41.450691,44.868034,48.220627,
51.590683,53.898766,54.921036,55.166161,55.496120,56.913853,59.958660,64.229233,69.255714,74.122871
,77.989059,81.131676,
CMC_I=2.000000,
CMC_c=1.000000,
STD_X=42.437550,
STD_Y=39.361546,
STD_Z=27.641354,
PLOT_COLOR_SPACE=0,
PLOT_COLOR_SPACE_CORD=1,
DCC_STD_BRAND_LABEL=JM
DCC_STD_BRAND_MANAGER=
DCC_STD_COUNTRY_ORIGIN=
DCC_STD_CATEGORY1=Focus
DCC_STD_CATEGORY2=
DCC_STD_CATEGORY3=
DCC_STD_CATEGORY4=Core
DCC_STD_CATEGORY5=
DCC_STD_FABRIC_NAME=100% Cotton Jersey
DCC_STD_SEASON=Spring 2008
DCC_STD_START_DATE=April-02-2007
```

Standard

%R

Colorimetric

Development

Macy's Process Flow

- Supplier receives new jobs in Datacolor TRACK

Datacolor Track

File Tools Job Help

Tools Envision Customer Mill Reply to Sender Save QTX Get QTX Status **Check Jobs** Refresh Print Find Delete

View Macy's Sup Filter Not filtered

Season	Brand	Std Color	Std Name	Fabric Description	Mill	Action	Item Type	Job Type	Style	Received From	Location	Job Attachment	Job Date
Fall 2008	JM		Dessert Sage 115 69 10	100% Cotton Jersey			Yarn-Dye	Development			New		4/30/2007 2:11:47 PM
Fall 2008	JM		Blue Skies 249 61 25	100% Cotton Interlock			Solid	Production			New		4/30/2007 11:42:24 AM
Summer 2008	JM		Hibiscus 043 38 41	100% Cotton Jersey			Solid	Development			New		4/30/2007 11:42:24 AM
Fall 2008	Mens INC		Bombay Ruby 360 20 13	100% Cotton Jersey			Solid	Production			New		4/30/2007 11:42:23 AM

Batch Color Round # Submit # Batch Name Mill Ref# Batch Date Batch Instrument III/Obs DEcmc Action Hue Is Hue Direction Value Is Chroma Is Color Comments Metamerism Comm

Customer	Macy's	Due Date	June-08-2007	Color Service	Pantone
Overseas Merchant		In DC Date		Job Comment	
Country of Origin		NY Colorist		LDR #	
Mill		OS Colorist		Std Instrument	%R unknown SCI

User: Administrator; 4 of 500, total 5 jobs; selected Batch in Job by: ordered by 'NY-Approved'; still 1 undefined batch status

Macy's Process Flow

- Supplier sends Job to Mill using Datacolor Track
- Mill develops Lab Dip Submittal

Macy's Process Flow

- Mill selects a job and sends to Datacolor TOOLS to evaluate Lab Dip Submittal before submitting to Macy's

The screenshot shows the Datacolor Track application window. The 'Tools' icon in the top toolbar is highlighted with a red box. Below the toolbar is a table of job data with the first row highlighted in red. At the bottom, there is a form for job details.

Season	Brand	Std Color	Std Name	Fabric Description	Mill	Action	Item Type	Job Type	Shile	Received From	Location	Job Attachment	Job Date	
