

Sea Area Monitoring

March 25 , 2014

Nuclear Regulation Authority (NRA), Japan

Sea area within 2km radius from the NPS

Fukushima Daiichi-NPS

Sampling point	Sampling Date	Cs-134	Cs-137	total β	H-3	Sr-90	total α	Pu-238	Pu-239+Pu-240
Sea water radioactivity (Bq/L):									
ND: under detection limits; Numbers in parentheses: detection limits									
Total β : including K-40									
T-1	2014/3/10	ND(0.78)	0.77	13	4.4				
	2014/1/13	ND(0.81)	ND(0.82)	11	ND(1.7)	0.13	ND(1.6)		
	2014/1/7	1.6	2.8					ND(5.6×10^{-6})	(5.7 ± 1.6) $\times 10^{-6}$
T-0-1A	2014/3/11	ND(0.67)	ND(0.65)	ND(15)	In progress				
	2014/3/4	ND(0.92)	ND(0.59)	ND(16)	ND(1.5)				
T-0-1	2014/3/11	ND(0.76)	ND(0.53)	ND(15)	In progress				
	2014/3/4	ND(0.81)	ND(0.76)	ND(16)	ND(1.5)				
M-101	2014/1/15	0.030	0.078		In progress	In progress			
	2013/11/21	0.030	0.075		0.14	0.023			
T-0-2	2014/3/11	ND(0.78)	ND(0.45)	ND(15)	In progress				
	2014/3/4	ND(0.67)	ND(0.63)	ND(16)	ND(1.5)				
M-102	2014/1/16	0.054	0.13		In progress	In progress			
	2013/11/22	0.066	0.16		0.32	0.066			
T-0-3A	2014/3/11	ND(0.73)	ND(0.72)	ND(15)	In progress				
	2014/3/4	ND(0.58)	ND(0.53)	ND(16)	ND(1.5)				
T-0-3	2014/3/11	ND(0.69)	ND(0.64)	ND(15)	In progress				
	2014/3/4	ND(0.73)	ND(0.62)	ND(16)	ND(1.5)				
T-2-1	2014/3/10	ND(0.55)	ND(0.70)	13	ND(1.4)				
	2014/1/13	ND(0.81)	ND(0.82)	15	ND(1.7)	0.023	ND(1.6)		
	2014/1/7	ND(0.96)	ND(0.64)	11				ND(5.8×10^{-6})	ND(6.0×10^{-6})

Sea area between 2-20km radius from the NPS (1)

