

Celestica Thailand Routing Guide

Site Name and Address
Celestica (Thailand) Limited
49/18 Moo 5, Laemchabang Industrial Estate Tungsukhla, Sriracha, Chonburi 20230, Thailand

Site logistics contacts	Title	Phone	Email
Panchawin Naensing	Assistant Logistics Manager	66(0)38493561 to 80 ext 6655	npanchaw@celestica.com
Patchara Koepsansukwattana	Logistics Superintendent / Customs Compliance	66(0)38493561 to 80 ext 6644	patchara@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 and express freight with Celestica Thailand logistics contacts.

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.

AIR shipment weights are based on chargeable weights (max of dimensional 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			Ocean LCL		Ocean Container	
Supplier Shipping Origin Location	Chargeable Weight	Carrier	T/T (Days)	Chargeable Weight	Carrier	T/T (Days)	Weight	Carrier	T/T (Days)	Weight	Carrier	T/T (Days)	Carrier
Europe (EU)	< 50 kg	DHL Express	3-4	50kg - 1000 kg	Check with CTH Logistics Team	6-7	-	-	-	1000 kg +	Check with CTH Logistics Team	50-55	Check with CTH Logistics Team
Europe Exception: Austria, Belgium, France, Great Britain, Spain, Switzerland, Sweden	< 70 kg	DHL Express	3-4	> 70 kg	TNT (48N)	6-7	-	-	-	1000 kg +	Check with CTH Logistics Team	50-55	Panalpina
Europe Exception: Denmark and Italy	< 100 kg	DHL Express	3-4	100kg - 1000 kg	Check with CTH Logistics Team	6-7	-	-	-	1000 kg +	Check with CTH Logistics Team	50-55	Check with CTH Logistics Team
Europe Exception: Germany	< 50 kg	DHL Express	3-4	100kg - 1000 kg	CEVA SL3	6-7	-	-	-	1000 kg +	Check with CTH Logistics Team	50-55	Check with CTH Logistics Team
Europe Exception: Ireland	< 70 kg	DHL Express	3-4	> 70 kg	Agility SL3	6-7	-	-	-	1000 kg +	Check with CTH Logistics Team	50-55	Panalpina
Europe Exception: Czech Republic, Poland, Romania, Slovakia, Hungary	< 50 kg	TNT Express (15N)	3-4	50kg - 1000 kg	TNT Economy (48N)	6-7	-	-	-	1000 kg +	Check with CTH Logistics Team	50-55	Check with CTH Logistics Team
China - Eastern Gateway: Shanghai (Changzhou, Hangzhou, Hubei, Jiangsu, Kunshan, Nantong, Nanjing, Ningbo, Shanghai, Suzhou, Wuhan, Wujiang, Wuxi, Yancheng)	FedEx: < 20kg DHL: < 100 kg	Fedex Int'l Priority (less than 20kg) DHL Express (less than 100kg)	3-4	**Required approval from CTH Logistics**	Dachser SL3	-	100 kg +	TNT ARN (GCBE) Contact Buyer for further info. **Only applicable for cargo not suitable to ship via ocean**	10-12	100 kg +	Panalpina	14	Ceva Exception Suzhou & Shanghai use Panalpina
China - Northern Gateway: Beijing (Beijing, Tianjin, Tangshan, Shijiazhuang etc)	FedEx: < 20kg DHL < 300 kg	Fedex Int'l Priority (less than 20kg) DHL Express (less than 300kg)	4	300kg - 600 kg	Agility SL3	5	-	-	-	600 kg +	Panalpina	21	Agility
China - Northern - Qingdao, Shandong	FedEx: < 20kg DHL < 300 kg	Fedex Int'l Priority (less than 20kg) DHL Express (less than 300kg)	4	300kg - 600 kg	Agility SL3	5	-	-	-	600 kg +	Panalpina	-	Check with CTH Logistics Team
China - Central Gateway: Beijing - Zhengzhou, Henan	FedEx: < 20kg DHL < 300 kg	Fedex Int'l Priority (less than 20kg) DHL Express (less than 300kg)	4	300kg - 600 kg	CEVA SL3	5	-	-	-	600 kg +	Panalpina	21	Panalpina
China - Central Gateway (Air): Beijing Gateway (Ocean): Shanghai - Xi'an	FedEx: < 20kg DHL < 300 kg	Fedex Int'l Priority (less than 20kg) DHL Express (less than 300kg)	7	300kg - 600 kg	Panalpina SL3	6	-	-	-	600 kg +	Panalpina	21	Panalpina
China - Western - Chengdu	FedEx: < 20kg DHL < 300 kg	Fedex Int'l Priority (less than 20kg) DHL Express (less than 300kg)	4	300 kg +	CEVA SL3	5-7	-	-	-	-	-	-	-