Fall 2008	JM		Dessert Sage 115 69 10	100% Cotton Jersey			Yarn-Dye	Development					New	4/30/2007 11:42:24 AM
Fall 2008	JM		Blue Skies 249 61 25	100% Cotton Interlock			Solid	Production					New	4/30/2007 11:42:24 AM
Summer 2008	JM		Hibiscus 043 38 41	100% Cotton Jersey			Solid	Development					New	4/30/2007 11:42:24 AM
Fall 2008	Mens INC		Bombay Ruby 360 20 13	100% Cotton Jersey			Solid	Production					New	4/30/2007 11:42:23 AM

Batch Color Round # Submit # Batch Name Mill Ref# Batch Date Batch Instrument Ill/Obs DEcmc Action Hue Is Hue Direction Value Is Chroma Is Color Comments Metamerism Comme

Customer: Macy's Due Date: Color Service: Pantone
 Overseas Merchant: In DC Date: Job Comment:
 Country of Origin: NY Colorist: LDR #:
 Mill: OS Colorist: Std Instrument: %R unknown SCI

User: Administrator; 4 of 500, total 4 jobs; selected Batch in Job by : ordered by 'NY-Approved'

Macy's Process Flow

- Mill views Macy's TOOLS screen

!MACYS SUPPLIER SCREEN FORM

Standard Name/# 1 of 1

Standard Number: **1156910**

Date Std. Measured: **02-Mar-07** FILE:

Lab Dip Ref # 0 of 0

Date: Time: L/D FILE:


STANDARD INSTRUMENT: %R unknown SCI UV Inc S/N

BATCH INSTRUMENT: S/N

Lab Dip is: cmc DL cmc DC cmc DH cmc DE Lightness Chroma Hue

U3000 10 Deg
D65 10 Deg
A 10 Deg

Comments: Value is: Chroma is: Hue is:
Comments:



Single/All

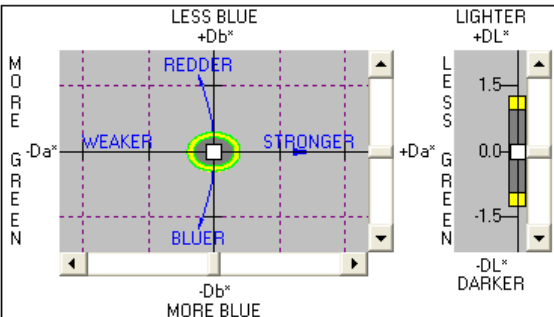
Zoom In

Zoom Out

Print Current

Print All

Open Trim



ACTION:

MORE GREEN

MORE BLUE

MORE GREEN

DARKER

Metamerism:

Round: Submit:

LDR#:

Submit Date: Due Date:

Colorist: OS Colorist:

Item Type: Yarn-Dye

Job Type: Development

Season: Fall 2008

Brand: JM

Style Number:

Office:

Supplier: Ghim Li

Fabric: 100% Cotton Jersey

Mill Name:

Mill Ref #:

Print Submittal Form

Macy's Process Flow

- Mill Measures Lab Dip Submittals and enters information

!MACYS SUPPLIER SCREEN FORM

Standard Name/# 1 of 1

Standard Number: **1156910**

Date Std. Measured: **02-Mar-07** FILE:


Lab Dip Ref # 4 of 4

Date: **02-Mar-07** Time: **17:13:44** L/D FILE:

STANDARD INSTRUMENT: %R unknown SCI UV Inc S/N
 BATCH INSTRUMENT: %R LAV SCE UV 400 S/N

Lab Dip is:	cmc DL	cmc DC	cmc DH	cmc DE	Lightness	Chroma	Hue
U3000 10 Deg	0.03	-1.12	0.69	1.31	Too Light	Too Dull	Too Blue
D65 10 Deg	0.08	-0.82	0.79	1.14	Too Light	Too Dull	Too Blue
A 10 Deg	0.05	-1.01	1.00	1.42	Too Light	Too Dull	Too Blue

Comments: Value is: Chroma is: Hue is:
 Comments:



Single/All

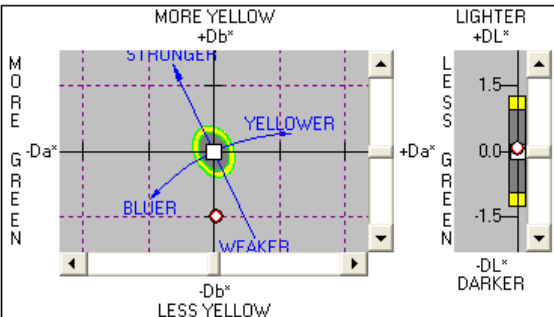
Zoom In

Zoom Out

Print Current

Print All

Open Trim



ACTION:

.