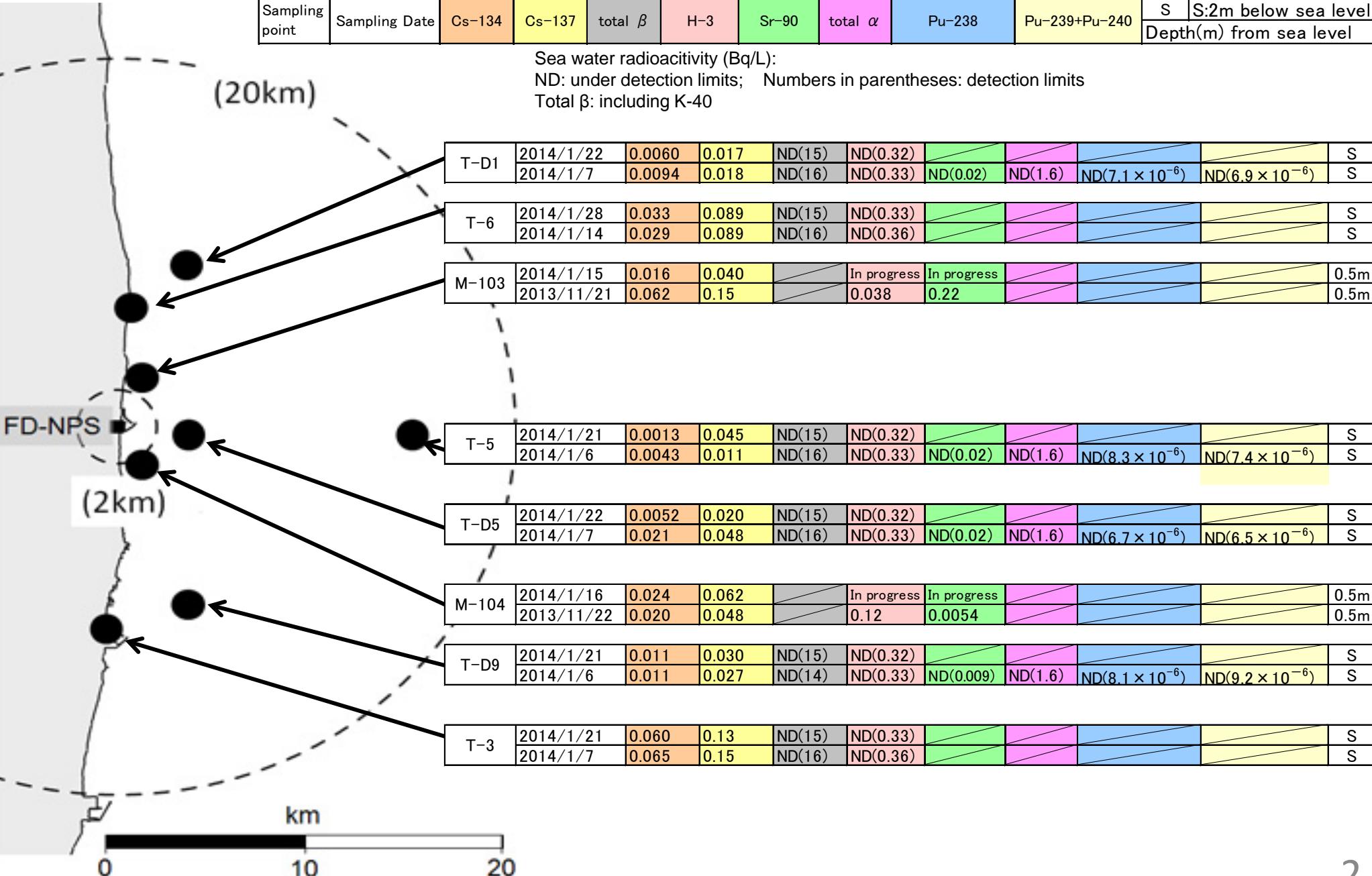
Sampling point	Sampling Date	Cs-134	Cs-137	total β	H-3	Sr-90	total α	Pu-238	Pu-239+Pu-240	S	S:2m below sea level Depth(m) from sea level
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Sea water radioactivity (Bq/L):

ND: under detection limits; Numbers in parentheses: detection limits

Total β : including K-40

(20km)

