

How to achieve marine-continental drilling transects



IODP
INTERNATIONAL OCEAN
DISCOVERY PROGRAM

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INTERNATIONAL
CONTINENTAL SCIENTIFIC
DRILLING PROGRAM



Joint ICDP-SAG IODP-SEP committee on amphibious proposals



Kenneth Miller (IODP SEP), chair

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International Ocean Discovery Program

International Continental Scientific Drilling Program

Guidelines for joint review of “Amphibious Drilling Proposals” (ADP’s)

Version 1 (Jan/Feb 2015) developed by the joint ICDP-SAG IODP-SEP committee

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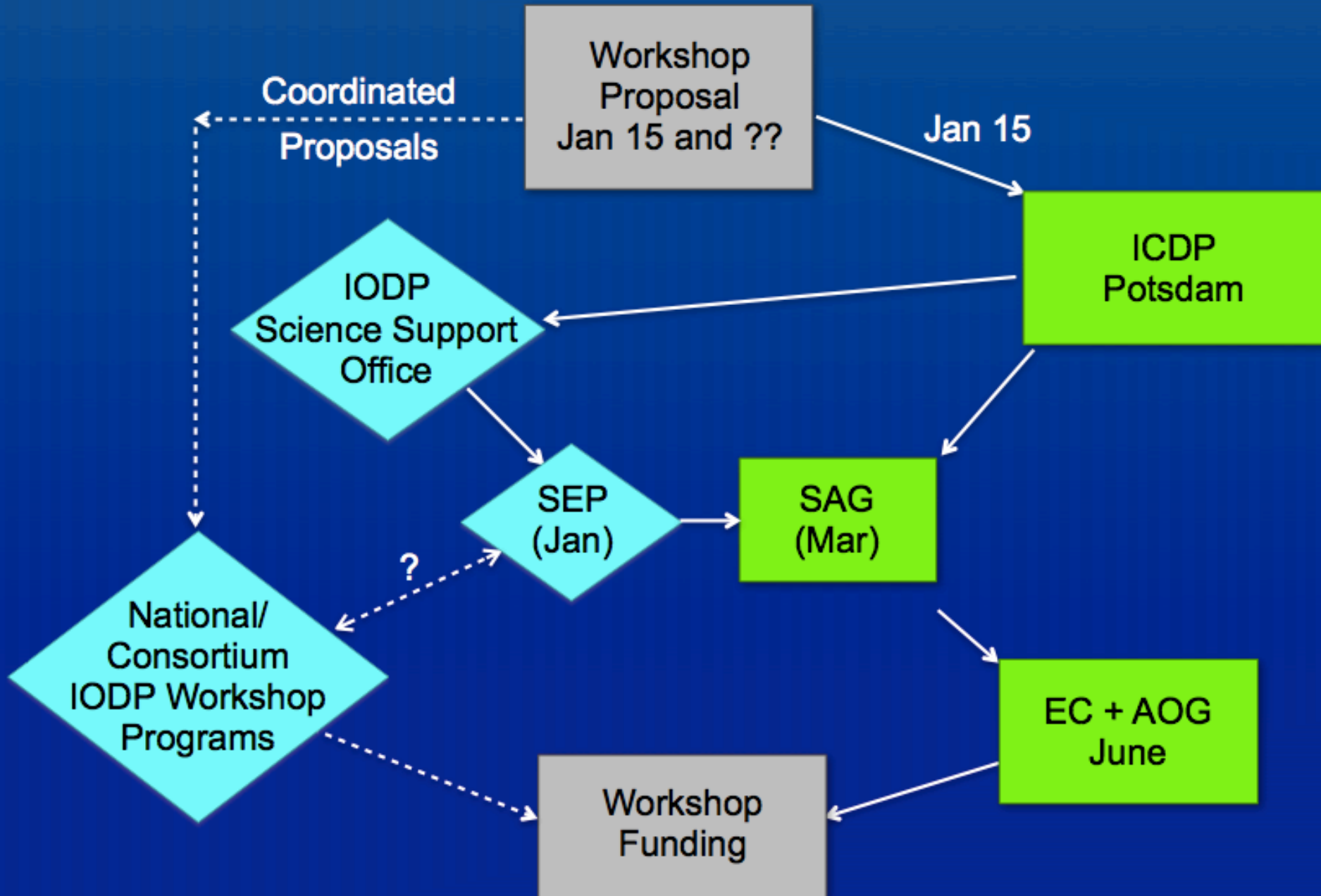
Jochen Erbacher (IODP Forum), and Sean Gulick (IODP SEP)

Version 2 (3 April 2015) modified after review at EFB and March CIB meetings

Definition ADP

- *Amphibious drilling proposals are those for which full achievement of the scientific objectives requires scientific drilling at both onshore and offshore sites.*

IODP-ICDP ADP Development Flow chart: Workshop



ADP Workshop (similar to IODP pre-proposal) aims towards defining scientific objectives, general drilling strategy, and the societal relevance

The proposal should include:

