

IODP Council Meeting, Washington D. C.

17 June 2009, 9:00 am – 12:00 pm

Attendees:

Masa Hori, MEXT, Chair
Rodey Batiza, NSF, Co-Chair
Chris Franklin, ECORD
Catherine Mevel, EMA
Chris Yeats, ARC
Se Wong Chang, KIGAM
Fernando Barriga, ECORD
Jose Ramon Sanchez Quintana, ECORD
Guido Luniger, ECORD
Mireille Perrin, ECORD
Jamie Allan, NSF
Deborah Smith, NSF
Toshi Oshima, NSF/MEXT
Takashi Nakagawa, NSF/MEXT
Takao Kato, IODP-MI
Toshi Chiba, JAMSTEC/DC Office
Shinji Hida, JAMSTEC
Asahiko Taira, JAMSTEC
Dan Evans, ESO
David Divins, COL

1. Opening remarks and introductions around the table

2. Approval of minutes and agenda

The minutes from the IODP Council Meeting in Lisbon were approved. The agenda for this meeting was approved.

3. Update on IODP finances

J. Allan showed a table with contributions from members. This table is included at the back of the minutes.

4. Update on ship operations

R. Batiza spoke about the JOIDES Resolution

D. Evans – made a power point presentation on the MSPs. It is included at the end of the minutes.

M. Hori – made a power point presentation on the Chikyu. It is included at the end of the minutes

5. Triennium review

J. Allan made a presentation on the Triennium review. He also asked for input on the process from the members. He will send an email out to remind people to send him comments. His presentation is included at the end of the minutes.

6. Update on IODP-MI

T. Kato – made a powerpoint presentation on the Office plans, scope, etc. It is included at the end of the minutes.

7. Preparation for the IWG+ meeting

There was discussion about the IWG+ meeting that would take place the next day.....

8. Other business

There was no other business

9. Action Items/Next Meeting

Action Item 1. J. Allan will send out a reminder to the IODP Council members that they should comment on the next Triennium review process.

Action Item 2. Think about IWG+ process and new program.

The next meeting will be held in conjunction with the SASEC and IWG+ meeting in January 2010. It is tentatively set to be held in Korea.

10. Adjourn

IODP FUNDING

Final Approved Program Plan Budgets in \$M

	2004	2005	2006	2007	2008	2009
Program Plan	37.9	73.2	39.0	36.7	148.6	210.8
Carryforward		0.5	1.3	1.9	1.9	1.6
Cumulative Total (b)	37.9	110.6	148.3	183.1	329.8	539.0
LEAD AGENCIES	26.1	60.2	28.6	25.6	127.6	168.2
Cumulative Total	26.1	86.2	114.8	140.4	268.0	436.3
% Total Program	69%	77%	78%	77%	81%	81%
ECORD	10.3	11.5	7.8	7.9	16.2(a)	36.7
Cumulative Total	10.3	21.8	29.6	37.5	53.7	90.4
% Total Program	27%	20%	20%	20%	16%	17%
China	1.5	1.0	1.0	1.0	1.0	1.0
Cumulative Total	1.5	2.5	3.5	4.5	5.5	6.5
% Total Program	4%	3%	2%	2%	2%	1%
Korea			0.3	0.3	0.6	0.7
Cumulative Total			0.3	0.6	1.2	1.9
% Total Program			0.2%	0.3%	0.4%	0.4%
Aus/NZ Consortium					1.3	1.7
Cumulative Total					1.3	3.0
% Total Program					0.4%	0.6%
India						0.9
Cumulative Total						0.9
% Total Program						0.2%

a) ECORD SOC contribution for FY08 reduced \$1M

b) SOC Carryforward removed from total funding

c) FY08 USIO Ops SOC funds removed (\$9.0M)

d) ICDP contributed \$0.5M to New Jersey Margin Operations



IODP Day

17th June 2009, Washington DC

ESO Report

Dan Evans

ECORD Science Operator - Science Manager



New Jersey Shallow Shelf Expedition

- Contract signed with DOSECC on 21st January
- The L/B *Kayd* left Louisiana in early April
- Arrived Atlantic City 22nd April ahead of schedule
- Left Atlantic City on 30th April
- Reached site MAT-1A on 1st May
- Ends c. 18th July
- Onshore Science Party at
Bremen starting
6th November





NJSS outreach

- Media Conference in Trump Marina Hotel
- NJN (New Jersey News)
- NBC Channel 40 (broadcast on 6pm news)
- Atlantic City Press (front page on 2 consecutive days)
- Scientific American – web site
- Philadelphia Inquirer/ New York Times
- IODP film crew took 6 hours of film on board Kayd (promotional DVDs/YouTube etc).
- Daily log on ESO website
- Expedition leaflet





Media Conference

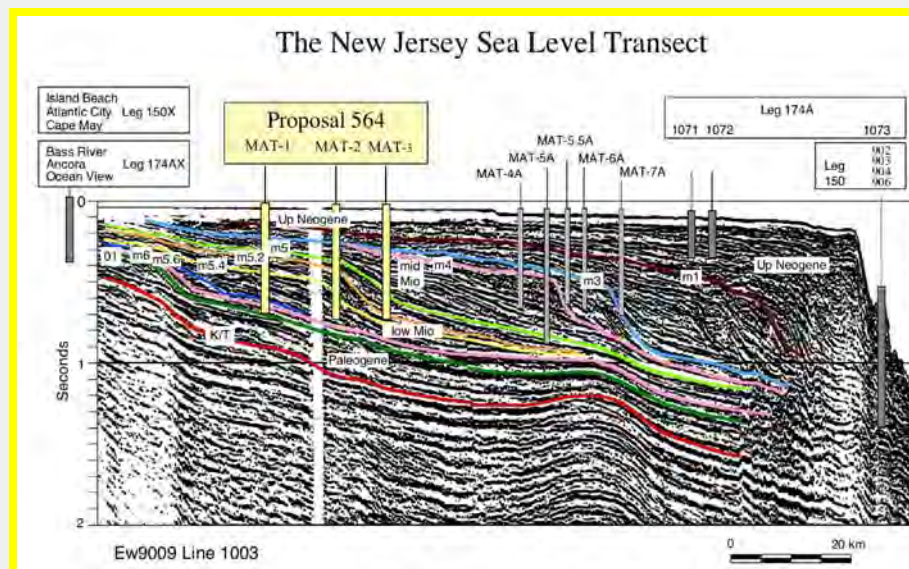
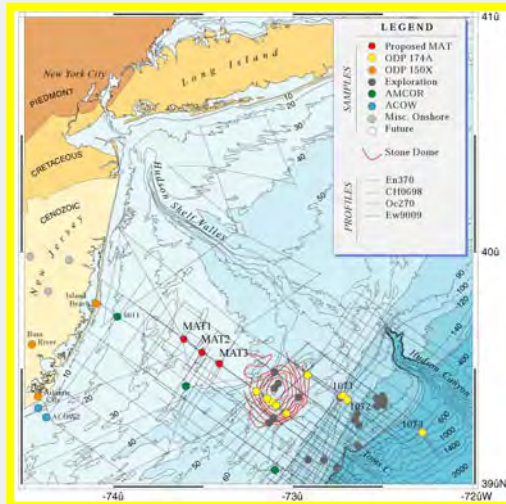