Metamerism:

Round: Submit:

LDR#:

Submit Date: Due Date:

Colorist: OS Colorist:

Item Type: Yarn-Dye

Job Type: Development

Season: Fall 2008

Brand: JM

Style Number:

Office:

Supplier: Ghim Li


Fabric: 100% Cotton Jersey

Print Submittal Form

Mill Name:
 Mill Ref #:

Macy's Process Flow

- Mill Prints a lab dip submittal form and attach samples

		Lab Dip Submittal Form				LDR# _____							
Submission Date : _____		Brand/Label : _____		Target Approval Date : _____									
Supplier Name : _____		Style No. : _____		1st In DC Date : _____									
MMG Office : _____		Lab Dip Round : _____		1st Ship Window : _____									
Fabric Description : _____		Season : _____		Mill : _____									
						Mill Reference # : _____							
Attach 4 lab dip submittals here. Minimum Size: 2.5" x 2.5" Attach Mill Spectrophotometer Readings													
S U P P L I E R	COLOR STANDARD # _____												
	Lab Dip Submittal:		Lab Dip Submittal:		Lab Dip Submittal:								
M M G	Check one:	<input type="checkbox"/> Slightly	<input type="checkbox"/> Moderately	<input type="checkbox"/> Very	<input type="checkbox"/> Slightly	<input type="checkbox"/> Moderately	<input type="checkbox"/> Very	<input type="checkbox"/> Slightly	<input type="checkbox"/> Moderately	<input type="checkbox"/> Very	<input type="checkbox"/> Slightly	<input type="checkbox"/> Moderately	<input type="checkbox"/> Very
	Red / Green												
	Yellow / Blue												
	Bright / Dull												
	Light / Dark												
	Spectro	DEcmc _____			DEcmc _____			DEcmc _____			DEcmc _____		
	InTolerance	<input type="checkbox"/> Yes / <input type="checkbox"/> No <input type="checkbox"/> NA			<input type="checkbox"/> Yes / <input type="checkbox"/> No <input type="checkbox"/> NA			<input type="checkbox"/> Yes / <input type="checkbox"/> No <input type="checkbox"/> NA			<input type="checkbox"/> Yes / <input type="checkbox"/> No <input type="checkbox"/> NA		
	OS Decision	<input type="checkbox"/> Pre-screened / <input type="checkbox"/> Rejected			<input type="checkbox"/> Pre-screened / <input type="checkbox"/> Rejected			<input type="checkbox"/> Pre-screened / <input type="checkbox"/> Rejected			<input type="checkbox"/> Pre-screened / <input type="checkbox"/> Rejected		
NY Decision	<input type="checkbox"/> Approved / <input type="checkbox"/> Rejected			<input type="checkbox"/> Approved / <input type="checkbox"/> Rejected			<input type="checkbox"/> Approved / <input type="checkbox"/> Rejected			<input type="checkbox"/> Approved / <input type="checkbox"/> Rejected			
Name of NY Colorist: _____		Date: _____											
Submittal Receipt Dates		Overseas _____		NY _____		<input type="checkbox"/> Spectro Readings Attached							
COMMENTS: _____ _____ _____													

Revised 9-15-2008

Macy's Process Flow

- Mill sends the job back to Datacolor TRACK

Datacolor Track

File Tools Job Help

Tools Envision Customer Mill Reply to Sender Save QTX Get QTX Status Check Jobs Refresh Print Find Delete View Macy's Sup Filter Not filtered

Jobs Filters Views Configure

Season	Brand	Std Color	Std Name	Fabric Description	Mill	Action	Item Type	Job Type	Style	Received From	Location	Job Attachment	Job Date
Fall 2008	JM		Dessert Sage 115 69 10	100% Cotton Jersey		Unknown	Yarn-Dye	Development			Pending		4/30/2007 2:34:17 PM
Fall 2008	JM		Blue Skies 249 61 25	100% Cotton Interlock			Solid	Production			New		4/30/2007 11:42:24 AM
