

Military Surface Deployment and Distribution Command

Customer and Carrier Advisory

June 1, 2023

CA-23-01-24/0011

Update 1

Subject: Rounding and Defense Table of Official Distances (DTOD) Mileage Guidance for Universal Service Contract (USC), Multi-Modal (MM), US Naval Station Guantanamo Bay (NSGB) Contracts

Purpose: To standardize rounding and mileage throughout SDDC HQ, Commercial Carriers, and Ordering Officers.

Be Advised: Below defines how IBS will calculate moves booked via USC, MM, and NSGB, until IBS Cloud Native is released. These procedures should be utilized in manual bookings and to validate BRT entries.

Financial:

IBS: Round half up to the hundredths

Ex: $\$257.454 = \257.45

$\$257.455 = \257.46

Differential:

Twenty Foot Container Ocean

IBS: Round half up to the hundredths

Ex. 40 Foot Container (Ocean) Rate: $\$1,374.00$

$\$1,374 \times .75 = \$1,030.50$

$\$1,375 \times .75 = \$1,031.25$

***New rate will always have a "0" in the thousandths place. ***

Refrigerated Line Haul

IBS: Round half up to the hundredths

Ex: Line Haul Rate: $\$1,374.00$

$\$1,374.00 \times 1.30 = \$1,786.20$

$\$1,375.00 \times 1.30 = \$1,787.50$

***New rate will always have a "0" in the thousandths place. ***

20 Foot Linehaul

IBS: Round half up to the hundredths

Ex: 40 Foot Linehaul rate: $\$4,207.00$

$\$4,207 \times .85 = \$3,575.95$

$\$4,208 \times .85 = \$3,576.80$

***New rate will always have a "0" in the thousandths place. ***

Mileage:

Defense Table of Official Distances (DTOD) for mileage

1. USC applies DTOD mileage at the initial time of booking. DTOD and IBS now possess the capability to select in-depth historical mileage. Mileage can now be calculated referencing DTOD at time of 'reconciliation' review.

2. DTOD Access must reflect DoD User/Carrier User with special approval for MVS access.
3. On the main DTOD login page (Home), the current Version number is displayed with the effective date. On the 'Calculate Distance' screen, user can now select a 'Version' that corresponds with the time of the booking needed to review a historical mileage for a BRT. These timeframes can be found by clicking 'Help' in the Menu bar, then 'DTOD Versioning'. This information can also be found by clicking 'Information' in the Menu bar, then 'Interfacing'. Scroll to bottom and click 'Download' for 'SPLC-Example.txt'. This will provide a list of the date ranges for each DTOD version.
4. DTOD's History file adds a zero after version when displayed on "Calculate Distance" screen. Ex. Version 36 will display as 360 in the drop down.

IBS: Mileage should use hundredths and round half-up to tenths.

How to pull DTOD's mileage and calculate rate:

1. Mileage will be pulled from DTOD: Select "Calculate Distances" → "Trip Entry"
2. Route Type Drop Down: Select "General Freight", Country Code Format Drop Down: Select "FIPS Code"
3. Enter Origin/Destination City and hit "Look Up Origin/Destination", scroll and select the cities that *DO NOT* have a zip code.
4. Select "Click To Get Distances" DTOD then displays mileage to the thousandths place (123.256 miles).
5. To get mileage to match IBS:
 - a. Half round mileage up to tenths (DTOD mileage = 123.256 becomes 123.3; and 123.246 becomes 123.2).
 - b. Multiply rounded mileage (rounded to tenths) by rate; round answer half-up to hundredths (cost = \$123.256 becomes \$123.26; and \$123.244 becomes \$123.24).

Cube: $((L \times W \times H)/1728)$

IBS: Round up to next integer

Ex: $(208 \times 96 \times 85)/1728$
 $1,697,280/1728 = 982.222$
 Rounded = 983

Measurement TON (MTON): $(\text{Cube}/40)$

IBS: Round half-up to hundredths

Ex: $983/40 = 24.575$
 Rounded = 24.58

Ex: No example of round down: Whole number / 40 will always in .005 or .000.

DTOD Business Rules

1. User must spell out 'Air Force Base' and 'Fort' to retrieve the correct DTOD entry for AFB and FT. This will provide the non-zip code location.
2. Port Groups: IBS uses port groups when getting mileage from DTOD. There are a few exceptions to the port group naming conventions in the USC contract. When utilizing DTOD, use the below DTOD location vice the port group name in the USC:

Port Group	DTOD Location
Los Angeles	San Pedro, CA
Puget Sound	Seattle, WA
Khalifa Bin Salman	Manama, BA

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Expiration: N/A

Category: Systems