NJSS objectives

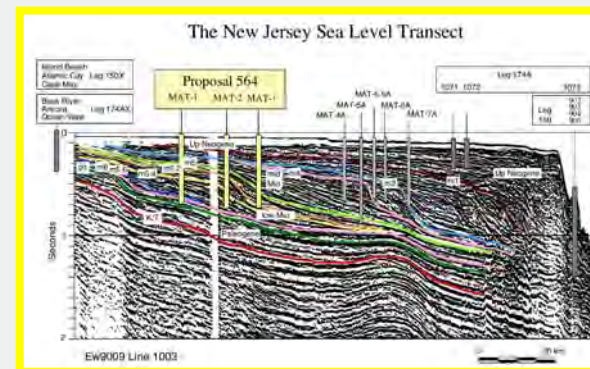
- Core and log three sites
- Maximum depth 750 mbsf
- Drilling has, as expected, proved to be very challenging





NJSS progress, MAT-1

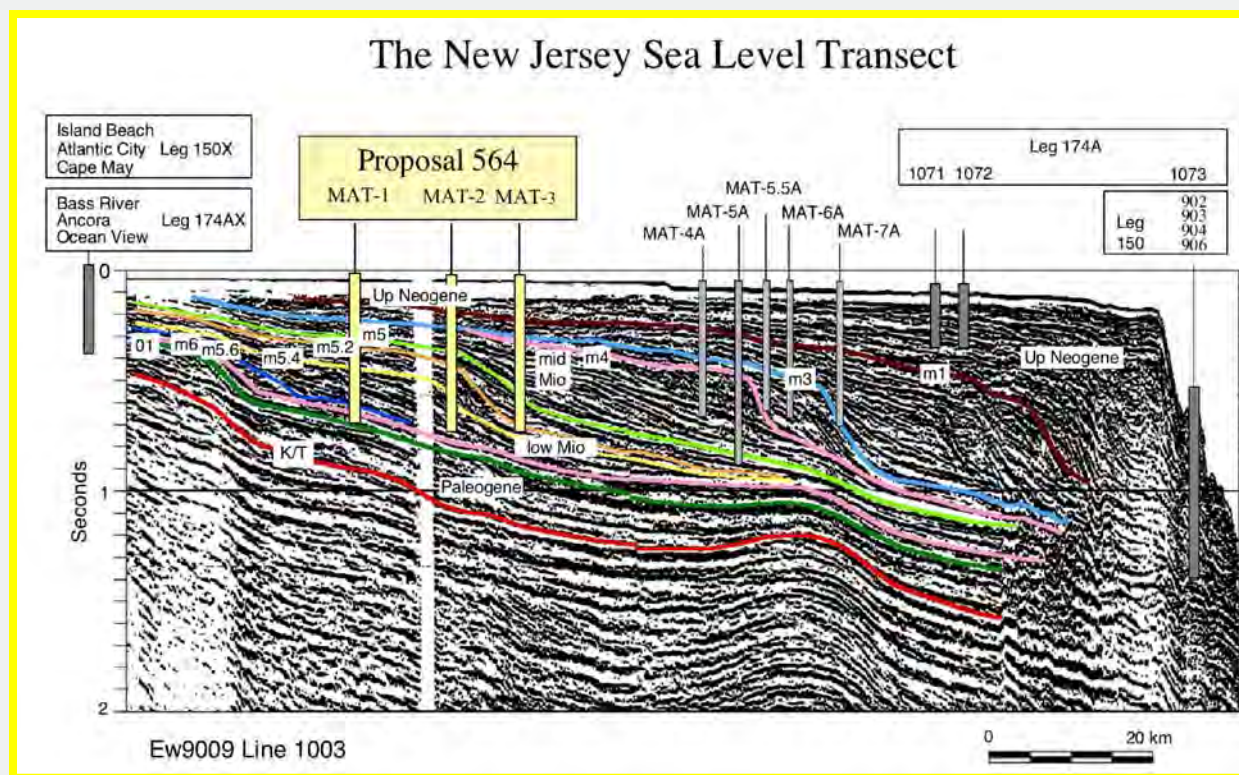
- Hole MAT-1A ended at 631 MBSF
 - Reached ~20m above Priabonian
 - Crossed Eocene/Oligocene boundary
 - ?Chesapeake Bay meteorite impact tektonite
- Logged complete Total Gamma-Ray
 - Magnetic Susceptibility and Resistivity from 430-631 (results 'very good')





NJSS progress, MAT-2

- Hole MAT-2 ended at 674 mbsf
- Penetrated lowermost Miocene sequence M6.
- Logging currently in progress

