



REPÚBLICA DEL PERÚ
DIRECCIÓN DE HIDROGRAFÍA Y NAVEGACIÓN

Callao,

CIRCULAR CRHPSE N° 010/2015

Señores

Miembros de la Comisión Regional
Hidrográfica del Pacífico Sudeste (CRHPSE)

Ref.: Circular CRHPSE N° 007/2014 de fecha 04 de noviembre del 2014

Tengo el agrado de dirigirme a Ustedes, para saludarlos cordialmente y a la vez informarles que el Coordinador del Comité de la Organización Hidrográfica Internacional para el Desarrollo de la Capacidad (CBSC) de esta Comisión, ha presentado ante nuestra secretaría, DOS (2) propuestas de solicitud de apoyo financiero según el Formulario de Tareas aprobado en su oportunidad por los miembros de esta Comisión Regional.

Al respecto, estas propuestas son para la realización de los siguientes talleres:

- a. "Taller sobre Técnicas y Metodología del Procesamiento de Datos Multihaz" del Centro de Investigaciones Oceanográficas e Hidrográficas del Caribe de la Dirección General Marítima de Colombia (CIOH), a realizarse en el año 2016, la cual se presenta en observancia a la circular de la referencia.
- b. "Taller sobre Metodología LIDAR para Levantamientos Hidrográficos en Aguas poco Profundas" del Instituto Oceanográfico de la Armada del Ecuador (INOCAR), a ejecutarse en el año 2016.

En el caso de la primera propuesta, se ha actualizado el monto final a TREINTA MIL TRESCIENTOS NOVENTA Y OCHO CON 00/100 DOLARES AMERICANOS (US\$ 30,398.00), considerándose que coincide con la proyección que realizó y registra el Formulario de Tareas, y la segunda propuesta a TREINTA MIL CON 00/100 DOLARES AMERICANOS (US\$ 30,000), estos formularios se encuentran anexos a la presente circular.

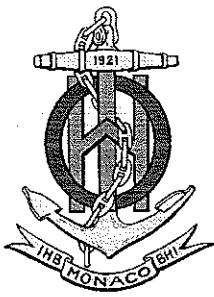
Para mayor información, sírvanse dirigirse al Coordinador del CBSC de esta región, Teniente Segundo Franz PALOMINO Portugal, email: fpalomino@dhn.mil.pe.

Por otro lado, invitamos a considerar la asistencia de los representantes de Colombia y Ecuador, para sustentar la realización de estas importantes propuestas ante la XIII Reunión del Comité de la Organización Hidrográfica Internacional para el Desarrollo de la Capacidad (CBSC), a realizarse del 27 al 29 de mayo del presente, en la ciudad de México.

Hago propicia la ocasión para expresarle los sentimientos de mi más distinguida consideración y deferente estima.

Atentamente,
Contralmirante
Rodolfo SABUCH Luna Victoria

Presidente de la
Comisión Regional Hidrográfica del Pacífico Sudeste
(CRHPSE)



CAPACITY BUILDING SUB-COMMITTEE

PROCEDURE 1

Part 2

SUBMISSION MODEL

IDENTIFICATION

Project Number	(to be filled by CBSC)
Project Name	Workshop on LIDAR technology for shallow waters
Submitting RHC/ (priority)	SEPHC
Date of Submission	May 2015
Institution executing the project	Naval Oceanographic Institute from Ecuador
Name of responsible	Eng. MSIG Patricia Villa
Address	Av. 25 de Julio Vía Puerto Marítimo, Base Naval Sur
Telephone	(593-4) 2481300
Fax	(593-4) 2485166
E-mail	hidrografia@inocar.mil.ec ; patricia.villa@inocar.mil.ec . sec-hidrografia@inocar.mil.ec

GENERAL SPECIFICATIONS

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

Background information	IX SEPHC meeting held in Colombia, 2010
Justification of the project	Add knowledge about LIDAR technology
Countries involved	Colombia (2), Chile (2), Peru (2) and Ecuador (2)
Explanation of the problem	It has not worked with LIDAR technology
General objective	Improve knowledge of the specialists on this subject. The workshop will be aimed at acquiring basic knowledge of LIDAR technology applied to bathymetric surveys in relation to the flow for the acquisition and processing of data acquired
Specific objectives	Planning to determine conditions of application of LIDAR technology for Bathymetric Processing technology acquired with LIDAR data.
Outputs/Products	Flow of work for the acquisition and processing of data acquired.
Other deliverables	The workshop reports
Achievements and awaited benefits	Acquiring basic knowledge of LIDAR technology applied to bathymetry.
Schedule of activities	March 21 to 25, 2016
Past and/or current related projects supported by CBSC or other sources	None