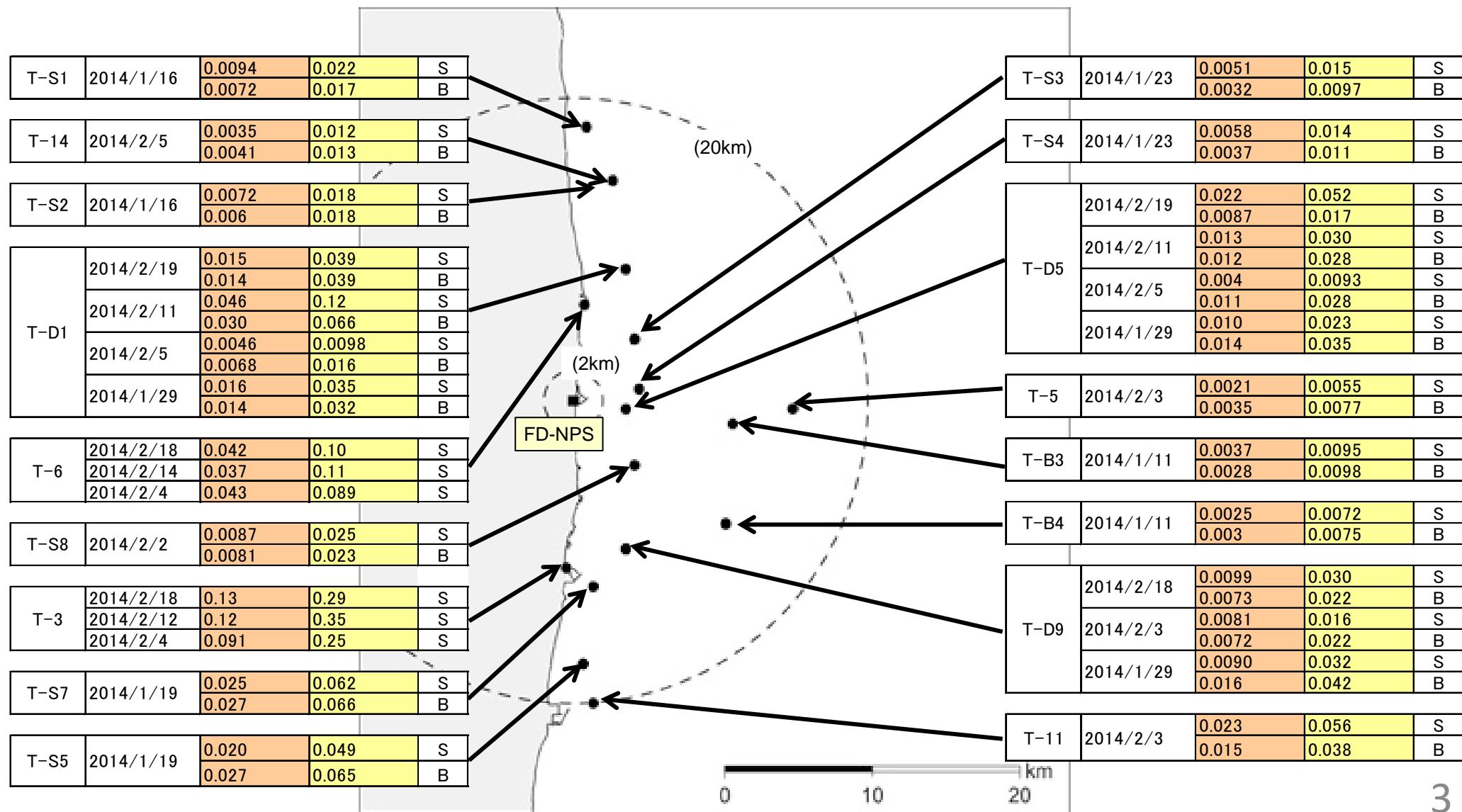


Sea area between 2-20km radius from the NPS (2)