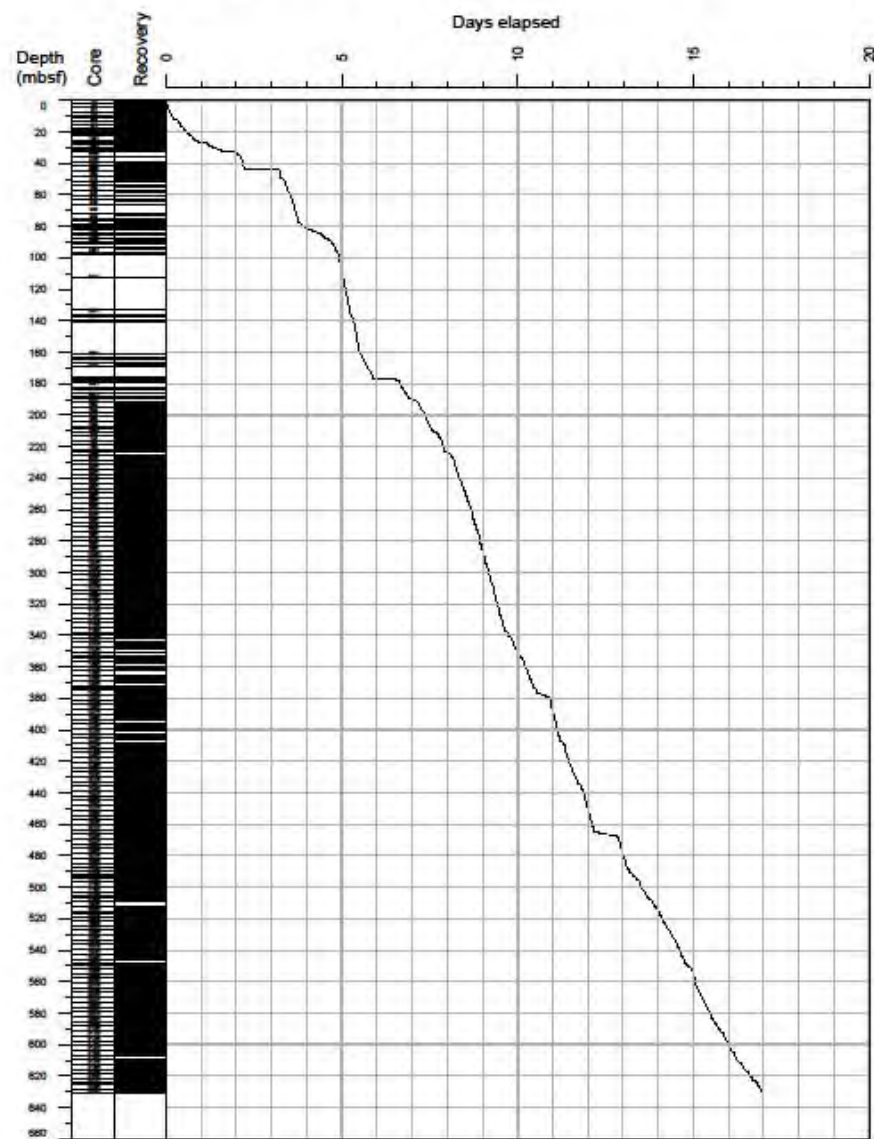




IODP Expedition 313

Hole M0027A progress summary

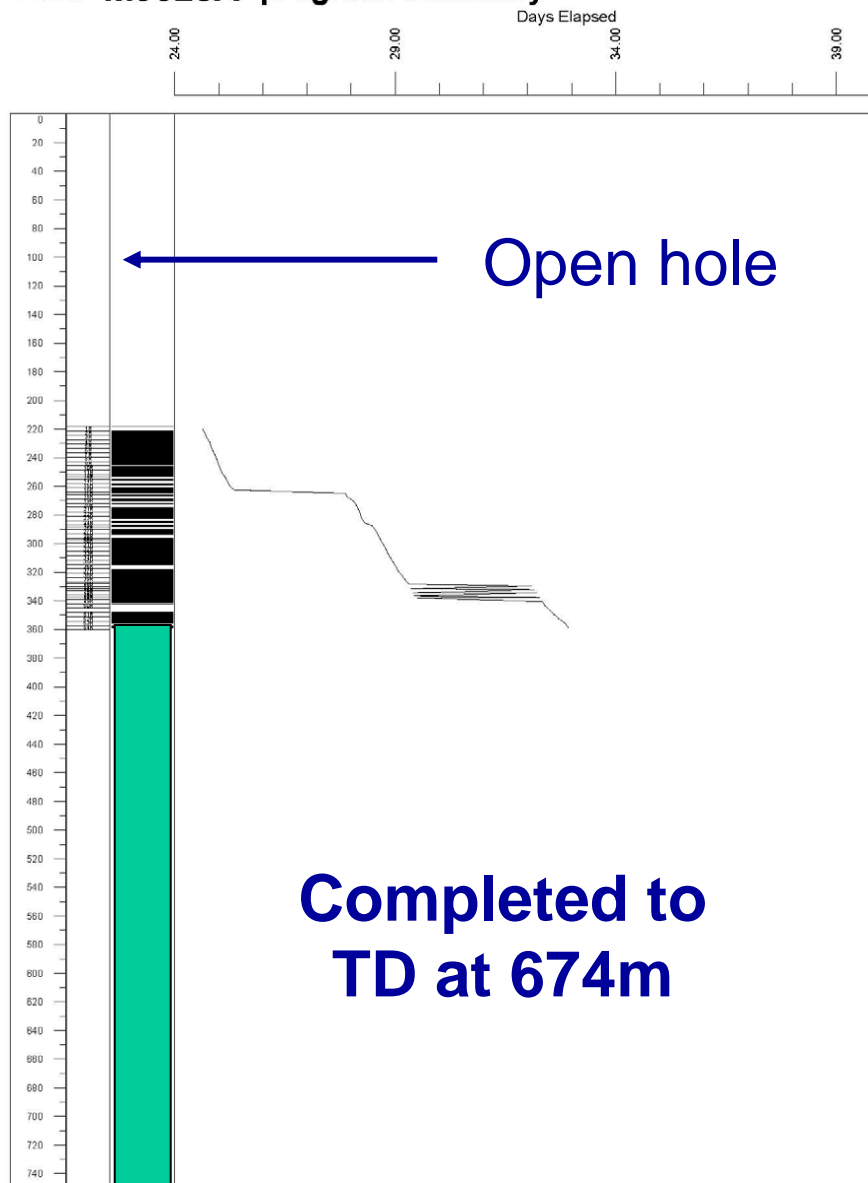
Latitude: 39° 38.04806 N
Longitude: 73° 37.30146' W
Water depth: 33.5 m





