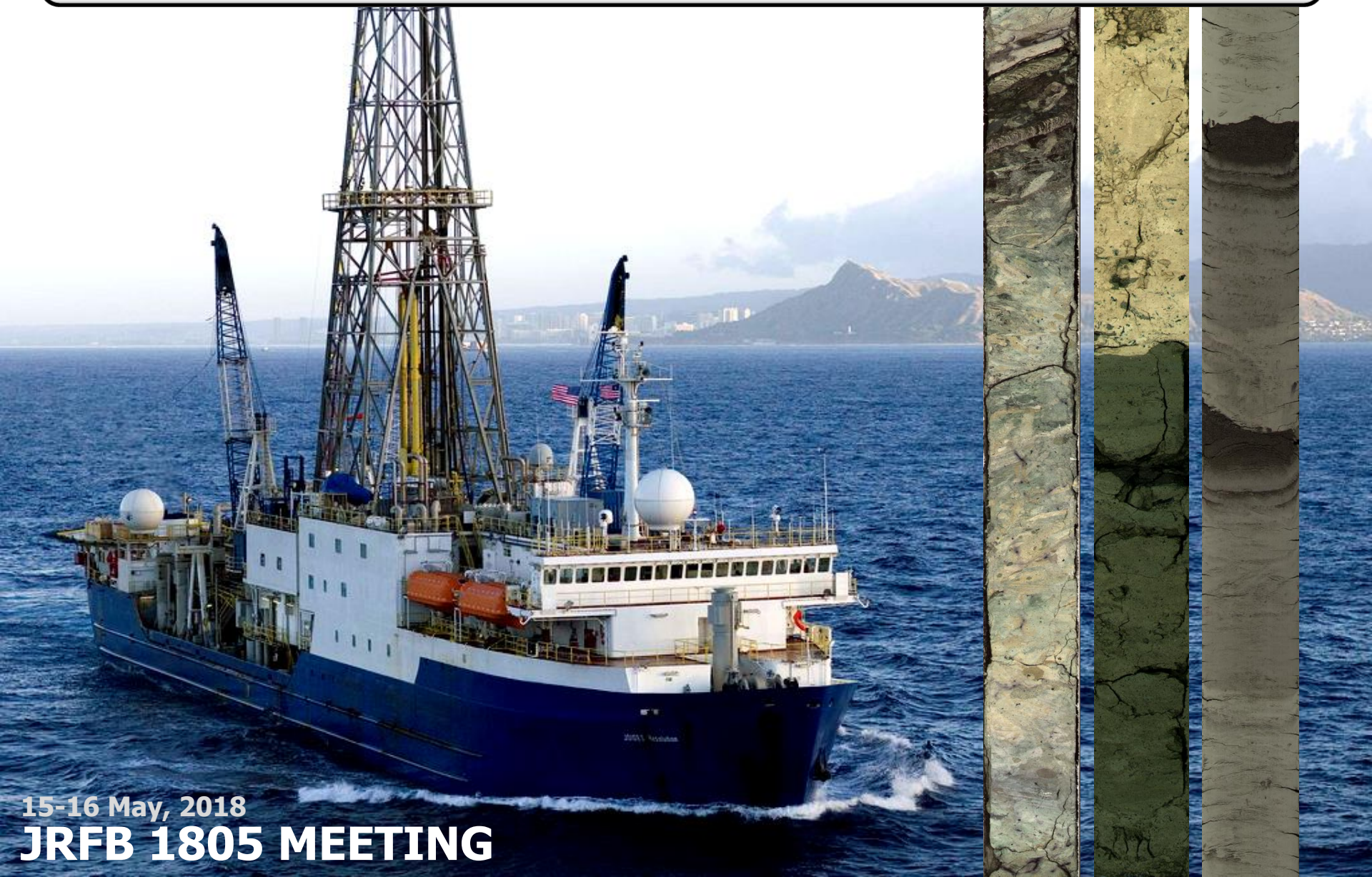


JOIDES Resolution Facility Board



15-16 May, 2018

JRFB 1805 MEETING

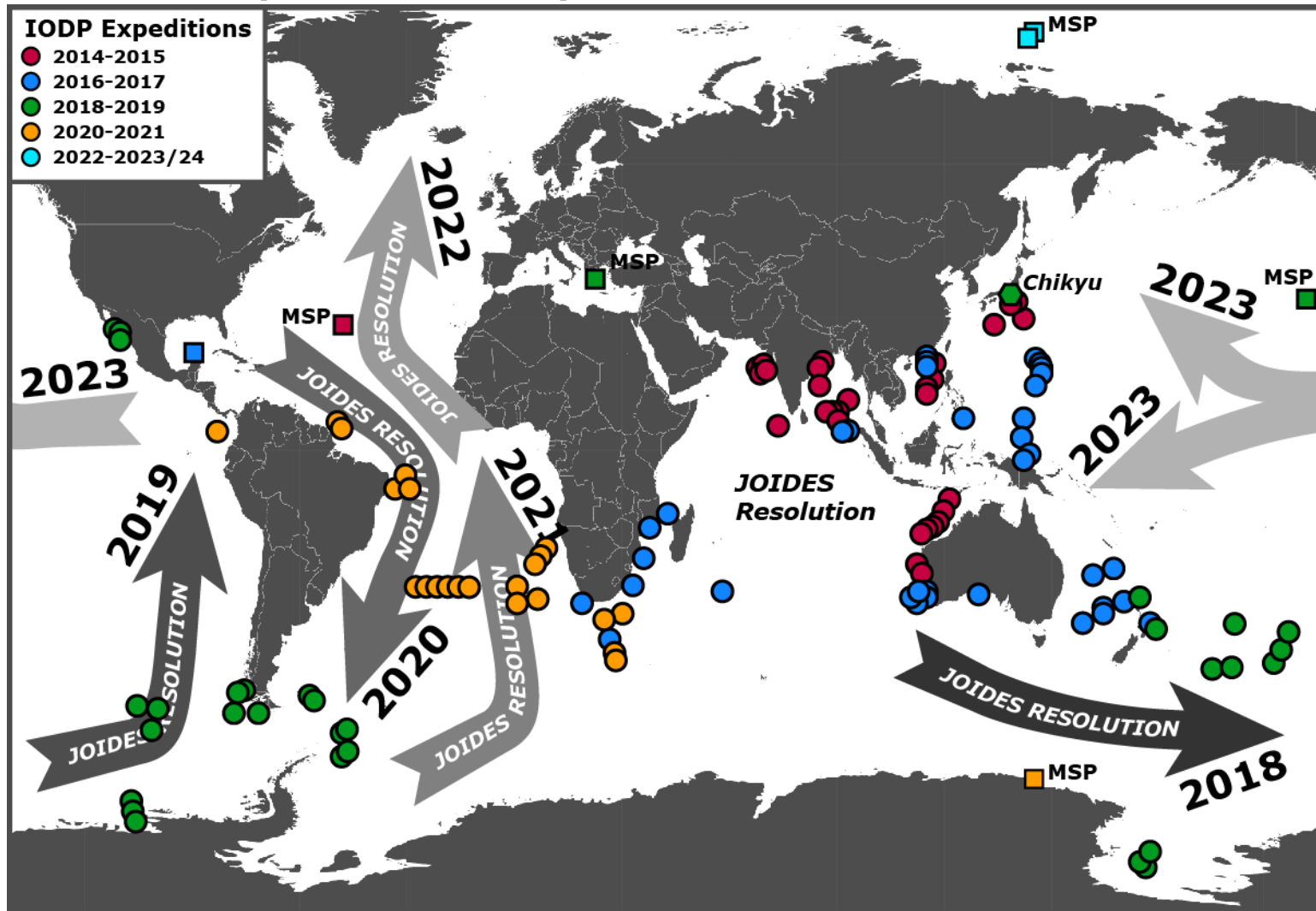
Updated JR Schedule FY'20-21 *

Fiscal Year 1 Oct - 30 Sept	Proposal Expedition	Title
FY'20	P833	Guaymas Basin Activity
First Tie-up FY'20		
FY'20	Engineering / P769-APL	Rescheduled from FY'19 to FY'20 to allow extra preparation time for various engineering tests and the Costa Rica Crustal Architecture 769-APL will be carried out (no full science party required)
FY'20	P859	Amazon Margin
FY'20	P864	Equatorial Atlantic Gateway
First Tie-up FY'21		
FY'21	P853	South Atlantic Transect, Expedition #1
FY'21	P890	Walvis Ridge Hotspot
FY'21	P834	Agulhas Plateau
FY'21	P853	South Atlantic Transect, Expedition #2