China - Southern China - Guangdong - Guangzhou, Dongguan, Shenzhen, etc	FedEx: < 20kg DHL: <100 kg	Fedex Int'l Priority (less than 20kg) DHL Express (less than 100kg)	3	**Required approval from CTH Logistics**	Agility (HKG A/Consol)	-	100 kg +	TNT ARN (GCBE) **Only applicable for cargo not suitable to ship via ocean**	8	100 kg +	Agility HK (Buyer Consol)	8-11	Agility HK (Buyer Consol) NON Consol use Dachser
China - South China in Zip code of Fujian 350000-369999 and Guangdong 510000-529999	FedEx: < 20kg DHL: <100 kg	Fedex Int'l Priority (less than 20kg) DHL Express (less than 100kg)	3	**Required approval from CTH Logistics**	Agility (HKG A/Consol)	-	100 kg +	TNT ARN (GCBE) **Only applicable for cargo not suitable to ship via ocean**	8	100 kg +	Agility HK (Buyer Consol)	8-11	Agility HK (Buyer Consol)
China - Southern China - Nanning *Pick-up at Shenzhen only*	FedEx: < 20kg DHL: <100 kg	Fedex Int'l Priority (less than 20kg) DHL Express (less than 100kg)	3	**Required approval from CTH Logistics**	Agility (HKG A/Consol)	-	100 kg +	TNT ARN (GCBE) **Only applicable for cargo not suitable to ship via ocean**	8	100 kg +	Agility HK (Buyer Consol)	14	Agility HK (Buyer Consol)
China - Southern exception Foshan	FedEx: < 20kg DHL < 300 kg	Fedex Int'l Priority (less than 20kg) DHL Express (less than 300kg)	3	**Required approval from CTH Logistics**	Agility (HKG A/Consol)	-	100 kg +	TNT ARN (GCBE) **Only applicable for cargo not suitable to ship via ocean**	8	300 kg +	Agility HK (Buyer Consol)	8-11	Agility HK (Buyer Consol)
China - Southern exception Xiamen	FedEx: < 20kg DHL < 300 kg	Fedex Int'l Priority (less than 20kg) DHL Express (less than 300kg)	3-4	-	-	-	-	-	-	300 kg +	Panalpina	21	Agility
China - Southern exception Macau, Hainan, Haikou	FedEx <20kg DHL < 600 kg	FedEx Int'l Priority (less than 20kg) 'DHL Express (less than 600kg)	2	-	-	-	-	-	-	-	-	-	-
China - Southern exception Zhuhai (commodity: battery)	< 600 kg	Agility SL3	-	-	-	-	-	-	-	-	-	-	-
China - Southern China - Hainan (Haikou, etc.)	FedEx: < 20kg +20kg All DHL	Fedex Int'l Priority (less than 20kg) DHL Express	-	-	-	-	-	-	-	-	-	-	-
China Southern Exception for material not able to move by ocean: Guangdong province	FedEx: < 20kg DHL: <100 kg	Fedex Int'l Priority (less than 20kg) DHL Express (less than 100kg)	3	**Required approval from CTH Logistics**	Agility (HKG A/Consol)	-	100 kg +	TNT ARN (GCBE)	-	-	-	-	-
Hong Kong	< 50 kg	DHL Express (EXW) Agility HKG A/Consol (FOB)	DHL: 2-3 Agility: 4	-	-	-	-	-	-	50 kg +	Agility (HK Buyer Consol)	8-11	Agility
Hong Kong (Exception: for IC and capacitors)	< 150 kg	DHL Express	2	-	-	-	-	-	-	-	-	-	-
Japan	< 50 kg	TNT Express (15N)	2	50kg. +	Expeditors International SL3	3	-	-	-	-	-	-	Check with CTH Logistics Team
Malaysia (Penang and Kuala Lumpur)	< 20 kg	DHL Express	2	-	-	-	30kg - 2000 kg	TNT Economy (48N)	4	Check with CTH Logistics Team	-	-	Check with CTH Logistics Team
Malaysia (Kuching)	<1000 kg	DHL Express	3	-	-	-	FTL > 2000 kg.	Damco	-	Check with CTH Logistics Team	-	-	-
Malaysia (Johor) - General Cargo	< 30 kg	DHL Express	2	-	-	-	30kg - 2000 kg	TNT Economy (48N)	4	Check with CTH Logistics Team	-	17	CEVA
India	< 100 kg	DHL Express	5	100kg - 1000 kg	Check with CTH Logistics Team	-	-	-	-	Check with CTH Logistics Team	-	-	Check with CTH Logistics Team
Taiwan Kaohsiung (KHH)	< 70 kg	DHL Express	2	70kg - 200 kg	Agility (A/Consol)	4	-	-	-	200 kg +	Panalpina	-	Check with CTH Logistics Team
Taiwan Taipei (TPE)	< 30 kg	DHL Express	2	30kg - 500 kg	Agility (A/Consol)	3	-	-	-	500 - 1000 kg	Panalpina	14	Panalpina
South Korea	< 30 kg	TNT Express (15N)	2	30kg +	Agility (A/Consol)	3	-	-	-	Check with CTH Logistics Team	-	-	Check with CTH Logistics Team
Singapore	< 50 kg	-	-	-	Agility (A/Consol)	3	50kg - 1000 kg	TNT Economy (48N)	4	1000 kg +	Panalpina	8-11	Ceva
Singapore (Exception: for IC)	< 100 kg	-	-	-	Agility (A/Consol)	-	-	-	-	-	-	-	-
Philippines	<1000 kg	-	-	-	Agility (A/Consol)	3-4	-	-	-	Check with CTH Logistics Team	-	-	Check with CTH Logistics Team
Indonesia	Check with CTH Logistics Team	DHL Express	2-3	Check with CTH Logistics Team	-	-	-	-	-	-	-	-	-
Israel	Check with CTH Logistics Team	Check with CTH Logistics Team	-	-	Check with CTH Logistics Team	-	-	-	-	Check with CTH Logistics Team	-	-	-
Laos	< 100 kg	SAVAN	-	-	-	-	100 kg +	3X Logistics	2	-	-	-	-

