

**Celestica Singapore Routing Guide**

Serangoon Site Address (AMS)	Woodlands Site Address (EMS)	Location	Site Contact	Function	Phone	Email
Celestica Singapore	Celestica Singapore	Woodlands - 1st Contact	Beng Kiat Koh	Logistics Team Leader	65-6374 7362	bkoh@celestica.com
No. 6, Serangoon North Ave 5	Blk 35, Marsiling Industrial Estate Road 3	Woodlands - 2nd Contact	Young Yaw Yee	Supply Chain Manager	65-9711 4252	youngyaw.yee@celestica.com
#05-04	#03-01	Serangoon - 1st Contact	Derick Loke	Logistics Team Leader	65-6484 9537	dloke@celestica.com
Singapore 554910	Singapore 739257	Serangoon - 2nd Contact	Eric Seah	Supply Chain Manager	65-6483 9608	gseah@celestica.com

Multiple small packages shipped on the same day to Celestica must be consolidated into one shipment. The supplier is required to combine multiple part numbers and purchase orders in one shipping container/on one pallet/ once AWB/HAWB

Shipments of comparable size, height, and density that are difficult to handle, and for which the combined gross weight exceeds 150 pounds (68 kg) or are oversized should be palletized.

Consolidate items shipped on one day to the same destination on one pallet, one bill of lading, one air waybill or ocean bill of lading. The Carrier to be used for same day consolidated shipment will be based on the weight breaks listed below:

Below is the standard freight routings. Please coordinate all expedites, express freight and ocean shipments with Celestica Singapore logistics contacts.  
 All Air shipment above 150kg but less than 500kg require SCM Planning Manager approval.  
 All shipments including Chicago/Los Angeles consolidation point shipments must include a commercial invoice. Please see international documentation requirements below.  
 See Chicago/Los Angeles consolidation point listed below for all USA origin shipments  
 For Air Shipment above 500kg will require Material Manager approval.  
 AIR shipment weights are based on chargeable weights (max of dimm weight and actual weight) when determining mode of transportation. See Page 3 for weight definitions and calculations

