$\mathcal{L}(oldsymbol{ heta}) = \mathcal{L}^{ ext{NLL}}(oldsymbol{ heta}) + \lambda \mathcal{L}^{ ext{R}}(oldsymbol{ heta}) \quad \mathcal{L}_{all}(oldsymbol{ heta}) = \sum \mathcal{L}_i(oldsymbol{ heta}) + \mathcal{L}_f(oldsymbol{ heta})$ self-information $(\widehat{lon}_T, \widehat{lat}_T)$ $\mathcal{L}_1(\boldsymbol{\theta})$ $NIG(\gamma_1, v_1, \alpha_1, \beta_1)$ prediction Uncertainty landmark $MIG(\gamma, \upsilon, \alpha, \beta)$ target $\mathbb{E}\big[\sigma^2\big] = \frac{\beta}{\alpha - 1}$ or router aleatoric $\Rightarrow NIG(\gamma_2, \upsilon_2, \alpha_2, \beta_2)$ $Var[u] = \frac{\beta}{v(\alpha - 1)}$ $\mathcal{L}_f(oldsymbol{ heta})$ $\mathcal{L}_{2}(\boldsymbol{\theta})$ epistemic Deep Evidential Network