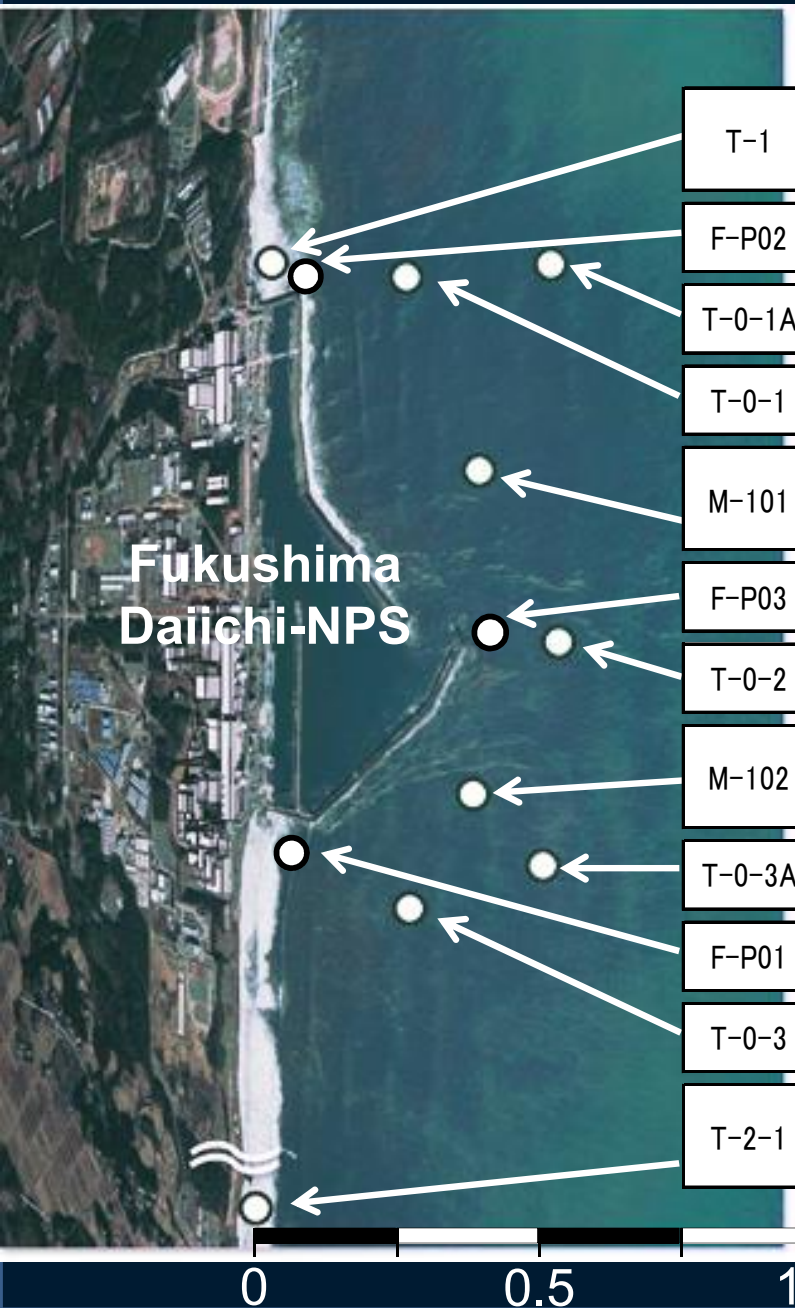


Sea Area Monitoring

July 21, 2015

Nuclear Regulation Authority (NRA), Japan

Sea area within 2km radius from the NPS



Sampling point	Sampling Date	Cs-134	Cs-137	total β	H-3	Sr-90	total α	Pu-238	Pu-239+240
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Sea water radioactivity (Bq/L):