Inbound Standard Routing															
Country	Small Pack			Heavyweight Air			LTL Truck			Full Truck	Ocean LCL			Ocean Container	
Supplier Shipping Origin Location	Chargeable Weight	Avg. TT(Days)	Carrier	Chargeable Weight	Avg. TT(Days)	Carrier	Chargeable Weight	Avg. TT(Days)	Carrier	Carrier	FCL & LCL bookings from all origins are to be made with the carriers 3 weeks in Advance of the planned pickup date				
											Chargeable Weight	Avg. TT(Days)	Carrier	Avg. TT(Days)	FCL Carrier
<b>USA</b> See below USA origin consolidation point for ship to address. See below invoice requirements for commercial invoice consignee address.	<150lbs	1-3	FedEx Ground (Chicago or Los Angeles) See below for Origin States  Bill 3rd Party		7-9	DSV Air Consol  * See below "USA origin Consolidation Point" for ship to address in Chicago or Los Angeles according to supplier's address*	150lbs+	1-7	FedEx Freight Priority LTL (Chicago or Los Angeles) See below for Origin States  Bill 3rd party to Celestica San Jose -CLSSJ -C/O A3 Freight Payment 3150 Lenox Park Blvd Suite 400 Memphis, TN 38115		150 kg +	50-55	Kuehne + Nagel	40-50	Expeditors
Exception -USA Direct (City Lancaster,Vandalia,Itasca,Dallas, Montecello, St. Charles, Leland, Houston, Knoxville)				>150 lbs+	7-9	CEVA					Check with site logistics				Check with Site Logistics
Exception - USA Direct (City Troy,)											Check with site logistics				Expeditors
Exception - USA Direct (City Hampton)				>150 lbs+	7-9	CEVA					Check with site logistics				Expeditors
Exception-USA -(City Roberts)											150 kg +	50-55	Kuehne + Nagel		Check with Site Logistics
Exception-USA -(City Garland)				>150 lbs+	7-9	CEVA					150 kg +	50-55	Kuehne + Nagel		Check with Site Logistics
Exception - USA (City Haverhill)														40-51	Expeditors
Mexico	< 100kg	4-6	FedEx Int'l Priority								150 kg +	50-55	DGF	40-50	Expeditors
Europe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Europe Exception - Germany	< 45 kg	2-4	FedEx Int'l Priority										Check with site logistics		Check with Site Logistics
Europe Exception - Great Britain	< 45 kg	2-4	FedEx Int'l Priority								250 kg +	50-60	Kuehne + Nagel		Check with Site Logistics
Europe Exception - France											250 kg +		Expeditors		Check with Site Logistics
Asia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Asia Exceptions:</b>															
China (Xiamen,Kushan)	< 45 kg	1-3	DHL Express								250 kg +	12-15	Kuehne + Nagel	15-20	Dachser
China (Guangzhou,Shenzhen)	< 45 kg	1-3	DHL Express	45 kg250kg	5-7	Expeditors					250 kg +	12-15	Kuehne + Nagel	15-20	Dachser
China (Huzhou)	< 45 kg	1-3	DHL Express											15-20	Dachser
China (Nantong)	< 45 kg	1-3	DHL Express								250 kg +	12-15	M+K Logistics PTE LTD	15-20	Dachser
China (Dongguan)				45 kg250kg	5-7	Expeditors					250 kg +	12-15	M+K Logistics PTE LTD	15-20	Dachser
China (Suzhou, Hangzhou, Ningbo, Wuxi, Foshan, Shanghai, Zhongshan)					5-7						250 kg +	12-15	M+K Logistics PTE LTD		
Hong Kong	< 70 kg	2-3	FedEx Int'l Priority	70- 250 kg	5-7	Expeditors					250 kg +	12-15	Kuehne + Nagel	15-20	Expeditors
Taiwan (Kaoshiung, Taipei, New Taipei City, Keelung)	< 70 kg	2-3	FedEx Int'l Priority								250 kg +	12-15	Kuehne + Nagel	15-20	Dachser
Taiwan (Taoyuan)											250 kg +	12-15	M+K Logistics PTE LTD	15-20	Dachser
Vietnam											250 kg +	12-15	Kuehne + Nagel		Check With Site logistics

Carrier Information				
Carrier	Phone	Contact Name	Web Site or Email Address	Account Number

CEVA	Check with site logistics team	Amy Wang (Escalations for Asia) Vega (Escalation for Global)	Gianna	www.cevalogistics.com amy.wang@cevalogistics.com ginna.vega@cevalogistics.com	Contact Buyer or see PO
Dachser	+65 6417 9529	Noraini Moksin		http://www.dachser.com noraini.moksin@dachser.com	Contact Buyer or see PO
Expeditors International	65 6510 7965	Li Yang		https://www.expeditors.com/locations Yang.Li@expeditors.com	Contact Buyer or see PO
FedEx	Check with site logistics team	Check with site logistics team		www.fedex.com/?location=home	Contact Buyer or see PO
FedEx (USA to Chicago)	Check with site logistics team	Check with site logistics team		www.fedex.com/us/fedex/shippingservices/package/ground.html	Contact Buyer or see PO
FedEx (USA to Los Angeles)	Check with site logistics team	Check with site logistics team		www.fedex.com/us/fedex/shippingservices/package/ground.html	Contact Buyer or see PO
Kuehne-nagel	Check with site logistics team	Check with site logistics team		https://home.kuehne-nagel.com/	Contact Buyer or see PO
M+K LOGISTICS PTE LTD	+65-84980528 +86 755 8232 7680 Ext.809	Alan Loo Kitty Cai		https://www.mklog.com.sg alan.loo@mklogs.com	Contact Buyer or see PO
DHL Global Forwarding	65 6548 9687	Jynn Low (DHL SG) FANNY FONG(Operations)		Global Freight Forwarder   DHL Global Forwarding   Global Jynn.Low@dhl.com fanny.fong@dhl.com	Contact Buyer or see PO
DSV	Check with site logistics team	Check with site logistics team		www.dsv.com	Contact Buyer or see PO

