

GUI	panel	Feature selection / presentation
SEAMCAT	EPP Configuration	Propagation model Links to be considered (VL and/or IL) Vectors to be reported (like C/I, iRSS, path loss)
EPP	Configuration	Centre of the simulation area (coordinates) ^{1 x} Change propagation model ² Select single link to be shown as path profile ³ Generate terrain profile for the simulation area ⁴ Add vectors not selected already. e.g. I/N ² Generate distribution plot of a vector
	Path profile	Show path profile
	Terrain profile	Show terrain profile
	Vector distribution	Show distribution

Table: proposed features of the EPP

Notes:

- 1 check of required terrain data files not yet feasible within the environment of SEAMCAT (as a reminder: the VLT is located at the centre of the simulation area)
- x Format: one of
- 40° 26' 46" N 79° 58' 56" W (e.g. 402646N 0795853W) or
 - 40° 26' 46" N 79° 58' 56" W (e.g. N402646 W0795853) or
 - 40° 26.767' N 79° 58.933' W (e.g. 40N26.767 079W58.933) or
 - 40.446° N 79.982° W (e.g. 40.446N 79.981W) or
 - 40.446 -79.982 (with negative signs for W and S) or
 - separate fields for latitude and longitude using one of the above formats (personally I prefer this with signed decimal format)
- 2 Generates appropriate vectors additionally to the origin vectors
- 3 Option of generating a corresponding vector on the result panel of SEAMCAT ?
- 4 Option of saving the figure e.g. as JPEG ?