

ERRATUM

ORTHODROME-LOXODROME CORRELATION BY THE MIDDLE LATITUDE RULE – ERRATUM

Miljenko Petrović

doi:10.1017/S037346331300074X, Published by Cambridge University Press,
 20 November 2013.

The publisher apologises for the errors in Paragraph 1 of the Introduction. Lines 6–10 of paragraph one should read as follows:

Finding the infinitesimal distance dD_O that the vessel must cover in Great Circle sailing for the orthodromic course to change by a small value dC_O illustrates the problem. Referring to Figure 1, from a spherical right angled triangle TVP with any two parts given any third can be found as follows:

And in Table 1, there are errors in Line 1 and Line 5. Lines 1 and 5 should read as follows:

Line 1

5°/25° – 14°17·6'/79°11·2' 22°25·3'/51°25·1' 70·7°/84·2° 4702·7'/4695·1' 4685·9'

Line 5

45°/65° – 58°28·0'/62°12·3' 62°05·6'/33°54·3' 49·2°/77·0° 2361·7'/2344·6' 2323·2'

The corrected Table is given below.

Table 1. Middle Latitude Rule (Sphere).

φ_T/φ_V	λ_0/λ_V	φ_I/λ_I	θ_T/θ_I	D_{TLV}/D_{TIV}	D_{GC}
5°/25°	– 14°17·6'/79°11·2'	22°25·3'/51°25·1'	70·7°/84·2°	4702·7'/4695·1'	4685·9'
15°/35°	– 33°24·8'/67°30·0'	32°11·2'/41°30·7'	65·6°/82·6°	3813·8'/3803·4'	3790·6'
25°/45°	– 46°02·0'/62°12·3'	42°05·5'/36°48·0'	60·7°/81·0°	3226·4'/3213·7'	3197·8'
35°/55°	– 54°22·5'/60°38·4'	52°03·9'/34°34·8'	55·5°/79·3°	2767·0'/2752·1'	2733·4'
45°/65°	– 58°28·0'/62°12·3'	62°05·6'/33°54·3'	49·2°/77·0°	2361·7'/2344·6'	2323·2'

REFERENCE

Miljenko Petrović. Orthodrome-Loxodrome Correlation by the Middle Latitude Rule. *Journal of Navigation*. Published by Cambridge University Press, 20 November 2013. doi:10.1017/S037346331300074X.