Vietnam	< 20 kg	TNT Express (15N)	3	-	-	-	20 kg +	TNT Economy (48N)	7	-	-	-	-
Asia others	-	-	<600 kg		Check with CTH Logistics Team		-	-	-	-	-	-	-
Thailand-Domestic	-	-	-	-	-	-	< 50 kg >50 kg	DHL Express (less than 50kg) Yusen (more than 50kg)	DHL: 1-2 Yusen: 1	-	-	-	-
Australia and New Zealand	< 100 kg	DHL Express	3-4	100kg - 1000 kg	TNT (48N)	6-7	-	-	-	1000 kg +	Check with CTH Logistics Team	30	Check with CTH Logistics Team
Canada	< 100 kg	DHL Express	5	100kg - 1000 kg	Expeditors SL3	7	-	-	-	1000 kg +	Check with CTH Logistics Team	55-60	Check with CTH Logistics Team
Mexico(incl. Monterrey)	< 150 kg	DHL Express	5	150kg - 1000 kg	Panalpina SL3	7	-	-	-	1000 kg +	Check with CTH Logistics Team		Check with CTH Logistics Team
Mexico Exception: - HERMOSILLO	< 100 kg	DHL Express	5	100kg - 1000 kg	Expeditors International SL3	7	-	-	-	1000 kg +	Check with CTH Logistics Team	55-60	Check with CTH Logistics Team
Mexico Exception: - Guadalajara and surrounding area	< 100 kg	DHL Express	5	100kg - 1000 kg	Agility SL3	7	-	-	-	1000 kg +	Check with CTH Logistics Team	55-60	Check with CTH Logistics Team
Argentina, Brazil, Costa Rica, Dominican Republic, El Salvador, Puerto Rico	<50 kg	DHL Express	5	50kg +	Check with CTH Logistics Team		-	-	-	1000 kg +	Check with CTH Logistics Team		Check with CTH Logistics Team
North America: OTHERS	<50 kg	DHL Express	5	50kg +	Check with CTH Logistics Team		-	-	-	1000 kg +	Check with CTH Logistics Team	55-60	Check with CTH Logistics Team
USA See below USA origin consolidation point for ship to address. See below Thailand invoice requirements for commercial invoice consignee address.	Panalpina/ Consol												
	<150lbs or <70kg	FedEx Ground (Chicago or Los Angeles) See below for Origin States Bill 3rd Party		Panalpina Air Consol * See below "USA origin Consolidation Point" for ship to address in Chicago or Los Angeles according to supplier's address*			150lbs + or 70kg +	FedEx Freight Priority LTL (Chicago or Los Angeles) See below for Origin States Bill 3rd party to: Celestica San Jose, 5325 Hellyer Ave., San Jose, CA 95138			1000 kg +	Panalpina	55-60

