

ASM Routing Guide

ASM Routing Guide is the only source that should be used in the identification of transportation providers, approved service levels, and billing instructions for shipments worldwide where ASM is responsible for freight payment. Any deviations to this guide without express written permission will result in freight charges being rejected and billed back to the shipper by the carrier. Please note that all shipments requiring expedited or next-flight-out (NFO) transportation, where additional freight charges will apply must be approved prior to the time of shipment.

Freight Service Levels

Freight must be moved in the most economical mode and service level available according to the order priority indicator on the purchase order / delivery order. Activating freight service upgrade, expedited freight or next-flight-out (NFO) shipment will require approval according to ASM authorized matrix.

Freight forwarder priority to service level mapping (default standard service level is SL3)			
Order Priority	Delivery Priority Description	PT Priority	Freight Service Level
1	Wty/Cont - HARD DOWN	01 - Hard Down (NPI/IQW))	SL1
3	Billable - HARD DOWN	03 - Hard Down/Billable	SL1
2	Special Event Exped	02 - Expedite (NPI Critical)	SL2
4	Limping/Failing/Inst	04 - Limping Tool	SL3
5	Consign Cust. Replen	09 - Standard Expedite	SL3
6	Standard Order	09 - Standard Expedite	SL3
9	Best Date Request	09 - Standard Expedite	SL3
Parcel priority to service code mapping (default standard service level is Economy)			
Order Priority	Delivery Priority Description	PT Priority	Freight Service Level
1	Wty/Cont - HARD DOWN	01 - Hard Down (NPI/IQW))	Priority
3	Billable - HARD DOWN	03 - Hard Down/Billable	Priority
2	Special Event Exped	02 - Expedite (NPI Critical)	Priority
4	Limping/Failing/Inst	04 - Limping Tool	Economy
5	Consign Cust. Replen	09 - Standard Expedite	Economy
6	Standard Order	09 - Standard Expedite	Economy
9	Best Date Request	09 - Standard Expedite	Economy
Service code to service level mapping by LSP			
Service Code	Federal Express	DHL Express	
Priority	Intl Priority	Express WW	
Economy	Intl Economy	Express WW	

Determination of Freight Chargeable Weight

Chargeable weight is either the actual Gross weight or the Dimensional (volumetric or chargeable) weight whichever is greater.

- Gross weight is the full weight of the shipment, including goods and packaging.
- Dimensional (volumetric) weight is a standard formula used throughout the freight industry that considers density when determining charges.
 - To determine the dimensional (volumetric) weight of an Parcel Shipment: use the Weight Formula: Length (cm) x Width (cm) x Height (cm) / 5000
 - To determine the dimensional (volumetric) weight of a Heavyweight Air Shipment: use the Weight Formula: Length (cm) x Width (cm) x Height (cm) / 6000

International Shipments

Small Parcel

- Parcel shipments should be arranged for shipments less than and up to 100 kg (the higher of gross or dimensional weight).
- Correct ASM account number must be used for parcel shipment booking.
- ASM order (purchase order, delivery order or shipment number) reference numbers must be entered in the Shipment Reference fields at point of carrier shipment booking.
- Multiple orders or packages shipped on the same day must be consolidated into one shipment.
- Do not leave any supplier logo, name or contact information on packaging, except on the shipping documents.
- For shipments into ASM America Inc, ship no value declared unless instructed otherwise by ASM.

		Destination				
		AMER	EMEA (NL)	EMEA (IE)	EMEA (IL)	EMEA (Others)
Origin	AMER	Federal Express	Federal Express	Federal Express	Federal Express	Federal Express
	APAC (SG)	Federal Express	DHL Express	Federal Express	Federal Express	DHL Express
	APAC (MY)	Federal Express	DHL Express	Federal Express	Federal Express	DHL Express
	APAC (TW)	Federal Express	DHL Express	Federal Express	Federal Express	DHL Express
	APAC (CN)	Federal Express	DHL Express	Federal Express	Federal Express	DHL Express
	APAC (JP)	Federal Express	DHL Express	Federal Express	Federal Express	DHL Express
	APAC (KR)	Federal Express	DHL Express	Federal Express	Federal Express	DHL Express
	APAC (Others)	Federal Express	DHL Express	Federal Express	Federal Express	DHL Express
	EMEA (NL)	Federal Express		DHL Express	DHL Express	DHL Express
	EMEA (IE)	Federal Express	DHL Express		DHL Express	DHL Express
	EMEA (IL)	Federal Express	DHL Express	DHL Express		DHL Express
	EMEA (Others)	Federal Express	DHL Express	DHL Express	DHL Express	DHL Express

