

COoperative **S**atellite navigation for **ME**teo-marine
MOdelling and **S**ervices



COSMEMOS

Collaborative Project

Call Identifier: FP7-GALILEO-2011-GSA-1

Activity: Exploiting the full potential (7.4.1)

Area: Scientific Applications (7.4.1.3)

Topic: GALILEO.2011.1.3-1 Galileo and EGNOS for Scientific Applications and innovative applications in new domains

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Partners

T0 = 01/03/2012

Beneficiary Number	Beneficiary name	Beneficiary short name	Beneficiary type ¹	Country
1 (coordinator)	Vitrociset Belgium S.p.r.l.	[VTCB]	OTH	BE
2 (scientific coordinator)	Consorzio LaMMA (Laboratorio di Monitoraggio e Modellistica ambientale per lo sviluppo sostenibile)	[LaMMA]	RTD	IT
3	Starlab Barcelona, SL	[Starlab]	SME	ES
4	SPMJ Technology Consulting Ltd	[SPMJ]	SME	UK
5	ITSLAB S.r.l.	[ITSLab]	OTH	IT
6	Forship S.p.A.	[Forship]	OTH	IT
7	Institute of Geodesy and Navigation, University FAF Munich, Germany	[UniBwM]	RTD	DE

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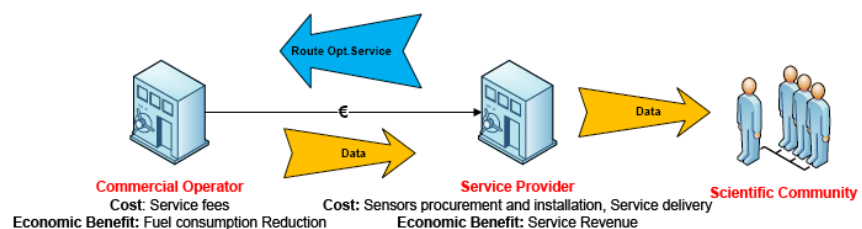
COSMEMOS 4 objectives

1. Collection of available surface meteo data from cooperative ships and extraction of information
2. New GNSS sensors for additional meteo information
3. Impact of COSMEMOS data in meteo models
4. Impact of COSMEMOS data and meteo models in weather routing services

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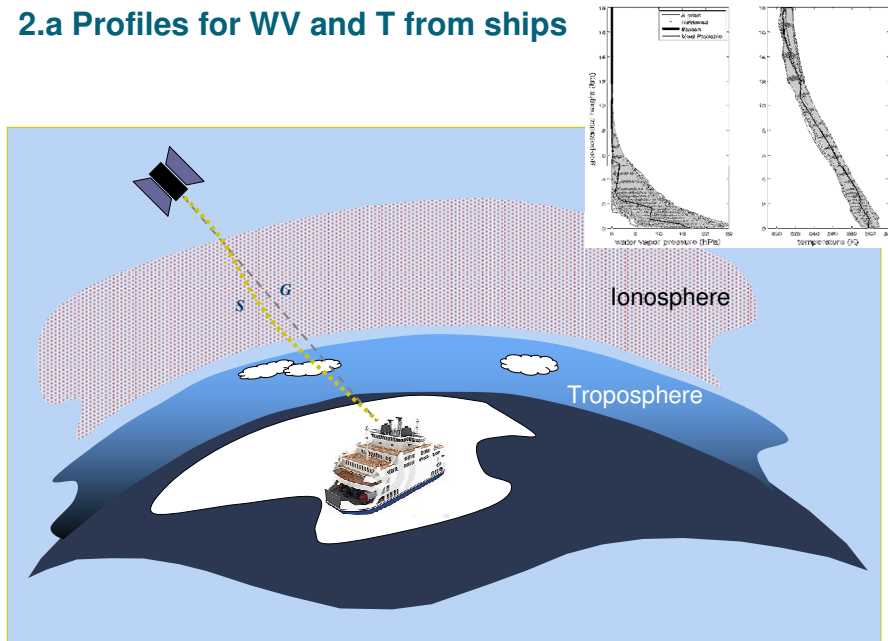
COSMEMOS

... as a sustainable process



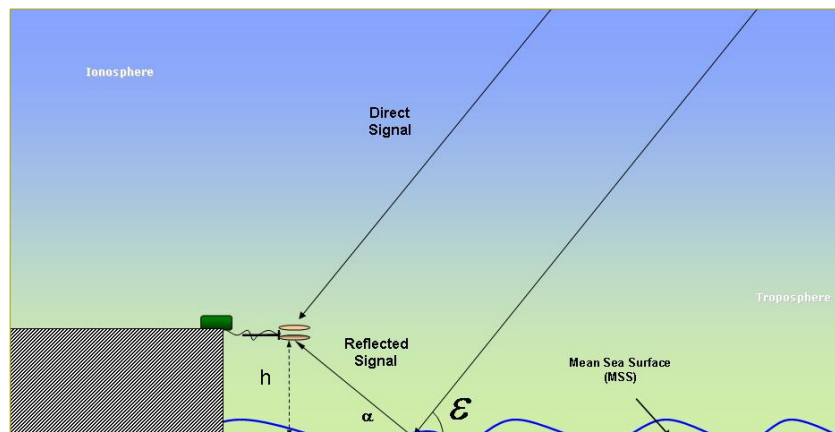
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2.a Profiles for WV and T from ships



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2.b Wave heights from ships with GNSS-R signals



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