**Technical Specification**

**BI and Report Development**

**Merchandising Color Report**

**New Era Cap Inc.**

**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Author** | **Version** | **Description** |
| 06/03/14 | M.Grzechowiak | 1.0 | Create technical specification draft |
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# ****Data Source & Restrictions****

BPP is the data source

This will have following restrictions:

* Current and Previous year
* Intercompany and retail customers will be excluded from the result.
  + (Standard Exclusions)

# ****Data Flow Diagram****

N/A

# ****Data Column Mapping****

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Type** | **Field Name** | **Source Table** | **Source Column** | **Sql Code** |
| String | Material Number | ZMP\_OPASA | 0MATERIAL |  |
| String | Material Description | ZMP\_OPASA | 0MATERIAL\_\_Z\_PMSCOL |  |
| String | PMS Color | ZMP\_OPASA | 0MATERIAL\_\_Z\_PMSCOL |  |
| String | NRF Color | ZMP\_OPASA | 0MATERIAL\_\_0AF\_COLOR |  |
| String | Product Segmentation | ZMP\_OPASA | 0MATERIAL\_\_0MATL\_GROUP |  |
| String | Region | ZMP\_OPASA | 0SALESORG\_\_ZREGION |  |
| String | Sales Org | ZMP\_OPASA | 0SALESORG |  |
| String | Collection | ZMP\_OPASA | 0AF\_COLL |  |
| String | Season | ZMP\_OPASA | 0AF\_SEAN |  |
| String | Silhouette | ZMP\_OPASA | 0MATERIAL\_\_Z\_SILH |  |
| String | License | ZMP\_OPASA | 0MATERIAL\_\_Z\_LICENSE |  |
| String | Team | ZMP\_OPASA | 0MATERIAL\_\_Z\_TEAM |  |
| String | Gender | ZMP\_OPASA | 0MATERIAL\_\_0GENDER |  |
| Integer | Quantity | ZMP\_OPASA | Z\_ABSMGEA |  |
| Integer | Shipped | ZMP\_OPASA | Calculated field in BEx |  |
| Integer | Open | ZMP\_OPASA | Calculated field in BEx |  |
| Integer | Total | ZMP\_OPASA | Calculated field in BEx |  |

# ****Report Parameters****

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq.** | **Name** | **Data Type** | **Required?** | **Default Value** | **Format** |
| 1 | Group By | String | Yes | Year -> Region -> Sales Org -> SBU -> Season -> Gender -> Silhouette -> Collection -> License -> Team ->PMS Color | Group1 -> Group2 -> Group3 -> Etc… |

# ****Grouping****

To ease the potential impact caused by the volume of grouping options the colored groups in the below chart should represent individual reports with the same requirements for all other sections.

|  |  |
| --- | --- |
| **Seq** | **Description** |
| 1 rpt1 | Year -> Region -> Sales Org -> SBU -> Season -> Gender -> Silhouette -> Collection -> License -> Team -> PMS Color |
| 2 rpt1 | Year -> Region -> Sales Org -> SBU -> Season -> Gender -> Silhouette -> Collection -> License |
| 3 rpt1 | Year -> Region -> Sales Org -> SBU -> Season -> Gender -> Silhouette -> Collection |
| 4 rpt1 | Year -> Region -> Sales Org -> SBU -> Season -> Gender -> Silhouette -> PMS Color |
| 5 rpt1 | Year -> Region -> Sales Org -> SBU -> Season -> Gender -> Silhouette -> License -> Team -> PMS Color |
| 6 rpt2 | Year -> Region -> Sales Org -> SBU -> PMS Color -> Season -> Gender -> Silhouette -> Collection -> License |
| 10 rpt2 | Year -> Region -> Sales Org -> SBU ->PMS Color |
| 7 rpt3 | Year -> Region -> Sales Org -> SBU -> Season -> Gender ->PMS Color |
| 8 rpt3 | Year -> Region -> Sales Org -> SBU -> Season -> Gender -> Team -> PMS Color |
| 9 rpt3 | Year -> Region -> Sales Org -> SBU -> Season -> Gender ->PMS Color -> Team |

# ****Table / Field Join Mapping****

|  |  |  |
| --- | --- | --- |
| **Table and Field** | **Type** | **Table and Field** |
| COPA | Union | N/A |
| Open orders | Union | N/A |
| Contract | Union | N/A |
| OPA | Union | N/A |

# ****Report Logic Pseudo Code****

N/A

# ****Exception Handling****

|  |  |  |
| --- | --- | --- |
| **Error Type** | **Error Description** | **Resolution** |
| N/A |  |  |

# ****Testing****

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case ID** | **Tests Case** | **Test to execute test case** | **Expected Results** | **Actual Results** |
| 1 | Reports Run | Execute each report to validate that it displays and is populated with data | No errors during execution, each report displays data |  |
| 2 | Grouping Parameter for all reports | Validate that grouping options change report layout as expected for each of the reports | When each group is selected the report layout and data will display accordingly |  |
| 3 | User Data Validation | Comparison of data between report display and expected results – document any differences | Data will match expectation regardless of grouping option |  |

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

1. **Open**

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

1. **Closed**

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

# ****Approvers****

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