**Functional Specification**

**BI and Report Development**

**Merchandising Color Report**

**New Era Cap Inc.**

**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Author** | **Version** | **Description** |
| 5/29/2014 | M.Grzechowiak | 1.0 | Initial document creation |
|  |  |  |  |
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Table of Contents

[Description / Usage 3](#_Toc389199047)

[Report Features 3](#_Toc389199048)

[Business Rules 4](#_Toc389199049)

[Report Layout (mockup) 4](#_Toc389199050)

[Information Security 4](#_Toc389199051)

[Report Parameters 4](#_Toc389199052)

[Schedule Considerations 5](#_Toc389199053)

[Assumptions 5](#_Toc389199054)

[Out of Scope 5](#_Toc389199055)

[Open and Closed Items 5](#_Toc389199056)

[Approvers 6](#_Toc389199057)

# ****Description / Usage****

1. **Description**

**Reports (3) to allow key metrics that outline color performance to be viewed based on several different grouping options.**

1. **Business Need (Why?)**

**This report is needed to analyze color performance and key color combinations to help make informed future product decisions**

1. **Usage Frequency & Data Availability Requirements (i.e. real time, warehoused)**

**Weekly on Monday mornings**

1. **Distribution Method**

**PDF / Crystal Report to be viewed in browser**

# ****Report Features****

1. **Report Type**

**Crystal Report x3 (all requirements are the same with the exception of grouping options)**

1. **Required Details (fields)**
	1. **Material**
	2. **Material Description**
	3. **PMS Color**
	4. **NRF Color**
	5. **Product Segmentation**
2. **Key Figures, Calculations and Summations**
	1. **Quantity**
	2. **Shipped**
	3. **Open**
	4. **Total**
3. **Required Groupings**

**User has a requirement for each of the 10 grouping scenarios listed below, since this will be difficult to accommodate in a single report we will separate it out into three report that have identical requirements otherwise.**

* 1. **Year > Region > Sales Org > SBU > Season > Gender > Silhouette > Collection > License > Team > Color**
	2. **Year > Region > Sales Org > SBU > Season > Gender > Silhouette > Collection > License**
	3. **Year > Region > Sales Org > SBU > Season > Gender > Silhouette > Collection**
	4. **Year > Region > Sales Org > SBU > Season > Gender > Silhouette > Color**
	5. **Year > Region > Sales Org > SBU > Season > Gender > Silhouette > License > Team > Color**
	6. **Year > Region > Sales Org > SBU > Season > Gender > Color**
	7. **Year > Region > Sales Org > SBU > Season > Gender > Team > Color**
	8. **Year > Region > Sales Org > SBU > Season > Gender > Color > Team**
	9. **Year > Region > Sales Org > SBU > Color > Season > Gender > Silhouette > Collection > License**
	10. **Year > Region > Sales Org > SBU > Color**
1. **Sorting Order**
	1. Material ID (ASC) based on total quantity
2. **Other**
	1. Include Contract Orders
	2. Units and Corporate Currency (USD)

# ****Business Rules****

N/A - Already defined in data sets

# ****Report Layout (mockup)****

1. **Report Type (i.e. cross tab, grid)**
	1. Grid/table



# ****Information Security****

1. **Users and Groups**

**Materials & Business Units**

1. **View Time Security (VTS)**

**N/A**

# ****Report Parameters****

1. **Parameter 1**
	1. Group
	2. Drop Down List
	3. See ‘Report Features’ section IV –Grouping

# ****Schedule Considerations****

1. **Report Run Frequency**
	1. Scheduled
	2. Weekly
	3. Mondays at 8 am

# ****Assumptions****

 N/A

# ****Out of Scope****

N/A

# ****Open and Closed Items****

1. **Open**

|  |  |  |  |
| --- | --- | --- | --- |
| **Identified Date** | **Description**  | **Resolution** | **Target Date** |
| **5/30/2014** | **Need to confirm that no additional parameters are required** |  | **6/2/2014** |
|  |  |  |  |

1. **Closed**

|  |  |  |  |
| --- | --- | --- | --- |
| **Identified Date** | **Description**  | **Resolution** | **Target Date** |
|  |  |  |  |
|  |  |  |  |

# ****Approvers****

Author Mark Grzechowiak Approval \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Approval \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Approval \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_