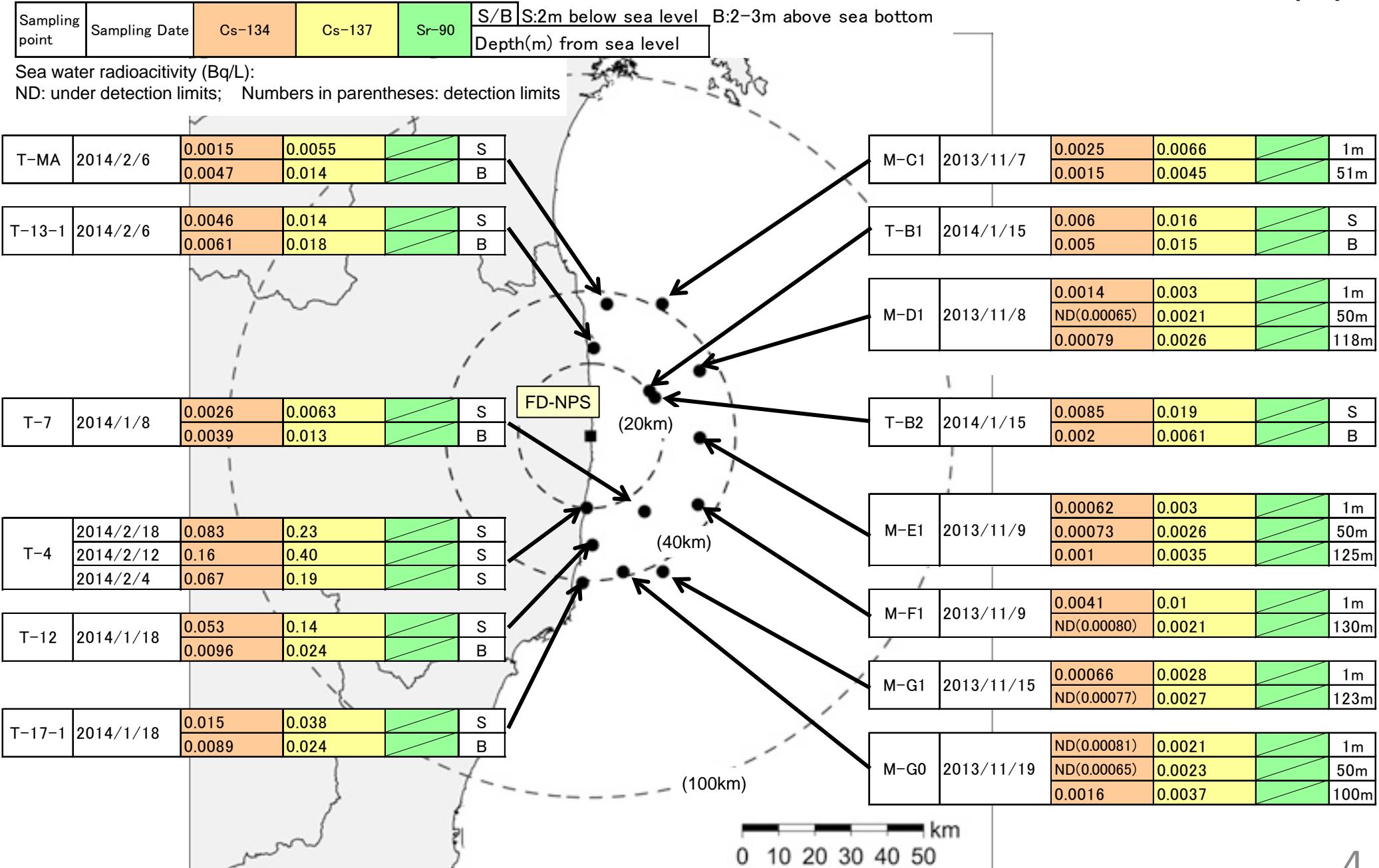
Sampling point	Sampling Date	Cs-134	Cs-137	S/B	S:2m below sea level B:2-3m above sea bottom
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Sea water radioactivity (Bq/L):

ND: under detection limits; Numbers in parentheses: detection limits



Sea area between 20-100km radius from the NPS(1)



Sea area between 20-100km radius from the NPS(2)

Sampling point	Sampling Date	Cs-134	Cs-137	Total β^*	Sr-90	S/B	S:2m below sea level	B:2-3m above sea bottom	Depth(m) from sea level
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Sea water radioactivity (Bq/L):

ND: under detection limits; Numbers in parentheses: detection limits

Total β : excluding K-40

M-C3	2014/1/19	In progress	In progress	0.021	In progress	In progress	1m		
	2013/11/7	ND(0.00067)	0.0017	0.023	0.10	0.0011	1m		
		ND(0.00068)	0.0015				50m		
		ND(0.00058)	0.0021				123m		
	2013/8/23	ND(0.00071)	0.0017		0.12	0.0010	1m		