Carrier Information			
Carrier	Phone	Contact Name	Web Site/ Email Address
Agility	See web site for local contacts	See web site for local contacts	www.agility.com
CEVA	See web site for local contacts	See web site for local contacts	www.cevalogistics.com
DHL Express	See web site for local contacts	See web site for local contacts	www.dhl.com
DHL Global Forwarding	See web site for local contacts	See web site for local contacts	www.dhl.com
FedEx	1-800-463-3339	-	www.fedex.com/?location=home
FedEx (USA to Chicago)	See web site for local contacts	See web site for local contacts	https://www.fedexfreight.fedex.com/locations.jsp
FedEx (USA to Los Angeles)	See web site for local contacts	See web site for local contacts	https://www.fedexfreight.fedex.com/locations.jsp
Panalpina	See web site for local contacts	See web site for local contacts	www.panalpina.com
TNT	See web site for local contacts	See web site for local contacts	www.tnt.com

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
Celestica c/o Panalpina, Inc. Attn: Celestica (Thailand) Limited	800 E. Devon Avenue, Elk Grove Village, IL, 60007, United States	Celestica Support Desk	630-477-4000 ext 1340	847-545-5568	AE_Celestica_CS.CHI@panalpina.com
Celestica c/o Panalpina, Inc. Attn: Celestica (Thailand) Limited	19900 S. Vermont Avenue, Suite A, Torrance, CA 90502, USA	Celestica Support Desk	310-819-4060 ext: 1940	1-310-819-4055 or 1-310-819-4058	celesticaexp.LAX@panalpina.com
Consolidation Hub Location					
USA Origin Shipping States					
Chicago Hub (Elk Grove)					
Los Angeles Hub (Torrance)					

Note:

- 1. Chemicals Shipment - Pls provide MSDS to Logistics for Department of Industrial work (DIW) consideration before issue PO.**
- 2. Air shipment weights are based on chargeable weight when determining mode of transportation. The greater of dimensional and actual weight is the chargeable weight.
* Pls see details at - How to Calculate Volumetric Weight (International air shipments)**
- 3. On the invoice(s) must show Celestica's name & address as below**

**CELESTICA (THAILAND) LIMITED
49/18 MOO 5 , LAEM CHABANG
INDUSTRIAL ESTATE , TUNGSUKHLA,
SRIRACHA , CHONBURI 20230 , THAILAND**

- 4. Any premium freight or any deviation from the routing guide must get approval
Premium freight: Approval Levels**