Summer 2008	JM		Hibiscus 043 38 41	100% Cotton Jersey			Solid	Development			New		4/30/2007 11:42:24 AM
Fall 2008	Mens INC		Bombay Ruby 360 20 13	100% Cotton Jersey			Solid	Production			New		4/30/2007 11:42:23 AM

Batch Color	Round #	Submit #	Batch Name	Mill Ref#	Batch Date	Batch Instrument	III/Obs	DEcmc	Action	Hue Is	Hue Direction	Value Is
	1	A	KH JH30566 1A GhimLi W Bio 3-2 1a		4/30/2007 2:10:37 PM	%R LAV SCE UV 400	U3000 10 Deg	0.85	Unknown			
	1	B	KH JH30566 1B GhimLi W Bio 3-2 1b		4/30/2007 2:10:38 PM	%R LAV SCE UV 400	U3000 10 Deg	0.93	Unknown			
	1	C	KH JH30566 1C GhimLi W Bio 3-2 1c		4/30/2007 2:10:38 PM	%R LAV SCE UV 400	U3000 10 Deg	1.21	Unknown			
	1	D	KH JH30566 1D GhimLi W Bio 3-2 1d		4/30/2007 2:10:38 PM	%R LAV SCE UV 400	U3000 10 Deg	1.31	Unknown			

Customer	Macy's	Due Date	December-30-1899	Color Service	Pantone
Overseas Merchant		In DC Date		Job Comment	
Country of Origin		NY Colorist		LDR #	
Mill		OS Colorist		Std Instrument	%R unknown SCI UV Inc

User: Administrator; 4 of 500, total 4 jobs; selected Batch in Job by : last measured; still 1 undefined batch status

Macy's Process Flow

- Mill Select one or more jobs and send to Supplier

Datacolor Track

File Tools Job Help

Tools Envision **Customer** Mill Reply to Sender Save QTX Get QTX Status Check Jobs Refresh Print Find Delete

View Macy's Sup Filter Not filtered

Season	Brand	Job.Custome	Std Name	Fabric Description	Mill	Action	Item Type	Job Type	Style	Received From	Location	Job Attachment	Job Date
Fall 2008	JM		Dessert Sage 115 69 10	100% Cotton Jersey		Unknown	Yarn-Dye	Development			Pending		4/30/2007 1:33:33 PM
Fall 2008	JM		Blue Skies 249 61 25	100% Cotton Interlock			Solid	Production			New		4/30/2007 11:42:24 AM
Summer 2008	JM		Hibiscus 043 38 41	100% Cotton Jersey			Solid	Development			New		4/30/2007 11:42:24 AM
Fall 2008	Mens INC		Bombay Ruby 360 20 13	100% Cotton Jersey			Solid	Production			New		4/30/2007 11:42:23 AM

Batch Color	Round #	Submit #	Batch Name	Mill Ref#	Batch Date	Batch Instrument	III/Obs	DEcmc	Action	Hue Is	Hue Direction	Value Is	CI
	1	A	KH JH30566 1A GhimLi W Bio 3-2 1a		3/2/2007 5:11:29 PM	%R LAV SCE UV 400	U3000 10 Deg	0.85	Unknown				
	1	B	KH JH30566 1B GhimLi W Bio 3-2 1b		3/2/2007 5:12:17 PM	%R LAV SCE UV 400	U3000 10 Deg	0.93	Unknown				
	1	C	KH JH30566 1C GhimLi W Bio 3-2 1c		3/2/2007 5:13:02 PM	%R LAV SCE UV 400	U3000 10 Deg	1.21	Unknown				
	1	D	KH JH30566 1D GhimLi W Bio 3-2 1d		3/2/2007 5:13:44 PM	%R LAV SCE UV 400	U3000 10 Deg	1.31	Unknown				

Customer	Macy's	Due Date		Color Service	Pantone
Overseas Merchant		In DC Date		Job Comment	
Country of Origin		NY Colorist		LDR #	
Mill		OS Colorist		Std Instrument	%R unknown SCI UV/Inc

User: Administrator; 4 of 500, total 4 jobs; selected Batch in Job by : ordered by 'NY-Approved'

Macy's Process Flow

- Supplier select one or more jobs and sends to Macy's

Datacolor Track

File Tools Job Help

Tools Envision **Customer** Mill Reply to Sender Save QTX Get QTX Status Check Jobs Refresh Print Find Delete

View Macy's Sup Filter Not filtered

Season	Brand	Job	Std Name	Fabric Description	Mill	Action	Item Type	Job Type	Style	Received From	Location	Job Attachment	Job Date
Fall 2008	JM		Dessert Sage 115 69 10	100% Cotton Jersey		Unknown	Yarn-Dye	Development			Pending		4/30/2007 1:33:33 PM
Fall 2008	JM		Blue Skies 249 61 25	100% Cotton Interlock			Solid	Production			New		4/30/2007 11:42:24 AM