**USA origin Consolidation Point**

*For USA suppliers only. Please list the full hub address below on the bill of lading. Match the ship from state to the list below to choose the correct hub location. (Do not list this address on the commercial invoice)*

Consignee	Address	Contact Name	Tel	Fax	Email Address
<i>Celestica Singapore C/O DSV Franklin Park Attention: Celestica Singapore (for Fedex domestic purpose to ORD hub)</i>	DSV Chicago 10701 Seymour Avenue, Franklin Park, IL 60131, USA	Celestica Support Desk	Direct: +1 847 228 2263 Mobile: +1 312 287 6946 Direct: +1 847 228 2263 Mobile: +1 312 933 9784	Fax: +1 847 357 9321	<a href="mailto:ORD_ExpAir.Celestica@us.dsv.com">ORD_ExpAir.Celestica@us.dsv.com</a>
<i>Celestica Singapore C/O DSV Torrance Attention: Celestica Singapore (for Fedex domestic purpose to LAX hub)</i>	DSV Air & Sea, 19901 Western Avenue Torrance CA 90501, USA	Celestica Support Desk	310-819-4060 ext: 1940	1-310-819-4055 or 1-310-819-4058	<a href="mailto:US.Celestica-lax@us.dsv.com">US.Celestica-lax@us.dsv.com</a>

Consolidation Hub Location	USA Origin Shipping States
Chicago Hub (Franklin Park)	AL, AR, CT, DE, DC, FL, GA, IA, IL, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, NC, ND, NE, NH, NJ, NY, OH, OK, PA, RI, SC, SD, TN, TX, VA, VT, WI, WV
Los Angeles Hub (Torrance)	AZ, CA, CO, ID, MT, NM, NV, OR, UT, WA, WY

**International Commercial Invoice Requirements**

- All Commercial invoices must contain the following information or shipments will be held in Customs or returned to the origin.**
- Shipper name and address
  - Sold to or invoice to name and address
  - Consignee name and address:  
All Commercial invoices must list one of the following addresses. **Please do not list a consolidation point address on the commercial invoice.**  

<b>Serangoon Site: Celestica Singapore</b> No. 6, Serangoon North Ave 5 #05-04 Singapore 554910	<b>Woodlands Site: Celestica Singapore</b> Blk 35, Marsiling Industrial Estate Road 3 #03-01 Singapore 739257
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  - Invoice number
  - Ship date
  - Carrier and way bill number (if info. available)
  - Incoterms
  - PO. number
  - Celestica part number
  - Description
  - Quantity (for each line item)
  - Unit price (for each line item)
  - Extended price (for each line item)
  - Country of origin (for each line item)
  - Total value on the invoice
  - Weight and number boxes or skids.

**US origin vendors/shipper (those shipping to the consols), a Shippers Export Declaration (SED) or an Automated Export System Record (AES) is required**  
<http://www.access.gpo.gov/bis/ear/pdf/758.pdf>  
<https://www.census.gov/foreign-trade/aes/aesdirect/AESDirect-User-Guide.pdf>

**Please forward these documents prior to arrival of shipment to DSV dock. Send to the email above and attach a copy on the outside of the shipping carton.**

- Commercial Invoice (please refer to the above international documentation requirements).
- SLI / EEI
- Packing List
- Certificate of Origin
- USPPI (if necessary for cargo value over USD 2500)

**Additional working processes for sending the pre-notification email to DSV**

- Email subject (PO#/FedEx tracking number/LAX or ORD)**  
 -e.g. (PO#9190000000/Trk#123456789101/ORD)  
 -In PDF Format  
 Emails:  
 - [ORD.ExpAir.Celestica@us.dsv.com](mailto:ORD.ExpAir.Celestica@us.dsv.com) (ORD Hub)  
 - [US.Celestica-lax@us.dsv.com](mailto:US.Celestica-lax@us.dsv.com) (LAX hub)
- Following information listed on FedEx Tracking label (Fedex Domestic Service to DSV hub)**  
 •Celestica (site name) c/o DSV Franklin Park (ORD hub) or Torrance (LAX hub)