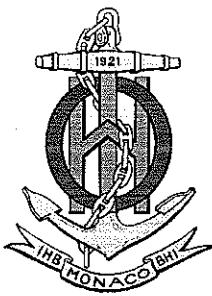
RESOURCES

Contribution by countries involved	None	
Contribution from other sources	Local transfers, logistic	
Contribution requested from CBFund	US\$30,000	
Total Cost (euros)	E 26.540	
Breakdown of costs		
a) From CBFund (item and amount)	Flights	4.200
	Accommodation	3.111
	Transfers	3.600
	Per diem	16.161
	Training	2.928
	Miscellaneous	
b) From other parties (item and amount)	Contribution INOCAR (Local transfers, logistic)	

PROJECT SUMMARY

Sponsor RHC	Year of Execution	Country/Countries involved	Priority /Status	Project Name	Project Objective	Benefits	Assistance required	Cost	Allocation and Priority (to be filled by CBSC)	Cont. Person
SEPHC	2016	Colombia (2), Chile (2), Peru (2) Ecuador		Workshop on LIDAR technology for shallow waters	Improve knowledge of the specialists on this subject. The workshop will be aimed at acquiring basic knowledge of LIDAR technology applied to bathymetric surveys in relation to the flow for the acquisition and processing of data acquired	Improve knowledge of the specialists on use of LIDAR technology	Three instructors	US\$30,000	CPFG-EMT Carlos Zapata, TNNV TNC Jó Alaverde, Eng. MSIG Patricia Villa	

Name and Signature of the RHC Chairman



CAPACITY BUILDING SUB-COMMITTEE

PROCEDURE 1

Part 2

SUBMISSION MODEL

IDENTIFICATION

Project Number	(to be filled by CBSC)
Project Name	Workshop on technics and methodology of multi-beam data processing
Submitting RHC/ (priority)	SEPHC
Date of Submission	May 2015
Institution executing the project	Centro de Investigaciones Oceanograficas e Hidrograficas (CIOH)
Name of responsible	Capt.Ricardo MOLARES
Address	Barrio El Bosque, sector Manzanillo – ENAP Cartagena de Indias, Colombia
Telephone	+ 57 5 669 4104 – 6694465 Ext. 5136
Fax	+ 57 5 669 4390
E-mail	sdihid@cioh.org.co; jefcioh@dimar.mil.co

GENERAL SPECIFICATIONS

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

Background information	According with the identified needs shown in the IX SEPHC meeting carried out in Cartagena, Colombia, EMs prepared a Task Identification Form 2013-2017 and this activity was taken in account.
Justification of the project	To share and exchange knowledge and experiences to standardize procedures and show their news strengthen and disadvantages of their hydrographic equipment, hydrographic data management among others.
Countries involved	Colombia, Ecuador, Peru, Chile
Explanation of the problem	The HOs do not have the appropriate resources to improve their capacities at the same rate than technology Technology is very advanced and Hydrographic Offices have no chance of importing and incorporate them into their processes. Do not count on with Human resources to operate such advanced technology in an efficient and effectively way.
General objective	Develop a workshop on technics and methodology of multi beam data processing
Specific objectives	Carry out multi beam hydrographic surveys, data processing and use of the data in the different

	hydrographic field to share procedures between the Hydrographic Office and industry. Exchange of experiences through workshops and conferences.
Outputs/Products	Knowledge of new technology. Increase the opportunities for exchange of information Improve the relationship among Hydrographic Services and hydrographic industry.
Other deliverables	Exchange of common technical expertise in technics and methodology of multi beam data processing
Achievements and awaited benefits	Carry out multi beam hydrographic surveys, data processing and use of the data in the different hydrographic field to share procedures between the Hydrographic Office and industry
Schedule of activities	Six days approximately
Past and/or current related projects supported by CBSC or other sources	None

RESOURCES

Contribution by countries involved	CIOH (transfers)
Contribution from other sources	None
Contribution requested from CBFund	US\$30,398.00
Total Cost (euros)	E26.911.00
Breakdown of costs	
a) From CBFund (item and amount)	US\$30,398.00
b) From other parties (item and amount)	transfers

PROJECT SUMMARY

Sponsor RHC	Year of Execution	Country/ Countries involved	Priority /Status	Project Name	Project Objective	Benefits	Assistance required	Cost	Allocation and Priority (to be filled by CBSC)	Contact Person
SEPHC	2016	Ecuador Peru Chile Colombia		Workshop on techniques and methodology of multi-beam data processing	Develop a workshop on techniques and methodology of multi-beam data processing	Carry out multi beam hydrographic surveys, data processing and use of the data in the different hydrographic field to share procedures between the Hydrographic Office and industry	Two lecturers	US\$30,398.00	Director CIOH	

Name and Signature of the RHC Chairman