Celestica to Absorb		
Dollar Range (USD)	Business	Finance
\$0 - \$5k	Freight/Logistics Manager, CFT PM/SCM Manager	
\$5k - \$25k	Freight/Logistics Manager, CFT/Site Director	Site Controller*
> \$25k	SVP GM	Regional Finance VP
Customer to Absorb		
Dollar Range (USD)	Business	Finance
\$0 - \$9999	Customer**, CFT PM/SCM Manager	
> \$9999	Customer**, CFT/Site SCM Director	Site Controller*

5. CTH Logistics contacts

Origin Port	Person in Charge	E-mail	Contact #
TH	Darunee Tabsee	ndarunee@celestica.com	+6638493561 EXT 6875
HK, KR, TW	Kwankamol Hanlue	kwhanl@celestica.com	+6638493561 EXT 6891
EU, MY, PH, SG, Americas (Except USA) i.e CA, MX	Natthinee Yathai	nyathai@celestica.com	+6638493561 EXT 6876
CN, JP, Macau	Suntisook Hanjaithai	suhanja@celestica.com	+6638493561 EXT 6886
USA, Other Asia	Thitapha Sangchairoj	tsangch@celestica.com	+6638493561 EXT 6864
Back up	Patchara Koepisansukwattana	patchara@celestica.com	+6638493561 EXT 6644
Escalation	Panchawin Naensing	npanchaw@celestica.com	+6638493561 EXT 6655

Effective : June 01, 2018

Thailand Invoice Requirements

For shipments being imported into Thailand, it is vital that the invoice must be completed accurately with all required information.

1. Supplier Name, Address and telephone number
2. Consignee Name, Address without discrepancy, abbreviation, shortening of any characters.
All Commercial invoices must list the following address. **Please do not list a consolidation point address on the commercial invoice.**
CELESTICA (THAILAND) LIMITED.
49/18 MOO 5, LAEMCHABANG INDUSTRIAL ESTATE,
TUNGSUKHLA, SRIRACHA, CHONBURI 20230
THAILAND EPZ
3. Invoice Number
4. Date of shipment
5. Celestica Part Number
6. Celestica Purchase Order Number / RMA Number
7. Complete , clear description of the goods, machinery or equipment
This is very important. Do not use abbreviations. It is necessary that customs will be able to determine what the goods are, from the description. As all goods must be classified in accordance with Harmonized Tariff schedules.
For RMA units, you must indicate "Return unit for repair" on shipping documents.
8. Quantity of each item being shipped.
9. Unit Price
10. Total Invoice Price
11. Currency of settlement.
12. Country of Origin
13. Inco-term
14. Number of carton/package, dimension and weight (Packing list is required for Equipment shipment)

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>

<http://www.census.gov/foreign-trade/regulations/reqs/regulations20080602-federalregister.pdf>

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

1-Commercial Invoice (please refer to the above international documentation requirements).

2-SLI / EEI http://www.panalpina.com/www/usa/en/home/documents_downloads.html

3-Packing List

4-Consent to Search and Inspection Form (CSI)

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 centimeters.

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 (Agility, CEVA, DHL Global Forwarding and Panalpina)

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

Metric (CM / KG)
 DIMENSIONAL WEIGHT = $\frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic Centimeters}}{6000}$ (International)

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

Metric (CM / KG)
 DIMENSIONAL WEIGHT = $\frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic Centimeters}}{6000}$ (International)

International Shipments Calculation with DHL Freight and TNT Economy

Metric (CM / KG)
 DIMENSIONAL WEIGHT = $\frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic Centimeters}}{6000}$ (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 = $(48 \times 40 \times 50) / 139 = 690.65\text{lbs}$
 Chargeable Weight of shipment = 691lbs

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 = 299kg

How to Calculate Volumetric Weight (USA Domestic air shipments)

Imperial (IN / LBS)
 DIMENSIONAL WEIGHT = $\frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic Inches}}{166}$ (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 = $\frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic Centimeters}}{6000}$ (International)

Example - Imperial Calculation

Actual Pallet Weight = 272.16 kgs
 Pallet Dimensions = 122cm x 102cm x 120cm
 Pallet Volumetric weight = $(122 \times 102 \times 120) / 6000 = 248.88 \text{ kg}$
 Chargeable Weight of shipment = 272.5 kgs

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).