Summer 2008	JM		Hibiscus 043 38 41	100% Cotton Jersey			Solid	Development			New		4/30/2007 11:42:24 AM
Fall 2008	Mens INC		Bombay Ruby 360 20 13	100% Cotton Jersey			Solid	Production			New		4/30/2007 11:42:23 AM

Batch Color	Round #	Submit #	Batch Name	Mill Ref#	Batch Date	Batch Instrument	III/Obs	DEcmc	Action	Hue Is	Hue Direction	Value Is	CI
	1	A	KH JH30566 1A GhimLi W Bio 3-2 1a		3/2/2007 5:11:29 PM	%R LAV SCE UV 400	U3000 10 Deg	0.85	Unknown				
	1	B	KH JH30566 1B GhimLi W Bio 3-2 1b		3/2/2007 5:12:17 PM	%R LAV SCE UV 400	U3000 10 Deg	0.93	Unknown				
	1	C	KH JH30566 1C GhimLi W Bio 3-2 1c		3/2/2007 5:13:02 PM	%R LAV SCE UV 400	U3000 10 Deg	1.21	Unknown				
	1	D	KH JH30566 1D GhimLi W Bio 3-2 1d		3/2/2007 5:13:44 PM	%R LAV SCE UV 400	U3000 10 Deg	1.31	Unknown				

Customer	Macy's	Due Date		Color Service	Pantone
Overseas Merchant		In DC Date		Job Comment	
Country of Origin		NY Colorist		LDR #	
Mill		OS Colorist		Std Instrument	%R unknown SCI UV/Inc

User: Administrator; 4 of 500, total 4 jobs; selected Batch in Job by : ordered by 'NY-Approved'

Macy's Process Flow

- Job location changes to "Sent to Macy's"

Datacolor Track

File Tools Job Help

Tools Envision Customer Mill Reply to Sender Save QTX Get QTX Status Check Jobs Refresh Print Find Delete

View Macy's Sup Filter Not filtered

Jobs Filters Views Configure

Season	Brand	Std Color	Std Name	Fabric Description	Mill	Action	Item Type	Job Type	Style	Received From	Location	Job Attachment	Job Date
Fall 2008	JM		Dessert Sage 115 69 10	100% Cotton Jersey		Unknown	Yarn-Dye	Development			Sent to Macy's		4/30/2007 1:33:33 PM
Fall 2008	JM		Blue Skies 249 61 25	100% Cotton Interlock			Solid	Production			New		4/30/2007 11:42:24 AM
Summer 2008	JM		Hibiscus 043 38 41	100% Cotton Jersey			Solid	Development			New		4/30/2007 11:42:24 AM
Fall 2008	Mens INC		Bombay Ruby 360 20 13	100% Cotton Jersey			Solid	Production			New		4/30/2007 11:42:23 AM

Batch Color	Round #	Submit #	Batch Name	Mill Ref#	Batch Date	Batch Instrument	III/Obs	DEcmc	Action	Hue Is	Hue Direction	Value Is	CI
	1	A	KH JH30566 1A GhimLi W Bio 3-2 1a		3/2/2007 5:11:29 PM	%R LAV SCE UV 400	U3000 10 Deg	0.85	Unknown				
	1	B	KH JH30566 1B GhimLi W Bio 3-2 1b		3/2/2007 5:12:17 PM	%R LAV SCE UV 400	U3000 10 Deg	0.93	Unknown				
	1	C	KH JH30566 1C GhimLi W Bio 3-2 1c		3/2/2007 5:13:02 PM	%R LAV SCE UV 400	U3000 10 Deg	1.21	Unknown				
	1	D	KH JH30566 1D GhimLi W Bio 3-2 1d		3/2/2007 5:13:44 PM	%R LAV SCE UV 400	U3000 10 Deg	1.31	Unknown				

Customer	Macy's	Due Date		Color Service	Pantone
Overseas Merchant		In DC Date		Job Comment	
Country of Origin		NY Colorist		LDR #	
Mill		OS Colorist		Std Instrument	%R unknown SCI UV Inc

User: Administrator; 4 of 500, total 4 jobs; selected Batch in Job by : ordered by 'NY-Approved'

Macy's Process Flow

- Job Location changes to "Received by Macy's" after successful delivery

Datacolor Track

File Tools Job Help

Tools Envision Customer Mill Reply to Sender Save QTX Get QTX Status Check Jobs Refresh Print Find Delete

View Macy's Sup Filter Not filtered

Jobs Filters Views Configure

Season	Brand	Std Color	Std Name	Fabric Description	Mill	Action	Item Type	Job Type	Style	Received From	Location	Job Attachment	Job Date
Fall 2008	JM		Dessert Sage 115 69 10	100% Cotton Jersey		Unknown	Yarn-Dye	Development			Received by Macy's		4/30/2007 1:33:33 F
Fall 2008	JM		Blue Skies 249 61 25	100% Cotton Interlock			Solid	Production			New		4/30/2007 11:42:24
