**Business Requirement:**

The business units would like to offer expedited shipping (air vs. ocean) from our overseas vendors to a small set of customers (customer segments T and F1). This will reduce the total delivery time for the product to the customers from eight to five weeks. This will allow the customer and New Era to increase speed-to-market. The customer will be charged an upfront freight fee to cover the cost of this expedited shipping.

**Functional Specification:**

**SAP**

* The customer master will be updated so that Attribute 4 is labeled “Expedited Freight”. The field will accept either a blank or an “X” value.
* The outbound customer master data feed to ROC will be updated to send the field above for each customer.
* A new VAS code will be created to represent the upcharge for expedited freight
* A new pricing condition (ZFCR – Freight Charge Reduction) will be added to the pricing procedures for US and Canada, and will be mapped to cost in COPA.
* A new incoterm (GAP – Global Air Product) to flag orders as expedited.
* A new exclusion key combination to ensure only the flagged customers can use the air option.
* The ORDERS IDoc will be updated to receive the VAS code from GIS and place it on the sales order item.

**ROC**

* The inbound interface for customer master data will be updated to receive the “Expedited Freight” flag from SAP. Accepted value for this field is either an ‘X’ or blank.
* The database will be extended to store the flag above for each customer
* Application will be modified to calculate the expedited shipping date for the order or the GCP calendar functionality will be extended to hold expedited shipping dates.
* Based on whether the product is GCP, and if the customer has the “Expedited Freight” flag assigned, the expedited dates will be available to choose during order creation or change
* A message will be displayed if an expedited date is chosen, warning the user of the upcharge to the customer
* The outbound order file will be updated to send the flag to SAP if an expedited ship date was chosen

**GIS**

* The ROC\_850\_In\_Flat\_File map will be updated to include the VAS code, and map it to segment E1J3P01-E1J3AIS in the ORDERS IDoc

**Assumptions:**

* Expedited freight dates will only be used when ordering through ROC – all other orders for these products will use standard ship dates, which will be controlled by customer service and sales

**Known Issues:**

* N/A

**Test Scenarios:**

| No. | Test Scenario | Expected Results | Actual Results | Application / Environment | Tester | Creation  Date | P/F | Panaya |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | Update an SAP customer with the expedited freight flag | The flag is sent to ROC |  |  |  |  |  |  |
| 2 | Create a ROC order for an expedited freight customer | If the product is GCP, both expedited and standard dates are shown |  |  |  |  |  |  |
| 3 | Complete a ROC order for an expedited date | An SAP sales order is created, with expedited dates, freight upcharge, and cost changes |  |  |  |  |  |  |
| 4 | Complete a ROC order for a standard date | An SAP sales order is created with no modifications |  |  |  |  |  |  |
| 5 | Create a ROC order a non-expedited freight customer | Only standard dates are shown |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |  |