* Subject to funding being available for ship operations in FY'20-21

Long-Term JR Cruise Track

UPDATED MAP (CALENDAR YEARS) FOLLOWING JRFB MEETING OF MAY 2018



JRFB 1805 Consensus Statement 5

The JRFB recommends the rescheduling of Expedition 384 (Engineering Testing) to FY'20, following Expedition 385 (Guaymas Basin) and a tie-up period. This will be followed by Full Proposal 859 (Amazon Margin), Full Proposal 864 (Equatorial Atlantic Gateway) and a second tie-up period. Furthermore, the JRFB recommends the scheduling of the first expedition for Full Proposal 853 (South Atlantic Transect) in the beginning of FY'21, followed by Full Proposal 890 (Walvis Ridge Hotspot), Full Proposal 834 (Agulhas Plateau) and the second expedition for Full Proposal 853 (South Atlantic Transect). The expectation of the JRFB is that there will be in total 8 months of operations in FY'21.

JRFB 1805 Consensus Statement 6

The JRFB recommends the following engineering tests to be carried out during Expedition 384 by the JRSO in order of priority:

- (1) New drilling bits for improved advancement, opening and remediation of drill holes in hard rock formations.
- (2) New underreamers for opening up holes in hard rock formations.
- (3) New coring bits for coring in hard rock formations.
- (4) New biodegradable drilling fluid additives for improved hole cleaning.
- (5) New bottom-driven XCB based on current Chikyu XCB designs.
- (6) Continued testing of the Turbine Driven Coring System (TDCS) depending on the outcome of first tests during Expedition 376 and discussions with CDEX.
- (7) MDHDS testing in conjunction with the T2P system.

JRFB 1805 Consensus Statement 7

Based on the long-term regional track of the JOIDES Resolution from 2021 until 2023/24, the JRFB is encouraging the IODP science community to submit proposals for drilling projects in the North Atlantic, Arctic Ocean and the North Pacific.

JRFB 1805 Consensus Statement 8

The JRFB reaffirms that, based on current and anticipated proposal pressure, the JOIDES Resolution will start to operate in the general area of the Equatorial and North Atlantic, Gulf of Mexico, Mediterranean, Caribbean and the Arctic in FY'21 and through FY'22. Furthermore, the JRFB expects that the JOIDES Resolution will complete its global circumnavigation in the Indo-Pacific region in FY'23.

JRFB 1805 Consensus Statement 9

The JRFB in exceptional circumstances on a case-by-case basis will consider to keep unimplemented sites on the board for potential completion at a later date during the IODP 2013-2023 program. The JRFB has decided to keep Expedition 374 Sites U1524 and RSCR-19A and Expedition 368 Site U1503 on the board.

JRFB 1805 Consensus Statement 10

The US Coast Guard has informed the JRSO and ship owner ODL/SIEM that the JOIDES Resolution needs to fulfill all requirements of the Mobile Offshore Drilling Unit (MODU) 1989 Standard in order to receive permitting for Expedition 386 in the US EEZ of the Gulf of Mexico. Given the high costs and insufficient available time for the large number of upgrades required, the JRFB cancels Expedition 386 and removes it from the JOIDES Resolution schedule. However, the JRFB will forward proposal 887-CPP2 and 887-ADD2 to the ECORD Facility Board (EFB) for consideration of the potential implementation of this drilling project as a Mission Specific Platform (MSP). The JRFB highlights the fact that implementation of this drilling proposal addresses Challenge 13 in the IODP 2013-2023 Science Plan.