Summer 2008	JM		Hibiscus 043 38 41	100% Cotton Jersey			Solid	Development			New		4/30/2007 11:42:24
Fall 2008	Mens INC		Bombay Ruby 360 20 13	100% Cotton Jersey			Solid	Production			New		4/30/2007 11:42:23

Batch Color	Round #	Submit #	Batch Name	Mill Ref#	Batch Date	Batch Instrument	III/Obs	DEcmc	Action	Hue Is	Hue Direction	Value Is	CI
	1	A	KH JH30566 1A GhimLi W Bio 3-2 1a		3/2/2007 5:11:29 PM	%R LAV SCE UV 400	U3000 10 Deg	0.85	Unknown				
	1	B	KH JH30566 1B GhimLi W Bio 3-2 1b		3/2/2007 5:12:17 PM	%R LAV SCE UV 400	U3000 10 Deg	0.93	Unknown				
	1	C	KH JH30566 1C GhimLi W Bio 3-2 1c		3/2/2007 5:13:02 PM	%R LAV SCE UV 400	U3000 10 Deg	1.21	Unknown				
	1	D	KH JH30566 1D GhimLi W Bio 3-2 1d		3/2/2007 5:13:44 PM	%R LAV SCE UV 400	U3000 10 Deg	1.31	Unknown				

Customer	Macy's	Due Date		Color Service	Pantone
Overseas Merchant		In DC Date		Job Comment	
Country of Origin		NY Colorist		LDR #	
Mill		OS Colorist		Std Instrument	%R unknown SCI UV/Inc

User: Administrator; 4 of 500, total 4 jobs; selected Batch in Job by : ordered by 'NY-Approved'

Macy's Process Flow

- Macy's evaluates samples in Datacolor TOOLS

IMACYS SCREEN FORM

Standard Name/# 1 of 1

Standard Number: **1156910**

Date Std. Measured: **02-Mar-07** FILE:

Lab Dip Ref # 4 of 4

Date: **02-Mar-07** Time: **17:12:17** L/D FILE:

STANDARD INSTRUMENT: %R unknown SCI UV Inc S/N

BATCH INSTRUMENT: %R LAV SCE UV 400 S/N

Lab Dip is:	cmc DL	cmc DC	cmc DH	cmc DE	Lightness	Chroma	Hue
U3000 10 Deg	0.08	-0.87	0.33	0.93	Too Light	Too Dull	Too Blue
D65 10 Deg	0.12	-0.64	0.45	0.79	Too Light	Too Dull	Too Blue
A 10 Deg	0.09	-0.73	0.62	0.96	Too Light	Too Dull	Too Blue

Comments: Value is: Chroma is: Hue is:

Comments:


Metamerism:

Round: Submit:

LDR#:

Submit Date: Due Date:

NY Colorist: OS Colorist:



Single/All

Zoom In

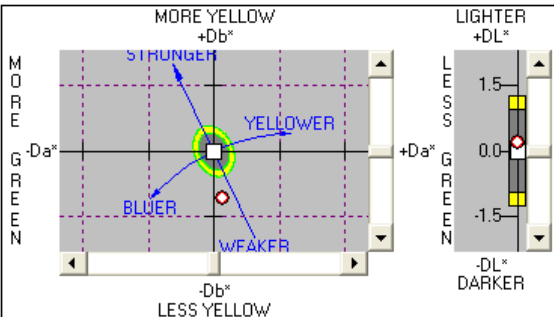
Zoom Out

Print Current

Print All

Create Visual

Open Trim



MORE YELLOW +Db*

LESS YELLOW -Db*

LIGHTER +DL*

DARKER -DL*

ACTION:

Item Type: Yarn-Dye

Job Type: Development

Season: Fall 2008

Brand: JM

Style Number:

Office:

Supplier: Ghim Li

Fabric: 100% Cotton Jersey

Mill Name:

Mill Ref #:

Macy's Process Flow

- Macy's sends comments or approval by TRACK and back to supplier

Datacolor Track

File Tools Job Help

Tools Envision Customer Mill Reply to Sender Save QTX Get QTX Status Check Jobs Refresh Print Find Delete View Macy's Sup Filter Not filtered

Jobs Filters Views Configure

Season	Brand	Std Color	Std Name	Fabric Description	Mill	Action	Item Type	Job Type	Style	Received From	Location	Job Attachment	Job Date
Fall 2008	JM		Dessert Sage 115 69 10	100% Cotton Jersey		OS-Rejected	Yarn-Dye	Development			New		4/30/2007 1:40:45 PM
Fall 2008	JM		Blue Skies 249 61 25	100% Cotton Interlock			Solid	Production			New		4/30/2007 11:42:24 AM
Summer 2008	JM		Hibiscus 043 38 41	100% Cotton Jersey			Solid	Development			New		4/30/2007 11:42:24 AM
Fall 2008	Mens INC		Bombay Ruby 360 20 13	100% Cotton Jersey			Solid	Production			New		4/30/2007 11:42:23 AM

Batch Color	Round #	Submit #	Batch Name	Mill Ref#	Batch Date	Batch Instrument	III/Obs	DEcmc	Action	Hue Is	Hue Direction	Value Is
	1	A	KH JH30566 1A GhimLi W Bio 3-2 1a		3/2/2007 5:11:29 PM	%R LAV SCE UV 400	U3000 10 Deg	0.85	Unknown			
	1	B	KH JH30566 1B GhimLi W Bio 3-2 1b		3/2/2007 5:12:17 PM	%R LAV SCE UV 400	U3000 10 Deg	0.93	OS-Rejected	Slightly	More Blue	