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

*1: Total β : including K-40 *2: Total β : excluding K-40

T-1	2015/7/6	ND(0.71)	ND(0.80)	10 ^{*1}	ND(1.7)				
	2015/5/4	ND(0.61)	ND(0.70)	12 ^{*1}	2.1	0.33	ND(2.0)		
	2015/4/8	ND(0.55)	ND(0.64)					ND(5.5 × 10 ⁻⁶)	ND(6.1 × 10 ⁻⁶)
F-P02	2015/4/22	ND(0.070)	ND(0.057)	0.02 ^{*2}	ND(0.43)	In progress		In progress	In progress
	2015/3/3	ND(0.072)	0.094	0.06 ^{*2}	ND(0.43)	0.041		ND(7 × 10 ⁻⁶)	1.1 × 10 ⁻⁵
T-0-1A	2015/7/6	ND(0.67)	ND(0.68)	21 ^{*1}	In progress				
	2015/6/30	ND(0.68)	ND(0.58)	16 ^{*1}	ND(1.8)				
T-0-1	2015/7/6	ND(0.63)	ND(0.80)	20 ^{*1}	In progress				
	2015/6/30	ND(0.62)	ND(0.58)	ND(16) ^{*1}	ND(1.8)				
M-101	2015/5/20	0.0075	0.032		0.15	In progress			
	2015/4/28	0.0067	0.025		0.17	In progress			
	2015/3/5	0.072	0.26		0.92	0.32			
F-P03	2015/4/22	ND(0.062)	ND(0.051)	0.02 ^{*2}	ND(0.44)	In progress		In progress	In progress
	2015/3/3	0.079	0.23	0.14 ^{*2}	1.4	0.23		ND(6 × 10 ⁻⁶)	ND(8 × 10 ⁻⁶)
T-0-2	2015/7/6	ND(0.77)	ND(0.70)	ND(16) ^{*1}	In progress				
	2015/6/30	ND(0.54)	ND(0.52)	ND(16) ^{*1}	ND(1.8)				
M-102	2015/5/21	0.027	0.10		0.28	In progress			
	2015/4/27	0.013	0.047		0.12	In progress			
	2015/3/6	0.022	0.077		0.21	0.0035			
T-0-3A	2015/7/6	ND(0.43)	ND(0.45)	ND(16) ^{*1}	In progress				
	2015/6/30	ND(0.66)	ND(0.73)	ND(16) ^{*1}	ND(1.8)				
F-P01	2015/4/22	ND(0.068)	ND(0.050)	0.02 ^{*2}	ND(0.44)	In progress		In progress	In progress
	2015/3/3	ND(0.068)	0.075	0.04 ^{*2}	ND(0.43)	0.004		ND(6 × 10 ⁻⁶)	ND(6 × 10 ⁻⁶)
T-0-3	2015/7/6	ND(0.71)	ND(0.76)	ND(16) ^{*1}	In progress				
	2015/6/30	ND(0.81)	ND(0.67)	ND(16) ^{*1}	ND(1.8)				
T-2-1	2015/7/6	ND(0.74)	ND(0.63)	12 ^{*1}	ND(1.7)				
	2015/5/4	ND(0.71)	ND(0.74)	12 ^{*1}	ND(1.5)	ND(0.011)	ND(2.0)		
	2015/4/8	ND(0.66)	ND(0.60)	8.9 ^{*1}				ND(6.9 × 10 ⁻⁶)	(9.7 ± 2.4) × 10 ⁻⁶

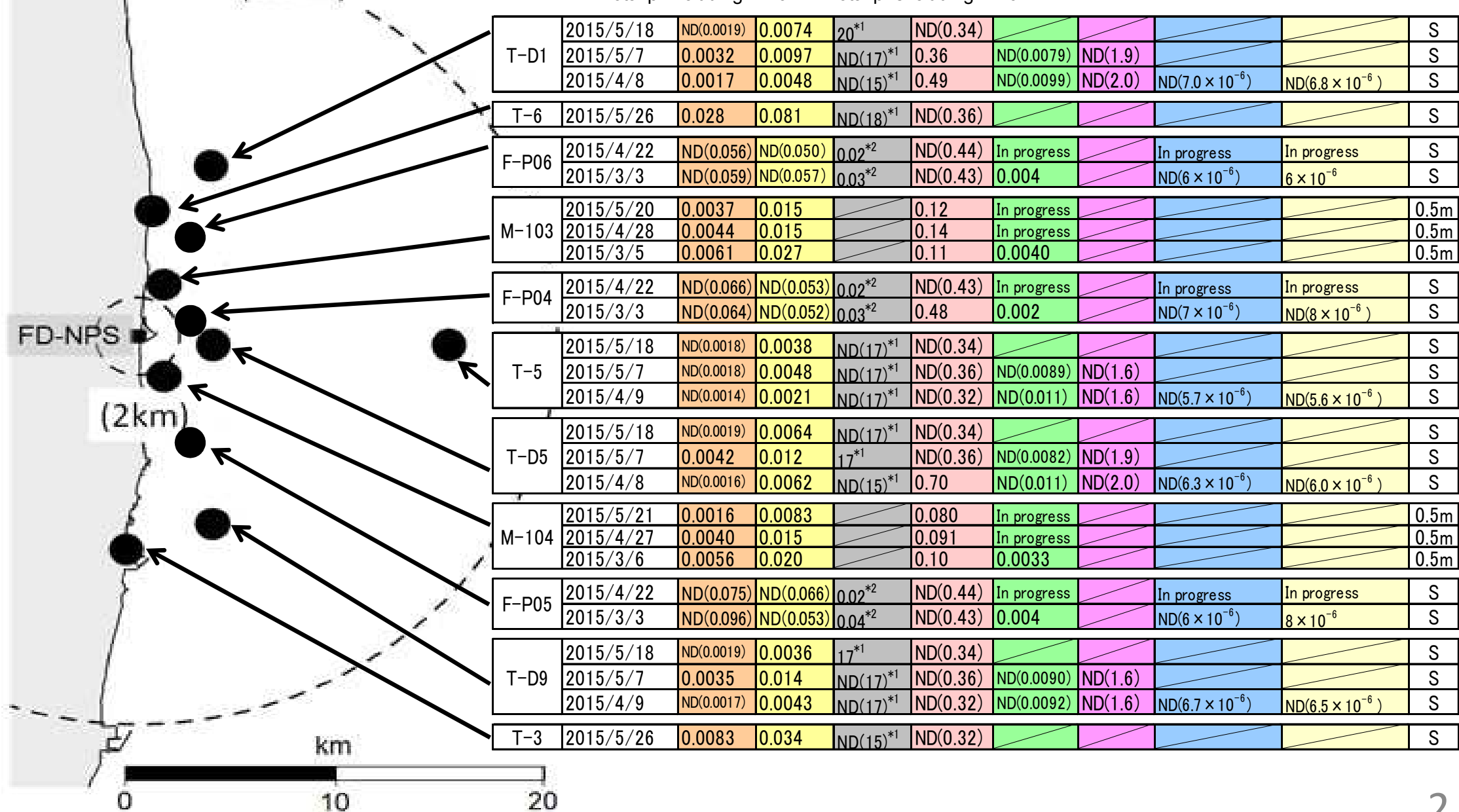
Sea area between 2-20km radius from the NPS (1)

