



AUSTRALASIAN HYDROGRAPHIC SURVEYORS CERTIFICATION PANEL (AHSCP)

Chairman – Hydrographer of Australia (Commodore B.K. Brace, RAN)

Members – Martin Castalanelli, Richard Cullen, Neil Hewitt, Mark Matthews, Venessa O'Connell

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see Distribution List

Dear Hydrographic Surveyor,

Approving and Signing Off Surveys by Certified Hydrographic Surveyors

1. The AHSCP is responsible for certifying hydrographic surveyors to Level 1 and Level 2 based on education, experience and practical knowledge from analysis of submitted examples of work. These examples of work demonstrate to the panel that the candidate is practically capable of conducting hydrographic surveys to a competent standard required by industry and that a survey conducted and signed by the certified surveyor can be relied upon to meet the specifications of the job.
2. It has come to the attention of the panel that in some cases surveys have been signed off by Level 1 surveyors that clearly do not meet the specification as stated in the report. Providing overly optimistic assessments of Total Horizontal Uncertainty (THU) and in particular Total Vertical Uncertainty (TVU) when the dataset reflects otherwise is a highly dangerous practice. The surveyor should maintain their conviction to report ethically to their client on both the good and bad components of a survey detailing how issues were resolved and the impact on the survey. In order to fulfil your due diligence with respect to 'knowing' your survey, certified hydrographic surveyors, Level 1 in particular, are reminded of their responsibility when approving and signing off surveys.
3. While it may not be possible for a Level 1 surveyor to be onsite for the entire project it is expected that they should be onsite to supervise critical aspects of the survey, in particular:
 - Mobilisation and Calibration
 - Mid-Way check (subject to duration of survey)
 - Post survey checks
4. Additionally, the certified surveyor must implement a detailed procedure for project surveyors to follow to ensure the quality of data is maintained during the project while the certified surveyor is not directly supervising. This should include the Level 2 / project surveyor providing regular project datasets and reports on proceedings throughout the project period in order to keep the Level 1 informed on all aspects of the project.
5. The final data set must be reviewed by the Level 1 certified surveyor to ensure it complies with the specification set for the survey and that the processing workflow ensures the final data set is fit for purpose. With the increase in shipping and size of vessel transiting our waterways tolerances are getting tighter and the responsibility on the hydrographic surveyor is becoming

greater to provide the client Harbour Master or Marine Operations section with confidence that a survey is of the quality they require. The certified surveyor must use their professional judgement as to whether they are competent **to confidently sign off the survey for which they are responsible. Members are reminded of SSSI Tenets of the Code of Ethics.** *(4. Members shall provide services and advice carefully and diligently only within their areas of competence).*

6. Your cooperation and specific attention in this matter is of significance to our profession and to the services we provide to the maritime community.



COMMODORE B.K. BRACE, RAN

Chairman

Australasian Hydrographic Surveyors Certification Panel

28.July 2016

Copy: Chief Executive Officer, SSSI
Chief Executive Officer, New Zealand Institute of Surveyors

DISTRIBUTION LIST

SSSI/NZIS Members who are currently Certified Professionals in Hydrographic Surveying (as at 4 Aug 2016)

LEVEL 1

Simon ALLEN	Owen FRIEDLIEB	Antonio NUSCO
Edward ANDERBERG	Benjamin GRAY	Venessa O'CONNELL
Nicholas BARDSLEY	Michael GULYAS	Parry OEI
Peter BARR	Andreas GUZEK	Maurice PERWICK
Dean BATTILANA	Tom HANSEN	Peter RAMSAY
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Greg COX	Mark MATTHEWS	Graeme STRINGFELLOW
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Jennifer DAETZ	Scott MILLER	Choo Haw TAN
Craig DAVEY	Richard MORTIMER	Juha TEMISEVA
Antonio Di LIETO	Adam MUCKALT	Nigel TOWNSEND
Richard DUNSTER	John MULLALLY	James VAN DER PAUW
Brendan ELLIOTT	David MUNDY	Geoffrey WALKER
David FIELD	Roderick NAIRN	Aaron WILLCOCK
Daniel FITZHENRY	Daniel NING	Peter WOOLFALL
Michael FITZPATRICK	Heikki NUOTIO	Neill WOOLLEY

LEVEL 2

Andrey BUDNIY	Bryce HACKETT	Murray MCGUIRE
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Bradley COOPER	Stephen HOLTZNAGEL	David MURRELL
Henry COTTON	Paul HOWE	Gregory PEARCE
Colin DAVIDSON	Scott KENNY	Tero PUKEMA
Rhys DAVIES	Daniel KRUIEMEL	Darren STOCKER
Wayne DUNN	Antonio LAMBERTO	Clint THORPE
Danny FINN	Timo LOYTYNOJA	Andrew TSACCOUNIS
Peter FRIZZELL	Domenic MARINO	Phillipe VAN DEN BOSSCHE
David GARFORTH	Seppo MATILAINEN	

Other SSSI/NZIS Hydro Commission Members

Other (non SSSI/NZIS members) currently Certified Professionals in Hydrographic Surveying