	1	C	KH JH30566 1C GhimLi W Bio 3-2 1c		3/2/2007 5:13:02 PM	%R LAV SCE UV 400	U3000 10 Deg	1.21	Unknown			
	1	D	KH JH30566 1D GhimLi W Bio 3-2 1d		3/2/2007 5:13:44 PM	%R LAV SCE UV 400	U3000 10 Deg	1.31	Unknown			

Customer	Macy's	Due Date	June-08-2007	Color Service	Pantone
Overseas Merchant		In DC Date		Job Comment	
Country of Origin		NY Colorist		LDR #	
Mill		OS Colorist		Std Instrument	%R unknown SCI UV Inc

User: Administrator; 4 of 500, total 4 jobs; selected Batch in Job by : ordered by 'NY-Approved'

Macy's Process Flow

- Process continues until there is an approval

Datacolor Track

File Tools Job Help

Tools Envision Customer Mill Reply to Sender Save QTX Get QTX Status Check Jobs Refresh Print Find Delete

View Macy's Sup Filter Not filtered

Jobs Filters Views Configure

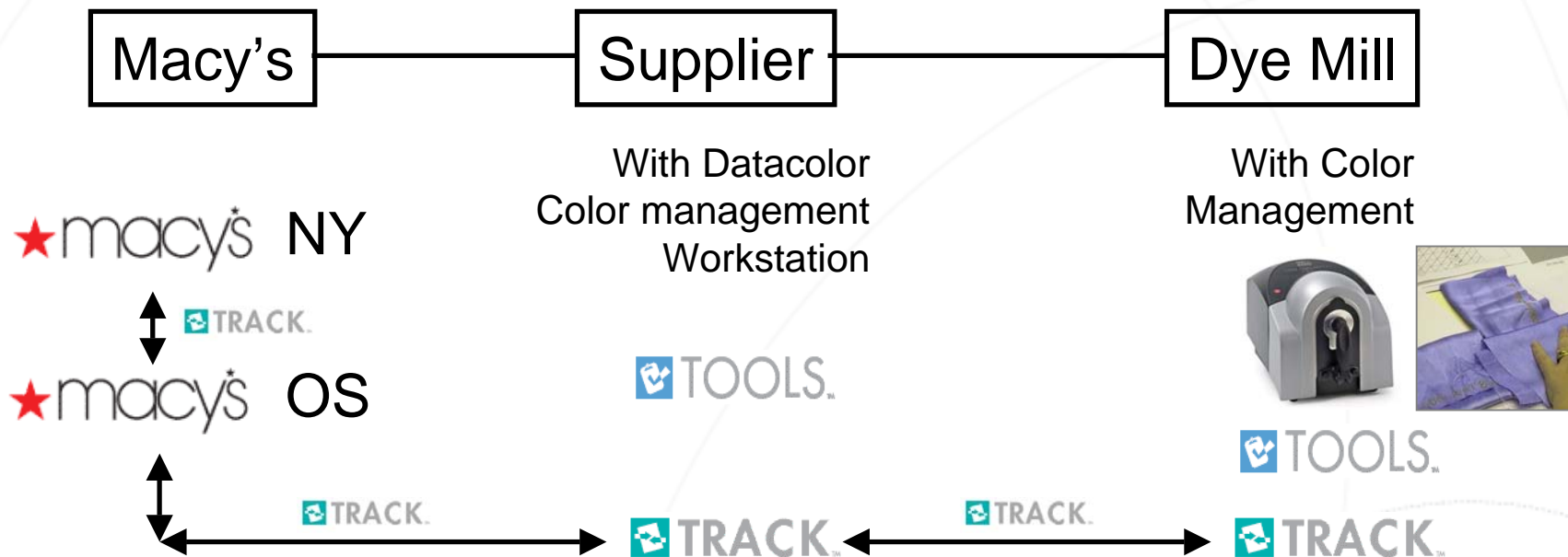
Season	Brand	Std Color	Std Name	Fabric Description	Mill	Action	Item Type	Job Type	Style	Received From	Location	Job Attachment	Job Date
Fall 2008	JM		Dessert Sage 115 69 10	100% Cotton Jersey		NY-Approved	Yarn-Dye	Development			New		4/30/2007 2:11:47 PM
Fall 2008	JM		Blue Skies 249 61 25	100% Cotton Interlock			Solid	Production			New		4/30/2007 11:42:24 AM
Summer 2008	JM		Hibiscus 043 38 41	100% Cotton Jersey			Solid	Development			New		4/30/2007 11:42:24 AM
Fall 2008	Mens INC		Bombay Ruby 360 20 13	100% Cotton Jersey			Solid	Production			New		4/30/2007 11:42:23 AM

Batch Color	Round #	Submit #	Batch Name	Mill Ref#	Batch Date	Batch Instrument	III/Obs	DEcmc	Action	Hue Is	Hue Direction	Value Is
	1	D	KH JH30566 1D GhimLi W Bio 3-2 1d		4/30/2007 2:10:38 PM	%R LAV SCE UV 400	U3000 10 Deg	1.31	Unknown			
	2	A	KH JH30566 2A GhimLi W Bio 3-2 2a		4/30/2007 2:10:39 PM	%R LAV SCE UV 400	U3000 10 Deg	0.85	Unknown			
	2	B	KH JH30566 2B GhimLi W Bio 3-2 2b		4/30/2007 2:10:39 PM	%R LAV SCE UV 400	U3000 10 Deg	0.93	NY-Approved			
	2	C	KH JH30566 2C GhimLi W Bio 3-2 2c		4/30/2007 2:10:39 PM	%R LAV SCE UV 400	U3000 10 Deg	1.21	Unknown			
	2	D	KH JH30566 2D GhimLi W Bio 3-2 2d		4/30/2007 2:10:40 PM	%R LAV SCE UV 400	U3000 10 Deg	1.31	Unknown			

Customer	Macy's	Due Date	June-08-2007	Color Service	Pantone
Overseas Merchant		In DC Date		Job Comment	
Country of Origin		NY Colorist		LDR #	
Mill		OS Colorist		Std Instrument	%R unknown SCI UV Inc

User: Administrator; 4 of 500, total 5 jobs; selected Batch in Job by : ordered by 'NY-Approved'; still 1 undefined batch status

Macy's Process Flow



Optimal Performance – Full Chain Digital Color

Configuration of Datacolor Software

Configuration of Datacolor Track 1.3 & 1.4 for Automated Job Exchange

Datacolor Track automates the process of exchanging digital colorimetric information and color development data along the supply chain. Color development “jobs” created in Datacolor Track are transmitted along the supply chain by way of an automated e-mail process in which Datacolor Track creates, sends, processes, and deletes e-mail messages automatically with no intervention by the user.

Prior to implementation of Datacolor Track, the user must identify an e-mail address to use with Datacolor Track and confirm access to this account. The following criteria should be used in creation of this e-mail account:

1. Datacolor Track accesses e-mail by one of two methods:
 - a. Via connection to a MAPI profile
 - b. Via connection using POP3/SMTP protocol
2. When using POP3/SMTP, the user must obtain the following information:
 - a. POP3 server name
 - b. SMTP server name
 - c. User name
 - d. Password
3. Firewalls must be configured to allow exchange of e-mail messages that are specific to Datacolor Track. The subject line of these messages will begin with ‘DCTrack’.
4. The user must select or create an e-mail account for use in Datacolor Track:
 - a. It is recommended that a unique account be created for Datacolor Track rather than using a personal account, for example *Track@supplier.com*
 - b. An account can be created at Datacolor on the Mailgate.Datacolor-Track.com mail server if this is preferable to use of an account on the user’s system
 - c. Internet e-mail services may be used as long as they support POP3/SMTP communication with port 110 for POP3 and port 25 for SMTP
 - d. Changes to the user name or password for the designated e-mail account must be entered into the “Communications Setup” screen of Datacolor Track in order to prevent connection errors
 - e. Messages received in the Datacolor Track e-mail account must remain on the mail server rather than be transferred to a local mailbox
 - f. Messages will not be processed by Datacolor Track if they are marked as ‘Unread’

Configuration of Datacolor Software

- g. All outbound messages are automatically deleted after they are sent and all inbound messages are automatically deleted after they are processed
5. When multiple workstations are running Datacolor Track, the Datacolor Track Service is recommended for automated polling of the designated e-mail account. The service can be installed on a local workstation or directly on the server. When installed on a server, the service will automatically check for new messages for Datacolor Track even when the workstation computers are turned off. Refer to Datacolor Track Service Installation instructions on the Datacolor Track installation CD. Requirements when using the Datacolor Track Service:
 - a. Local workstation installation
 - i. Install the Datacolor Track Service from the installation CD, allowing all users to initiate the service
 - ii. Enter POP3/SMTP or MAPI connection parameters for the scan service on the "Communications Setup" page in Datacolor Track
 - b. Server installation
 - i. Install the Datacolor Track Service from the installation CD, allowing all users to initiate the service
 - ii. Install Sybase and DotNet Framework from the installation CD if they are not already present on the server
 - iii. Only POP3/SMTP connections are allowed when the service is installed on a server. Enter POP3/SMTP connection parameters for the scan service on the "Communications Setup" page in Datacolor Track
 - c. Service connection parameters
 - i. On initial startup, the scan service will read the POP3/SMTP or MAPI connection parameters from the Datacolor Track database and will continue to use these parameters to access the designated e-mail account until the next time the service is restarted
 - ii. If the user name or password for the designated e-mail account change, the new values must be entered into the "Communications Setup" page in Datacolor Track and the service must be restarted in order to use the new information. It is therefore preferable that an e-mail account with a fixed password be used so that the service does not need to be manually restarted.
 - iii. All service events are logged to the DatacolorTrackLog folder in the Microsoft Event Viewer