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

Sea water radioactivity (Bq/L):

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

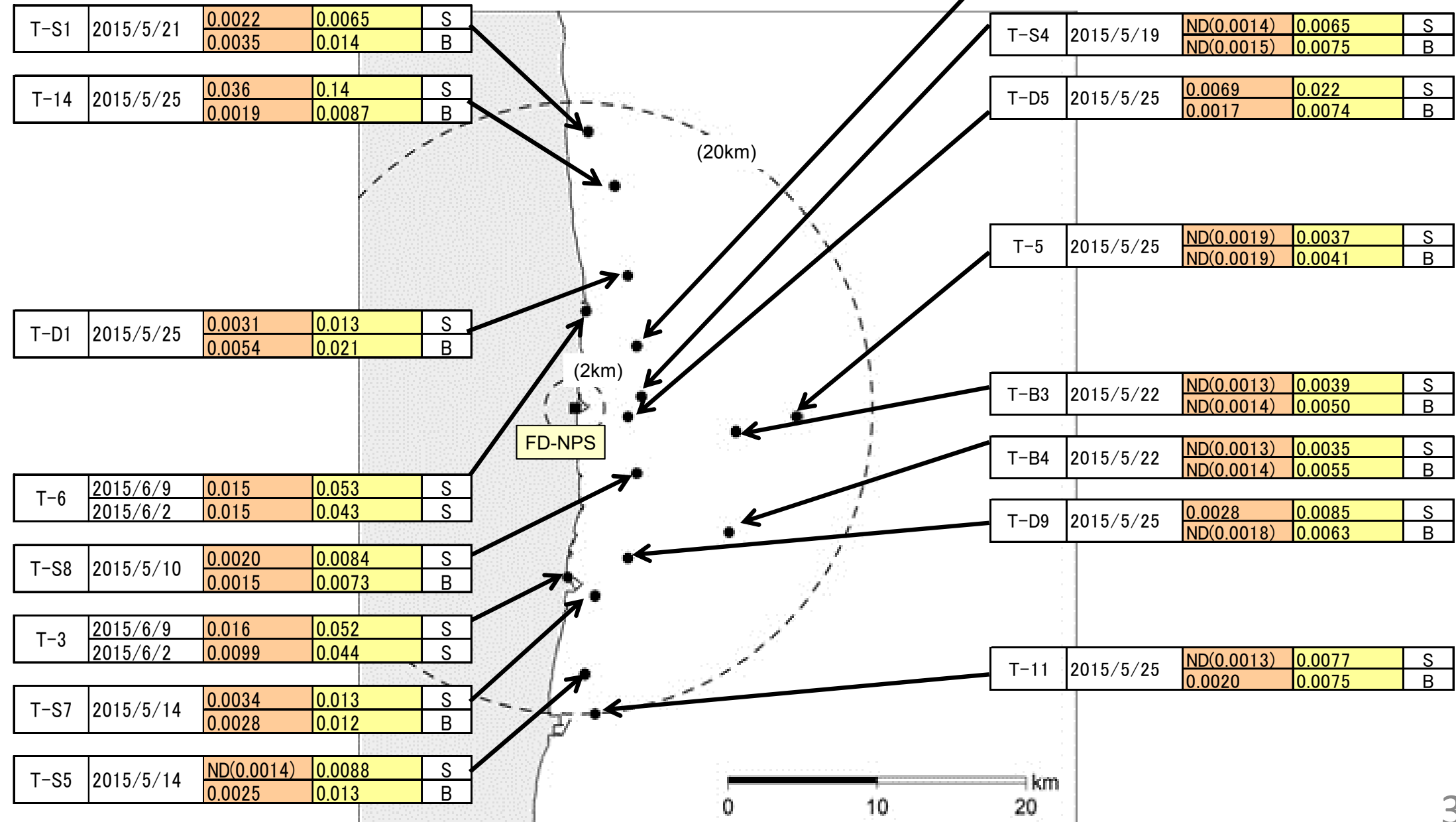
*1: Total β : including K-40 *2: Total β : excluding K-40