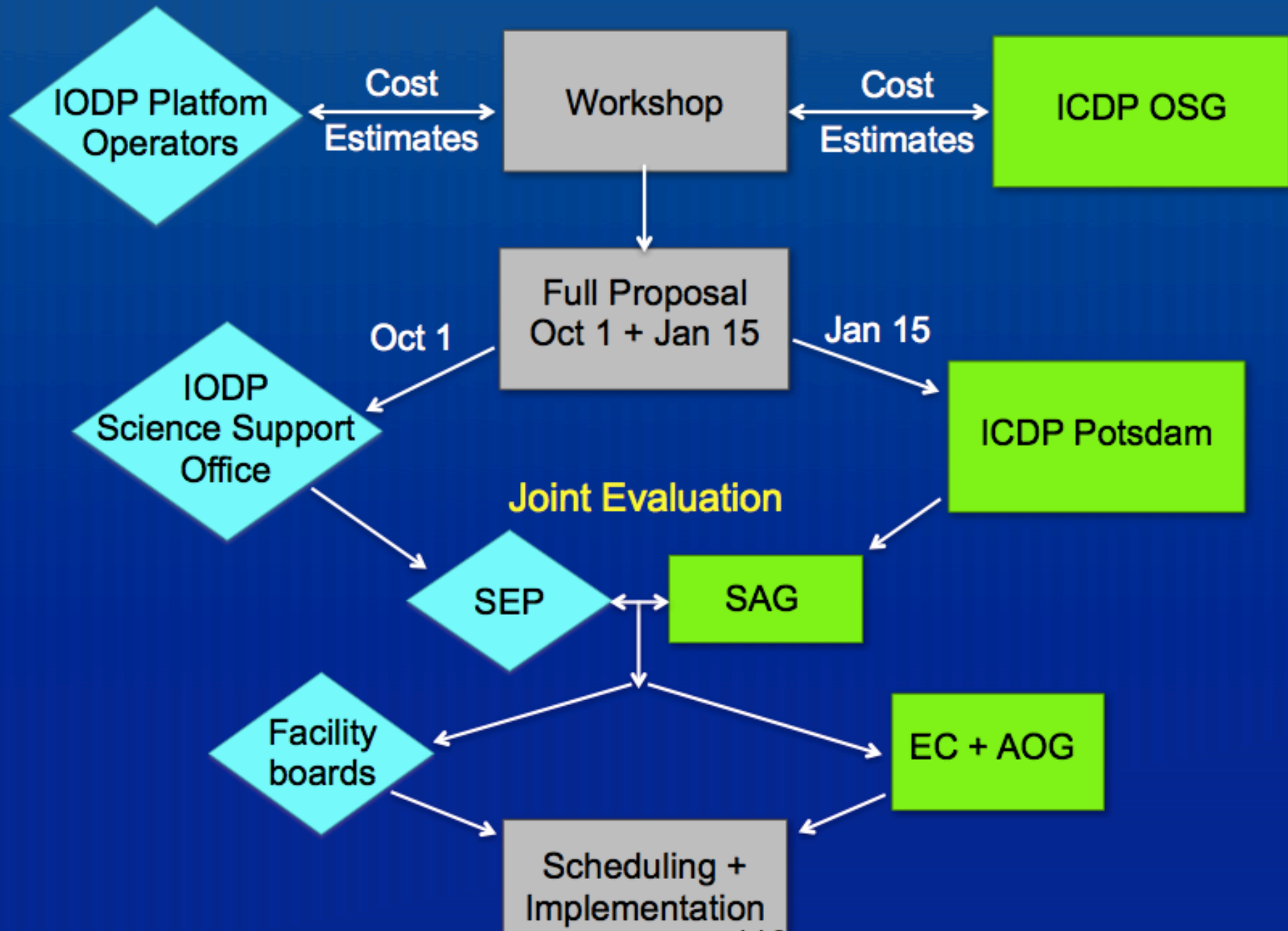
(1) invitation of international experts of the relevant disciplines to provide scientific input to the workshop themes and to foster international collaboration

(2) participation of experts in drilling strategies and technologies

(3) participation of the operators (ICDP for onshore sites and from JRSO, ESO or CEDEX as appropriate for the offshore sites) to provide some idea of feasibility and preliminary cost estimates.

(The participation of young scientists should be especially encouraged)

IODP-ICDP ADP Development Flow chart: Full proposal



ADP Full Proposals: ICDP-IODP differences in proposal format

ICDP: developing the scientific team, ensuring internationality, site survey, cost information all in the body of the proposal

IODP proposals include site survey information in proscribed tables following the proposal and do not include staffing suggestions.

Solution: ICDP proposal components (non-binding science team, international representation, site survey description, and drilling strategy including costing) be included as an appendix to the formal IODP Full ADP submission.

The ADP proposal must include all IODP forms for offshore sites (and possibly onshore sites if recommended by ICDP) and follow IODP protocols for delivery of site survey information

Recommendation for implementation of a drilling ADP proposal once accepted for scheduling by both programs

- (1) joint staffing by ICDP and the relevant IODP Science Operator
- (2) following IODP sample and data policies
- (3) archiving ADP cores at the appropriate IODP repository
- (4) utilizing IODP-TAMU for project publications like other IODP expeditions.

4-member ICDP-IODP working group to formalize ADP implementation policies

Amphibuous drilling: let's go for it