IODP Expedition 313 Hole M0028A progress summary

Latitude: 39° 33.94279' N
Longitude: 73° 29.83481' W
Water depth: 35.1 m





Hole summary to date

Hole	M0027A	M0028A	Total
First core	02 May	26 May	
Last core	18 May	16 June	
Final depth	631 m	674 m	1305 m
Cores recovered	224 cores	170 cores	394 cores
Drilled length	555 m	477 m	1032 m
Recovered length	472 m	385 m	857 m
Core recovery	85 %	81 %	83 %
Actual recovery	75 %	61 %	67 %





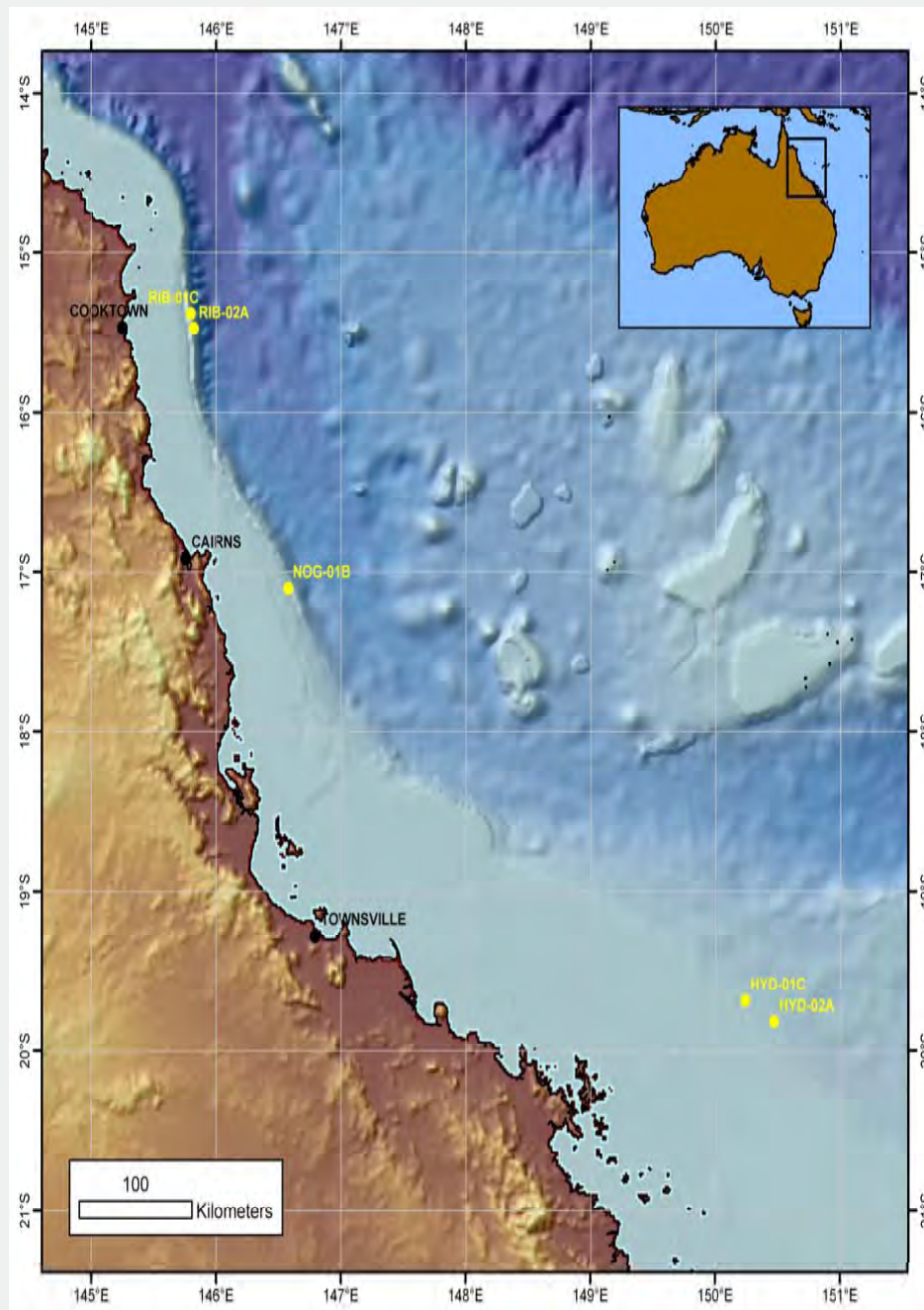


Great Barrier Reef Environmental Changes Expedition

- Contract signed on 11th May
- Platform provider is 'Bluestone' based in Singapore
- The vessel *Bluestone Topaz* will be mobilised in Singapore/Townsville in early October 2009
- ESO and Science Party join at final mobilisation in Townsville in later October
- 45 day expedition between late October and early December
- Demobilise in Townsville