-e.g. Celestica Singapore c/o DSV Franklin Park

•PO#

•By using the correct account number of domestic courier for sites (If Fedex Freight (LTL) on BOL please add Bill To Name/Address i.e "Celestica Singapore C/O DSV Franklin Park")



**Weight Definitions and Calculations**

**Actual Weight:**

- The weight of a package using a standard scale rounded to the next full pound / KG. (Example: a 12 1/2 pound carton will have an "actual weight" of 13 pounds).

**Dimensional (Volumetric) Weight:**

- A calculation used to reflect a package's density. The International Air Transport Association (IATA) volumetric standards is used to determine the dimensional weight.

- A calculation used to determine the three-dimensional space the carton occupies: length x width x height measured in cubic inches or cubic centimetres.

**Chargeable Weight:**

- The chargeable weight of the shipment will be the higher of the volumetric weight or the gross weight.

**How to Calculate Volumetric Weight (International air shipments)**

**International Shipments Calculation with Freight Forwarders**

Imperial (IN / LBS)

DIMENSIONAL WEIGHT =  $\frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic Inches}}{166 \text{ (International)}}$

Metric (CM / KG)

DIMENSIONAL WEIGHT =  $\frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic Centimetres}}{6000 \text{ (International)}}$

**International Shipments Calculation with DHL Express, TNT Express and FedEx Express**

Metric (CM / KG)

DIMENSIONAL WEIGHT =  $\frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic Centimetres}}{5000 \text{ (International)}}$

**International Shipments Calculation with DHL Freight and TNT Economy**

Metric (CM / KG)

DIMENSIONAL WEIGHT =  $\frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic Centimetres}}{4000 \text{ (International)}}$

**Identifying what your chargeable weight will be:**

**Example - Imperial Calculation**

Actual Pallet Weight = 250lbs  
Pallet Dimensions = 48 x 40 x 50in  
Pallet Volumetric weight =  $(48 \times 40 \times 50) / 166 = 578.31\text{lbs}$   
Chargeable Weight of shipment = 578.5lbs

**Example - Metric Calculation**

Actual Pallet Weight = 150kg  
Pallet Dimensions = 122cm x 102cm x 120cm  
Pallet Volumetric weight =  $(122 \times 102 \times 120) / 6000 = 248.88\text{kg}$   
Chargeable Weight of shipment = 249kg

**How to Calculate Volumetric Weight (USA Domestic air shipments)**

Imperial (IN / LBS)

DIMENSIONAL WEIGHT =  $\frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic Inches}}{166 \text{ (USA Domestic)}}$

**Example - Imperial Calculation**

Actual Pallet Weight = 250lbs  
Pallet Dimensions = 48 x 40 x 50in  
Pallet Volumetric weight =  $(48 \times 40 \times 50) / 166 = 578.31\text{lbs}$   
Chargeable Weight of shipment = 578.5lbs

**How to Calculate Volumetric Weight (International air shipments)**

Metric (CM / KG)

DIMENSIONAL WEIGHT =  $\frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic centimetres}}{6000 \text{ (International)}}$

**Example - Metric Calculation**

Actual Pallet Weight = 600kg  
Pallet Dimensions = 122 x 102 x 100cm  
Pallet Volumetric weight =  $(122 \times 102 \times 100) / 6000 = 207.4\text{kg}$   
Chargeable Weight of shipment = 600kg

**Length or Girth - (For FedEx International and USA domestic Air and Ground)**

Your Chargeable Weight will be based on the greater between the actual package weight and the Length and Girth of the package.

Length - is the largest dimension of the carton or object being shipped. For example, if the package is very tall (height is greater than the base) use the height as the length.

Girth - is the sum of 2 times the width plus 2 times the height or the measurement around the largest area of the cylinder (see illustration).