T-22	2014/2/6	0.0020	0.0074				S		
		0.0074	0.017				B		

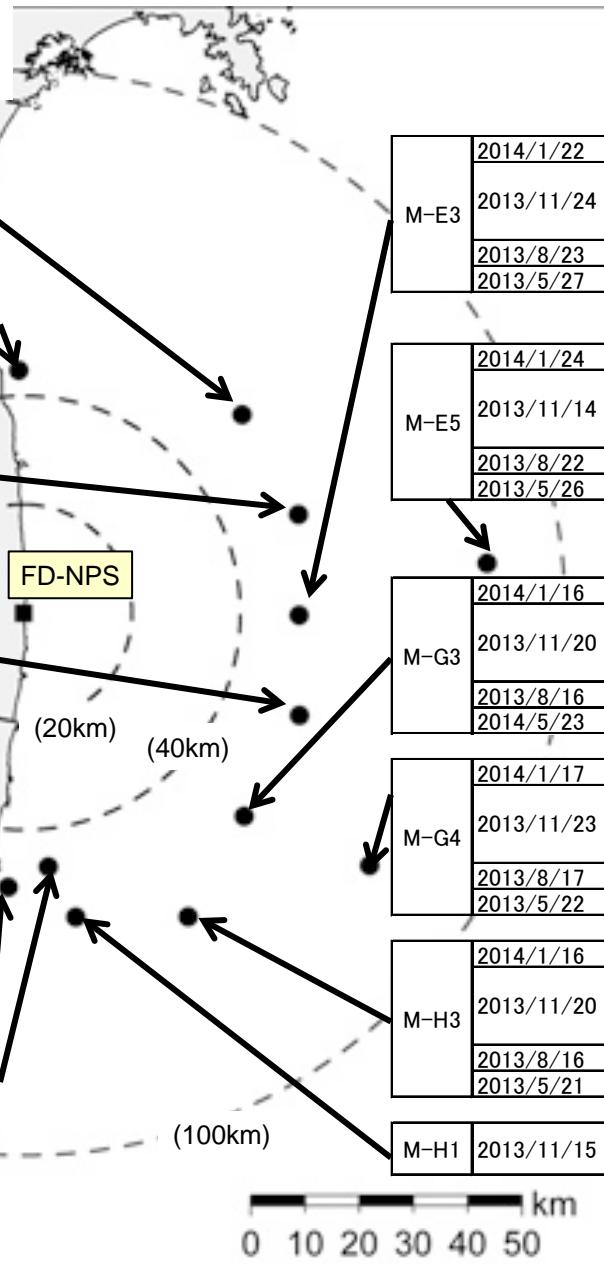
M-D3	2014/1/22	In progress	In progress	0.021	In progress	In progress	1m		
		ND(0.00066)	0.0020	0.031	0.10	0.0010	1m		
		ND(0.00068)	0.0021				100m		
		ND(0.00062)	0.0020				208m		
	2013/8/23	ND(0.00095)	0.0016		0.11	0.0011	1m		

M-F3	2014/1/22	In progress	In progress	0.027	In progress	In progress	1m		
		ND(0.00078)	0.0019	0.036	0.074	0.0011	1m		
		0.00054	0.0024				100m		
		0.00064	0.0018				224m		
	2013/8/21	ND(0.00079)	0.0022		0.11	0.0011	1m		