5 transects

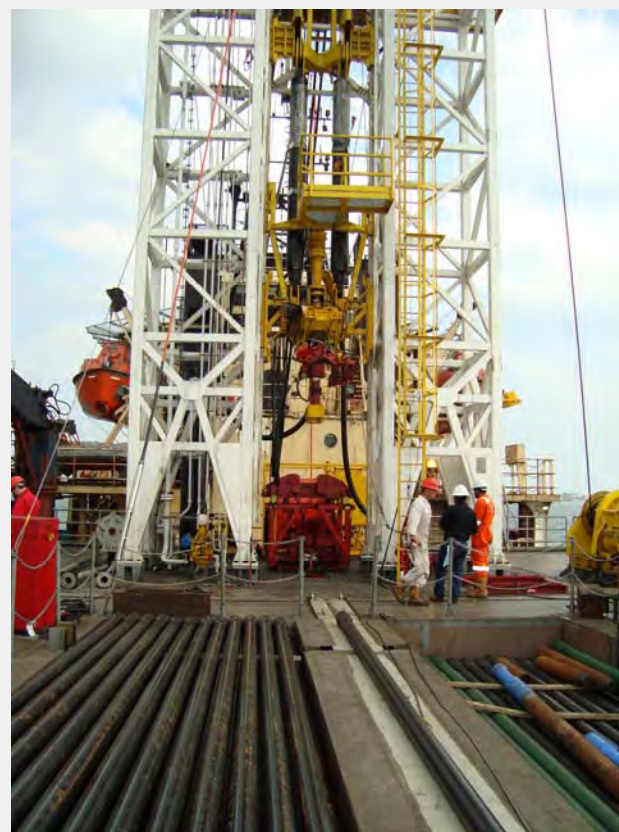






GBREC

- **Science Party now complete (except 1 Japanese Coral Specialist)**
- **Onshore Science Party
Bremen 16th April 2010**



MEXT REPORT

Update on ship operations

Masahiko Hori

**Director for Deep Sea Research Ocean and Earth Division, Research and Development Bureau,
Ministry of Education, Culture, Sports, Science and Technology (MEXT)**



Jun. 17, 2009



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Deep-sea Drilling Vessel *Chikyu*



Principle Particulars

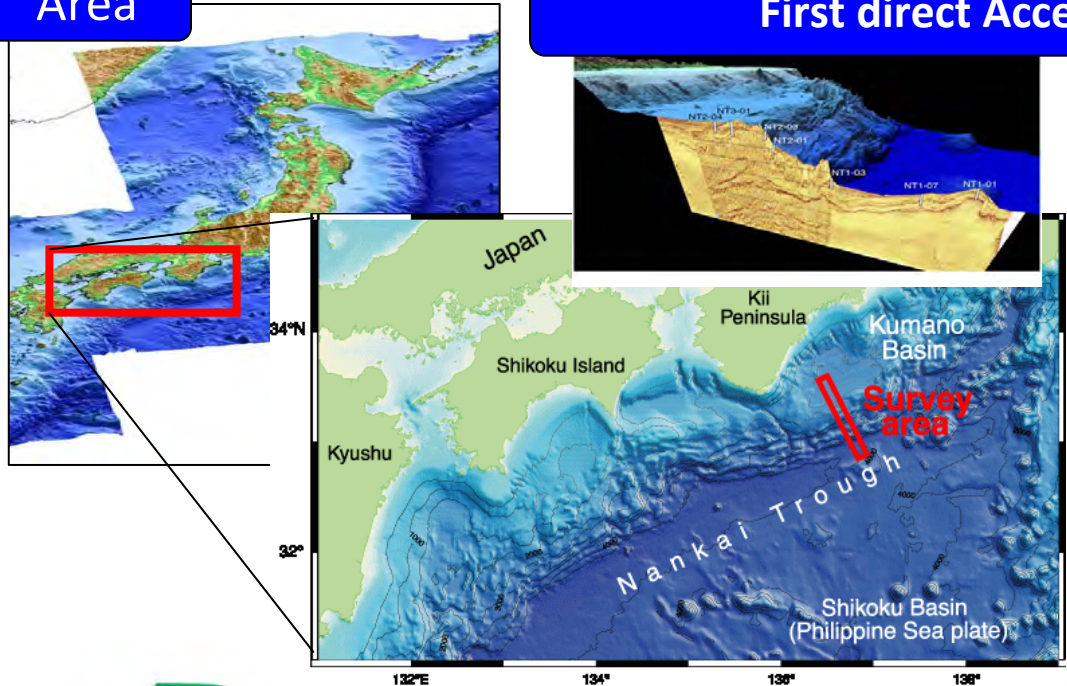
Length overall	210.0m
Breadth	38.0m
Depth	16.2 m
Height	130.0m
Draft	9.2 m
Gross Tonnage	57087 ton
Accommodation	150 people
Transit Speed	11.5knots

Drilling Capacity

Max. Water Depth	2,500 m
	(future plan 4,000 m)
Drill String Length	10,000 m
	(future plan 12,000 m)
Sub Sea System	
21 inch riser	2,500 m
	(future plan 4,000 m)
Blow-out Preventer (BOP)	

Nankai Trough Seismogenic Zone Experiment

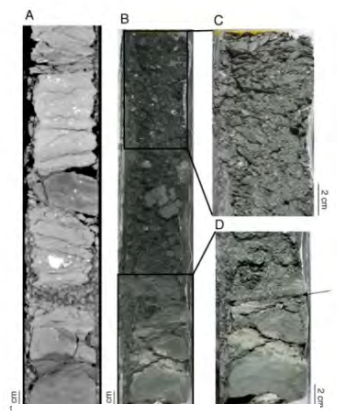
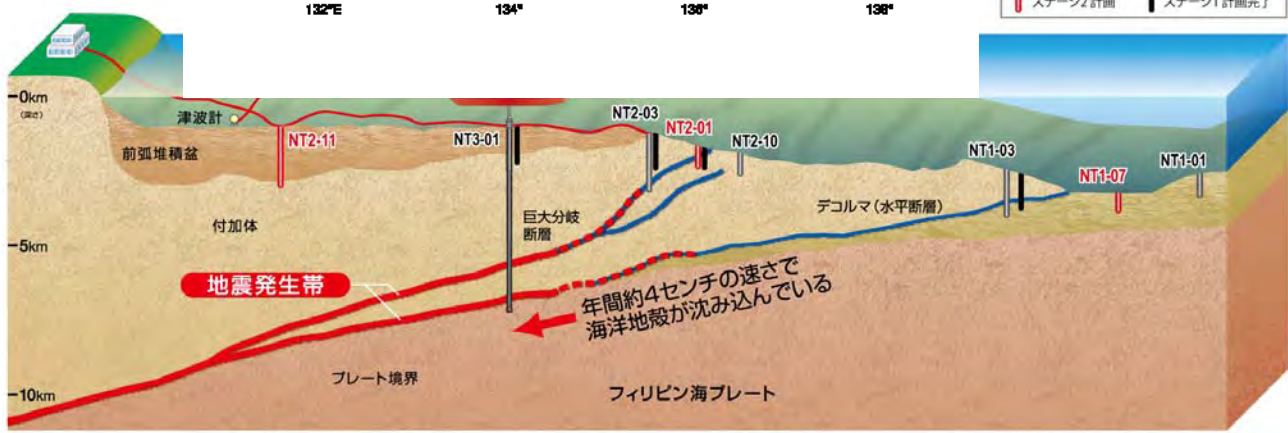
Area



