



CAPACITY BUILDING SUB-COMMITTEE

PROCEDURE 1 Part 2

SUBMISSION MODEL

IDENTIFICATION

Project Number	
Project Name	LiDAR and Satellite Derived Bathymetry (SDB) Workshop (2017)
Submitting RHC/ (priority)	EAHC
Date of Submission	10th May 2016
Institution executing the project	EAHC
Name of responsible	Rear Admiral Zaaam HASAN
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GENERAL SPECIFICATIONS

(Please provide detailed information in Annex of no more than three pages)

Background information	The ability to obtain bathymetry from spaced based earth observation systems offers a potential solution to the challenge faced in gathering depths across wide areas of coastal waters. Recent improvements in the abilities of sensors mounted in satellite as well as from airplane, including discrimination and frequency detection bands have combined with new algorithms to create a new generation of LiDAR and Satellite Derived Bathymetry (SDB)
Justification of the project	With the rapid change and development of hydrographic and oceanographic data acquisition technologies, hydrographic offices need to cope up with concurrent technologies.
Countries involved	EAHC
Explanation of the problem	The application of the new technologies in especially for shallow waters is effective.
General objective	To learn the basic knowledge of LiDAR and SDB
Specific objectives	For HOs to understand the technology, its strengths, limits and error budgets. To assess if the technology

	can be used to complement in-situ acoustic surveys for nautical charting.
Outputs/Products	Knowledge in LiDAR and SDB in the region
Other deliverables	
Achievements and awaited benefits	EAHC MS could improve their capacities in LiDAR and SDB
Schedule of activities	
Past and/or current related projects supported by CBSC or other sources	None

RESOURCES

Contribution by countries involved	Course expertise		
Contribution from other sources			
Contribution requested from CBFund	Sponsorship for accommodation, air ticket, and food costs		
Total Cost (euros)	23,040 Euros (for 2017)		
Breakdown of costs			
a) From CBFund (item and amount)			
Item	Cost per Person(Euros)	No. of Persons	Total(Euros)
Accommodation - 120 Euros / day / person - 6 days (5 days training + 1 day arrival) - 13 persons(11 trainees+2 lecturers)	720	13	9,360
Return flights - 850 Euros/person - 13 persons(11 trainees+2 lecturers)	850	13	11,050
Course Fees – training software, rental of hardware, training notes, lecturer costs, etc.	2630	1	2,630
Total			23,040
b) From other parties (item and amount)			
Host MS would provide administrative support and logistics arrangements.			