T-18	2014/2/6	0.015	0.041				S		
		0.016	0.041				B		

T-20	2014/1/18	0.013	0.031				S		
		0.014	0.033				B		

T-M10	2014/2/6	0.0024	0.0050				S		
		0.0043	0.014				B		



Sea area along and off the coast of Miyagi Prefecture

Sampling point	Sampling Date	Cs-134	Cs-137	Sr-90	S/M/B
		Depth(m) from sea level			

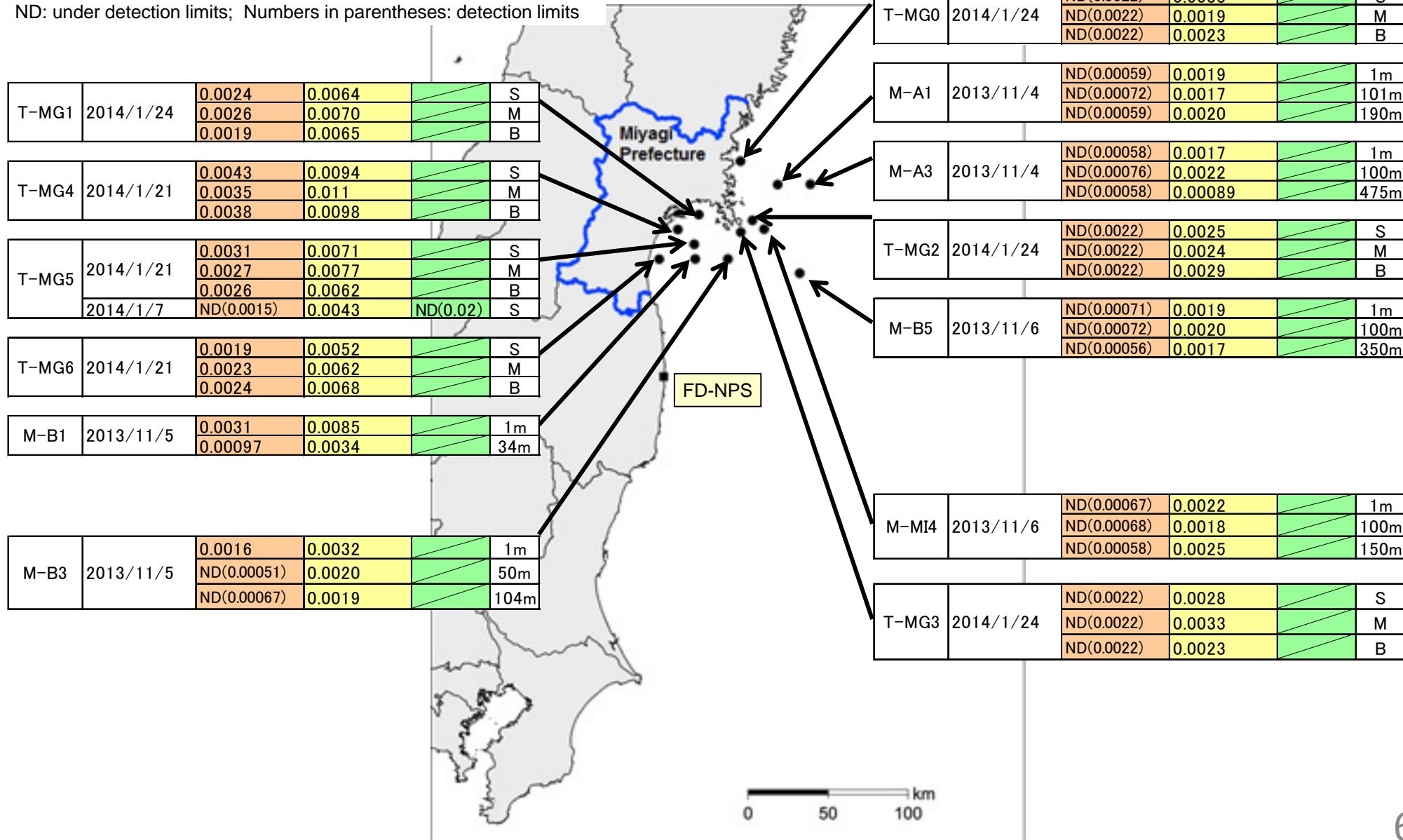
S:2m below sea level

M:between 2m below sea level and 2-3m above sea bottom

B:2-3m above sea bottom

Sea water radioactivity (Bq/L):