First direct Access to the Megathrust Earthquake Zone

Scientific Objectives

The Nankai Trough Seismogenic Zone Experiment (NanTroSEIZE) attempts for the first time to drill, sample, and instrument the earthquake-causing, or seismogenic portion of Earth's crust, where violent, large-scale earthquakes have occurred repeatedly throughout history.



Core sample from plate boundary

FY09 Chikyu's Expedition Schedule

- Exp. 319 (Riser/Riserless Observatory-1)

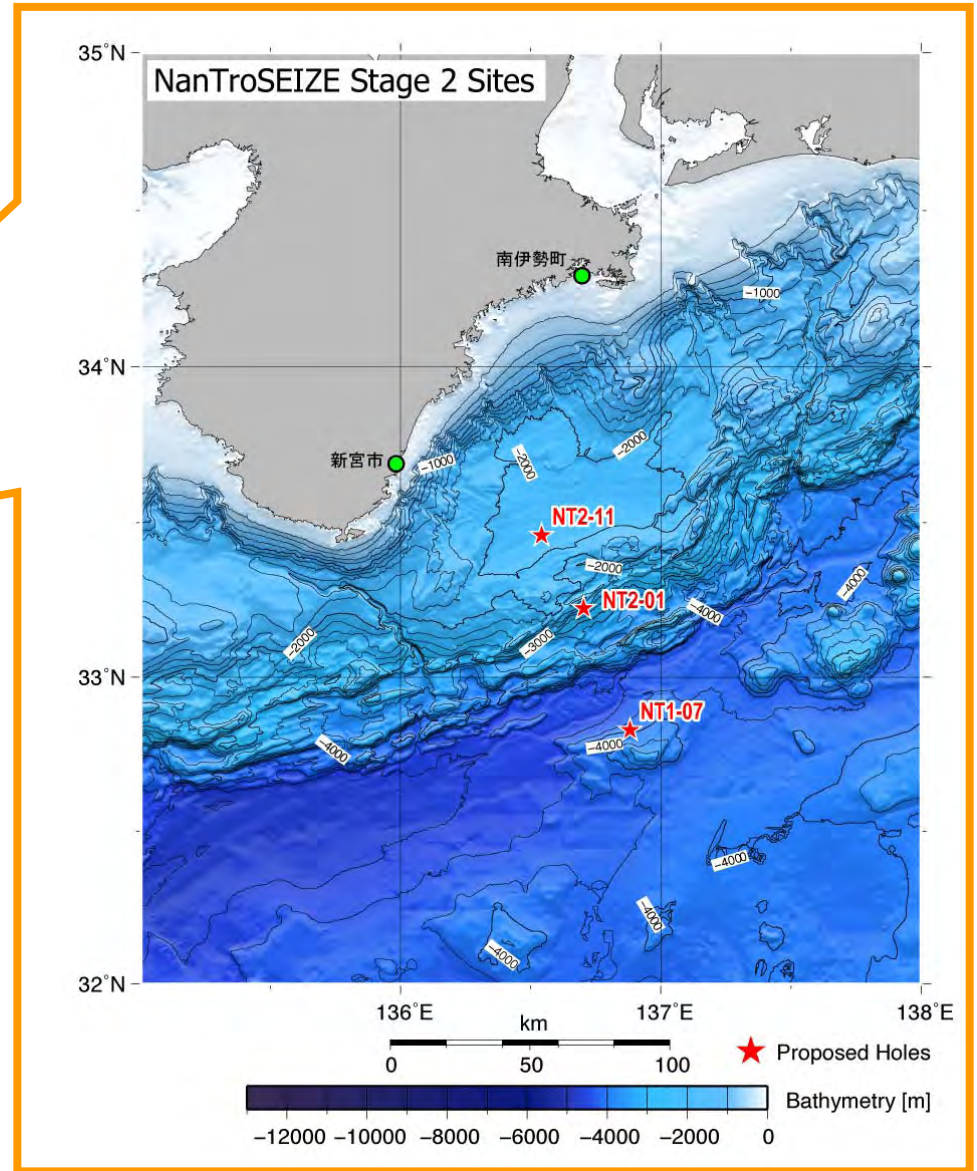
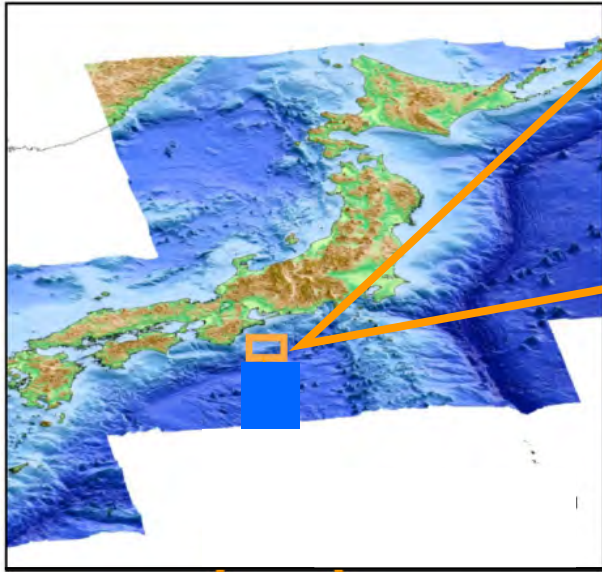
May – Aug.