		Destination						
		APAC (SG)	APAC (MY)	APAC (TW)	APAC (CN)	APAC (JP)	APAC (KR)	APAC (Others)
Origin	AMER	Federal Express	Federal Express	Federal Express	Federal Express	Federal Express	Federal Express	Federal Express
	APAC (SG)		Federal Express	Federal Express	DHL Express	Federal Express	Federal Express	DHL Express
	APAC (MY)	Federal Express		Federal Express	DHL Express	DHL Express	Federal Express	DHL Express
	APAC (TW)	Federal Express	Federal Express		Federal Express	Federal Express	Federal Express	DHL Express
	APAC (CN)	Federal Express	Federal Express	Federal Express		Federal Express	Federal Express	DHL Express
	APAC (JP)	Federal Express	Federal Express	Federal Express	Federal Express		Federal Express	DHL Express
	APAC (KR)	Federal Express	Federal Express	Federal Express	Federal Express	Federal Express		DHL Express
	APAC (Others)	DHL Express	DHL Express	Federal Express	DHL Express	DHL Express	Federal Express	DHL Express
	EMEA (NL)	DHL Express	Federal Express	Federal Express	Federal Express	Federal Express	Federal Express	DHL Express
	EMEA (IE)	DHL Express	Federal Express	Federal Express	Federal Express	Federal Express	Federal Express	Federal Express
	EMEA (IL)	Federal Express	DHL Express	Federal Express	DHL Express	Federal Express	Federal Express	Federal Express
EMEA (Others)	DHL Express	DHL Express	Federal Express	Federal Express	Federal Express	Federal Express	DHL Express	

Heavyweight Air (freight forwarder)

- Heavyweight air shipments should be arranged for shipments above 100 kg (the higher of gross or dimensional weight).
- ASM order (purchase order, delivery order or shipment number) reference numbers must be entered in the Shipment Reference fields at point of carrier shipment booking.
- Multiple orders or packages shipped on the same day must be consolidated into one shipment.
- Do not leave any supplier logo, name or contact information on packaging, except on the shipping documents

Abbreviations

EI: Expeditors International

SGL: Scan Global Logistics (previously Gelders Forwarding)

		Destination		
		AMER	APAC	EMEA
Origin	AMER	EI	EI	SGL
	APAC	EI	EI	SGL
	EMEA	SGL	SGL	SGL

Cross Border Trucking (Malaysia – Singapore)

- Cross border trucking should be arranged for shipments between Malaysia and Singapore.
- ASM order (purchase order, delivery order or shipment number) reference numbers must be entered in the Shipment Reference fields at point of carrier shipment booking.
- Multiple orders or packages shipped on the same day must be consolidated into one shipment.
- Do not leave any supplier logo, name or contact information on packaging, except on the shipping documents

		Destination	
		Malaysia	Singapore
Origin	Malaysia	Target Roda	Target Roda
	Singapore	Target Roda	Target Roda

Domestic Shipments

- ASM order (purchase order, delivery order or shipment number) reference numbers must be entered in the Shipment Reference fields at point of carrier shipment booking.
- Multiple orders or packages shipped on the same day must be consolidated into one shipment.
- Do not leave any supplier logo, name or contact information on packaging, except on the shipping documents

Abbreviations

EI: Expeditors International

SGL: Scan Global Logistics (previously Gelders Forwarding)

UPS SCS: UPS Supply Chain Solutions

FedEx: Federal Express Corporation

NX: Nippon Express

Warehouse LSP: Please contact ASM for Carrier Information

	Mode				Remarks
	Surface < 70kg	Surface > 70kg	Parcel	Air	
America	FedEx Ground	FedEx Freight	FedEx	EI	For Capital Equipment: Please contact ASM
APAC (SG)	Sin Chew	Sin Chew			For Capital Equipment: Target Roda
APAC (MY)	Target Roda	Target Roda			For Capital Equipment: Target Roda
APAC (TW)	Warehouse LSP	Warehouse LSP			-
APAC (CN)	Warehouse LSP	Warehouse LSP			-
APAC (JP)	Warehouse LSP	Warehouse LSP			For Capital Equipment: Shinkai Transport
APAC (KR)	Warehouse LSP	Warehouse LSP			-
APAC (Others)					Please contact ASM
EMEA (NL)	SGL	SGL			-
EMEA (IE)	EI	EI			-
EMEA (IL)	-	-			-
EMEA (Others)	SGL	SGL			For Capital Equipment: SGL

Contact

For service upgrade, expedited or next-flight-out (NFO) transportation, please contact ASM authorized approvers for written approvals.

For any questions about this routing guide or to obtain additional clarification, please contact the following departments.

<Global Purchasing>

E: asmglobal-purchasing@asm.com

<Global Logistics – Central Freight Team>

E: gops-gssfreight@asm.com