ND: under detection limits; Numbers in parentheses: detection limits

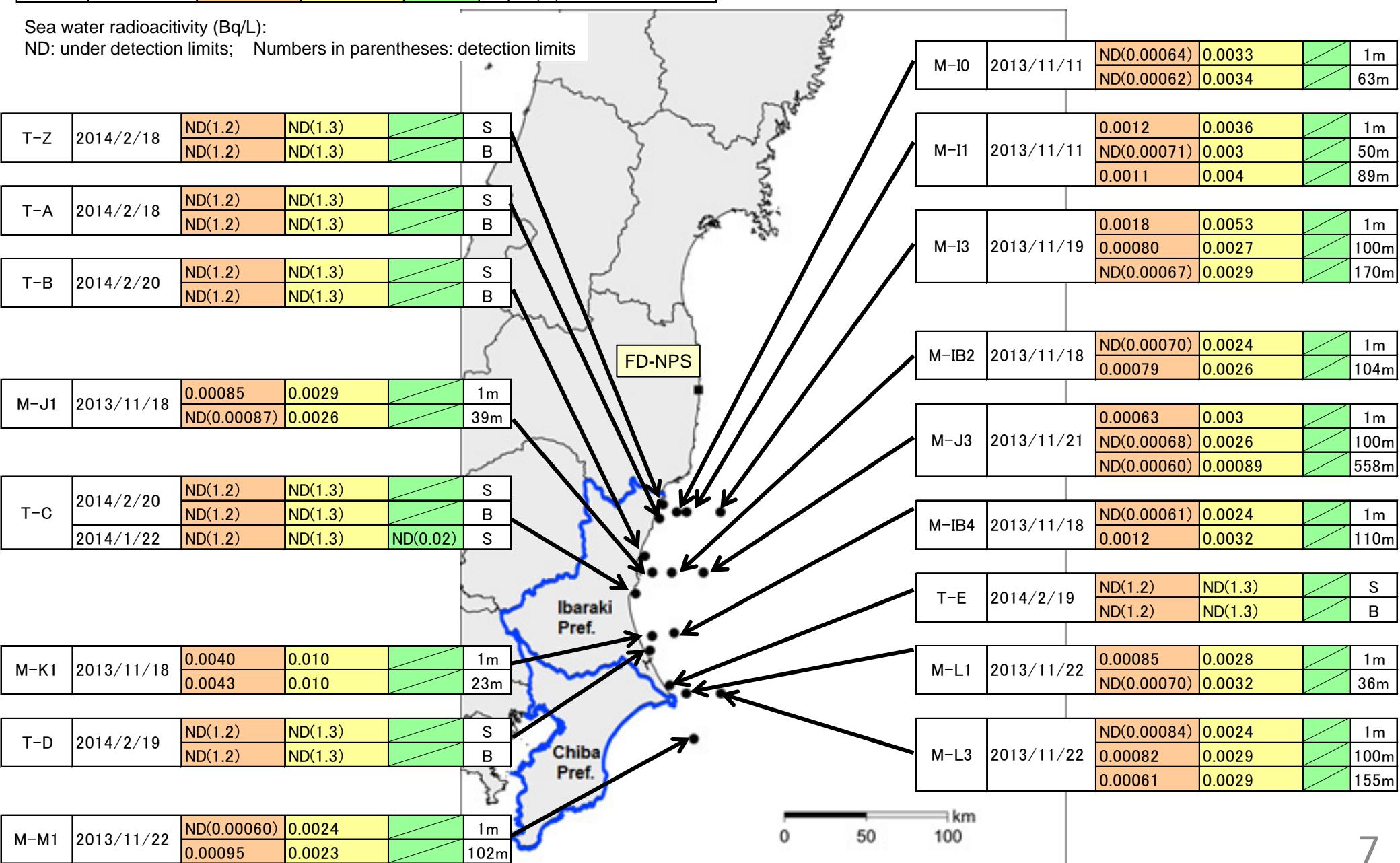


Sea area along and off the coast of Ibaraki Pref. and Chiba Pref.

Sampling point	Sampling Date	Cs-134	Cs-137	Sr-90	S/B Depth(m) from sea level	S:2m below sea level	B:2-3m above sea bottom
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Sea water radioactivity (Bq/L):

ND: under detection limits; Numbers in parentheses: detection limits



Open sea off the coast of Eastern Japan

Sampling point	Sampling Date	Cs-134	Cs-137	Depth(m) from sea level
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Sea water radioactivity (Bq/L):

ND: under detection limits; Numbers in parentheses: detection limits