- The first riser drilling in IODP
- Make an observatory hole which will monitor “locked zone” from just above

- Exp. 322 (Subduction Input) *Sep – Oct.*

- Input material characterization of seismogenesis materials

Drilling Site



Outreach Event during Port Call @Kobe



Open day on Feb 15th Sunday

9,312 (!) people visited the
Chikyu

@Port of Kobe



See you on Chikyu!



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Lead Agency Second Triennium Review Update

Triennium Reviews

- External review of IODP-MI contractual activities mandated by NSF contract to occur every 3 years
 - Supported by IODP-MI as a contract expense, with guidance by NSF consulting with MEXT
- First Review focused on functionality of IODP-MI as the IODP Central Management Office
 - Consolidation of IODP-MI offices partially a response to Review findings

Second Triennium Review

- Request outlined in FY10 Budget Guidance to IODP-MI given by IODP Principal Officials
 - Should occur in “early” FY10
 - Should focus on effectiveness of IODP science planning process
 - Should examine SAS functionality, and relationships between SAS, IODP-MI, and IO’s
 - Should help focus discussion for post-2013 planning
- Direct contract guidance will be given by NSF, consulting with MEXT
 - Should use SASEC review of SAS as a resource, but is an independent, external review



IODP-MI Activity Update

IODP Council Meeting, June 17, 2009



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Current Expeditions

*All three IODP platforms operating;
Nine scheduled expeditions*

- New Jersey Shallow Shelf Expedition Underway
- NanTroSEIZE Resumes Operations
- JOIDES Resolution Rejoins IODP Operations following modernization
- PEAT I completed; PEAT 2 underway
- ESO Contracts GBREC Platform



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*Chikyū,
preparing
for riser drilling*



*JOIDES Resolution
embarking on Exp.
320*

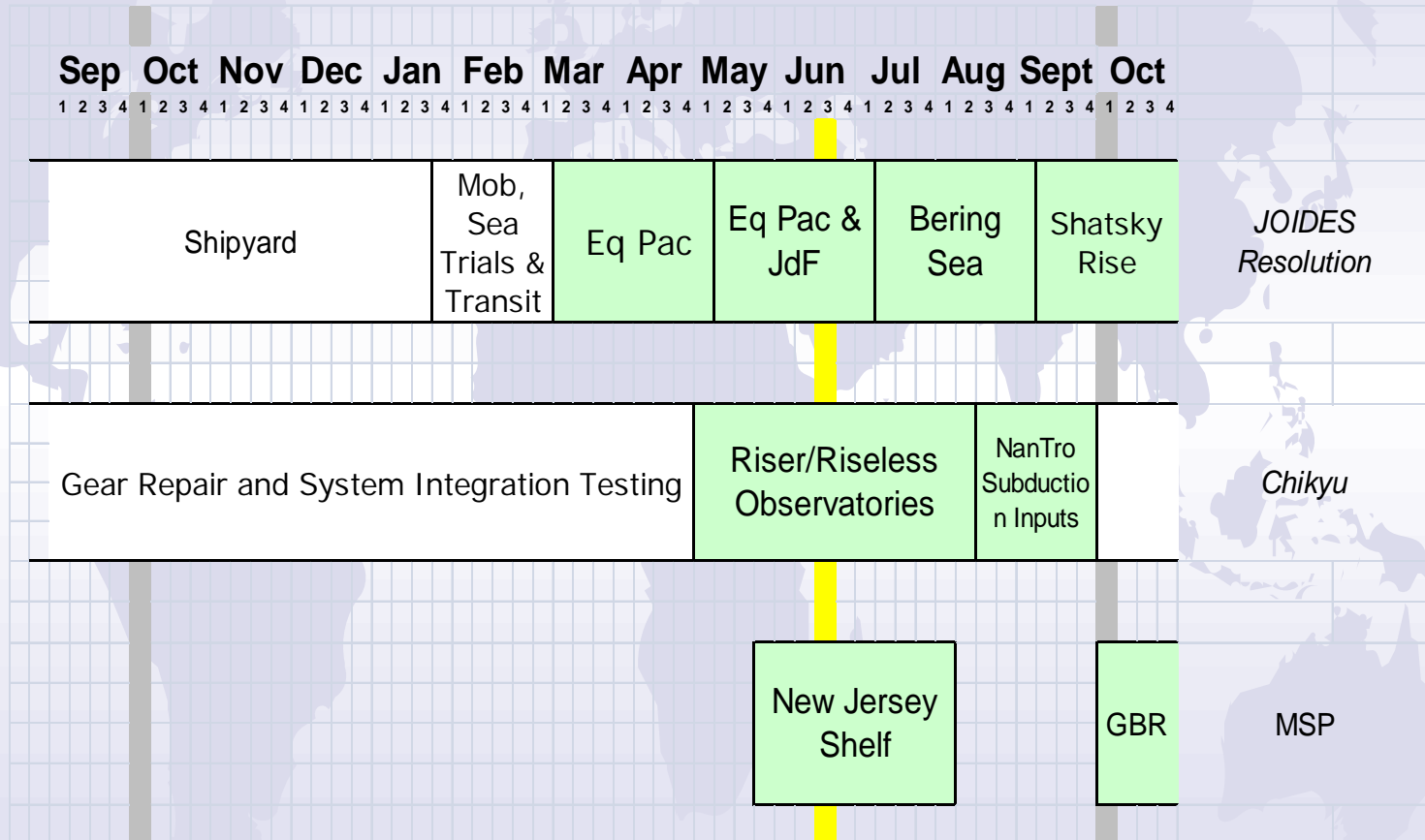


*Kayd completing the
drilling off New Jersey*



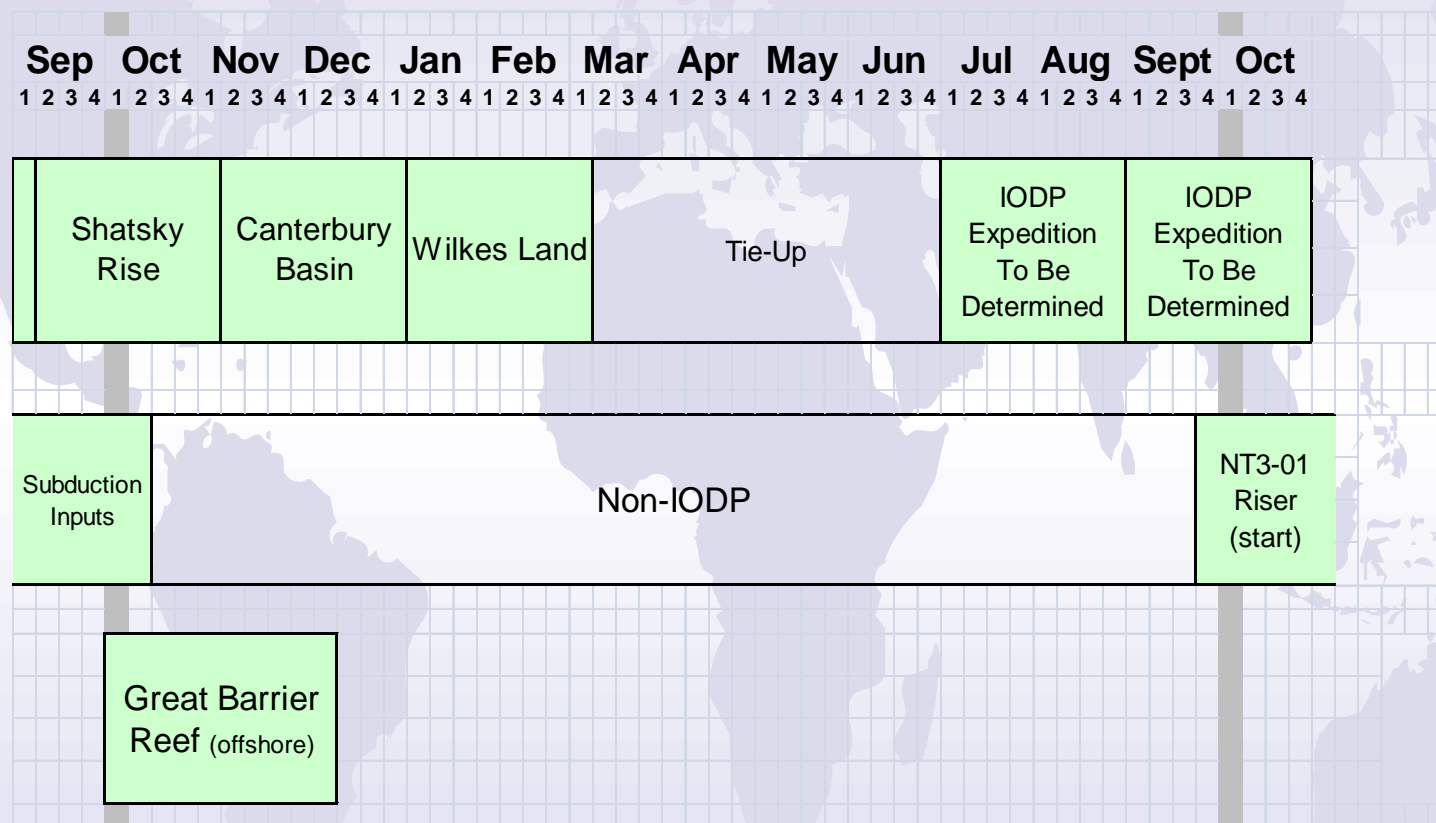
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FY2009 Expedition plan (FY09APP)



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FY2010 Expedition Plan (FY10 APP draft)



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IODP-MI Developments

- BoG announces selection (2/09) for President/CEO: Kiyoshi Suyehiro.
- Inaugural president completes his tenure, M. Talwani departs May 15, 2009.
- Dr. Suyehiro joins staff in DC office May 1, starts his Presidency from May 16, 2009
- Consolidation of IODP-MI offices into one office is now being considered



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FY2010 APP draft budget

Summary SOC and POC Budgets							
	IODP-MI	IODP-MI Operators & Subcontractors					Total
		USIO	CDEX	ESO	Bremen	SIO	
SOCs	5,172,476	12,838,117	7,557,390	2,984,200	338,792	270,000	\$29,160,975
POCs	0	50,695,666	38,476,429	1,743,000	0	0	\$90,915,095
Total	\$5,172,476	\$63,533,783	\$46,033,819	\$4,727,200	\$338,792	\$270,000	\$120,076,070

Budget Summary (SOC)							
Description	IODP-MI	USIO	CDEX	ESO	Bremen	SIO	Total
Management and Administration	2,481,435	1,034,656	501,633	732,100	-	-	\$ 4,749,824
Technical, Engineering and Science Support	-	7,284,032	4,945,313	1,601,700	-	-	\$ 13,831,045
Engineering Development	1,372,122	-	165,642	-	-	-	\$ 1,537,764
Core Curation	-	575,826	711,971	60,900	338,792	-	\$ 1,687,489
Data Management	565,939	2,348,110	942,652	442,900	-	270,000	\$ 4,569,601
Publications	166,885	1,549,933	-	-	-	-	\$ 1,716,818
Outreach	586,095	45,560	290,179	146,600	-	-	\$ 1,068,434
Total	\$ 5,172,476	\$ 12,838,117	\$ 7,557,390	\$ 2,984,200	\$ 338,792	\$ 270,000	\$ 29,160,975

USIO SOC Operations directly funded to USIO by NSF 8,877,011

ESO SOC travel directly funded to ESO by EMA 445,200

** IODP-MI budget does NOT include one time costs for office consolidation/relocation*



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Some Topics Underway

- INVEST planning well underway; registration open www.marum.de/en/iodp-invest.html
- www.iodp.org undergoing technical upgrade and design refresh
- Expedition outreach routinely reaping attention from elite media: BBC, Scientific American, NBC-TV



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Recent Exposure to the Community/Public

- News conference launched New Jersey Shallow Shelf, Atlantic City: VIP tour, major media attendance (print and video)
- Port call to showcase the *JR* in Honolulu: funding agencies attended, local impact.
- BBC reported live from the CHIKYU daily during the last week of May: see online, radio, and TV coverage links:

www.iodp.org/recently-in-the-news



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