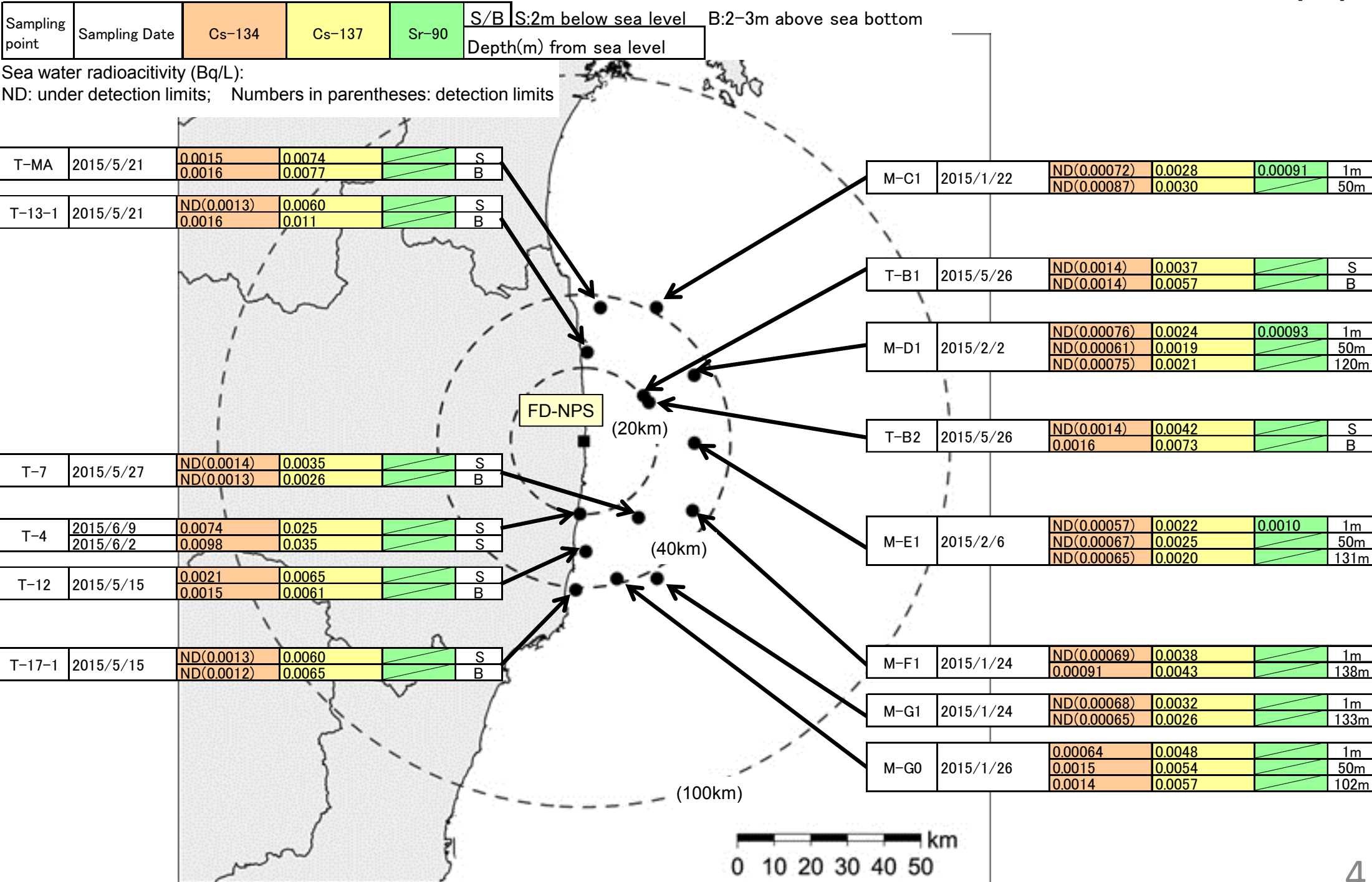
Sea area between 2-20km radius from the NPS (2)

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)



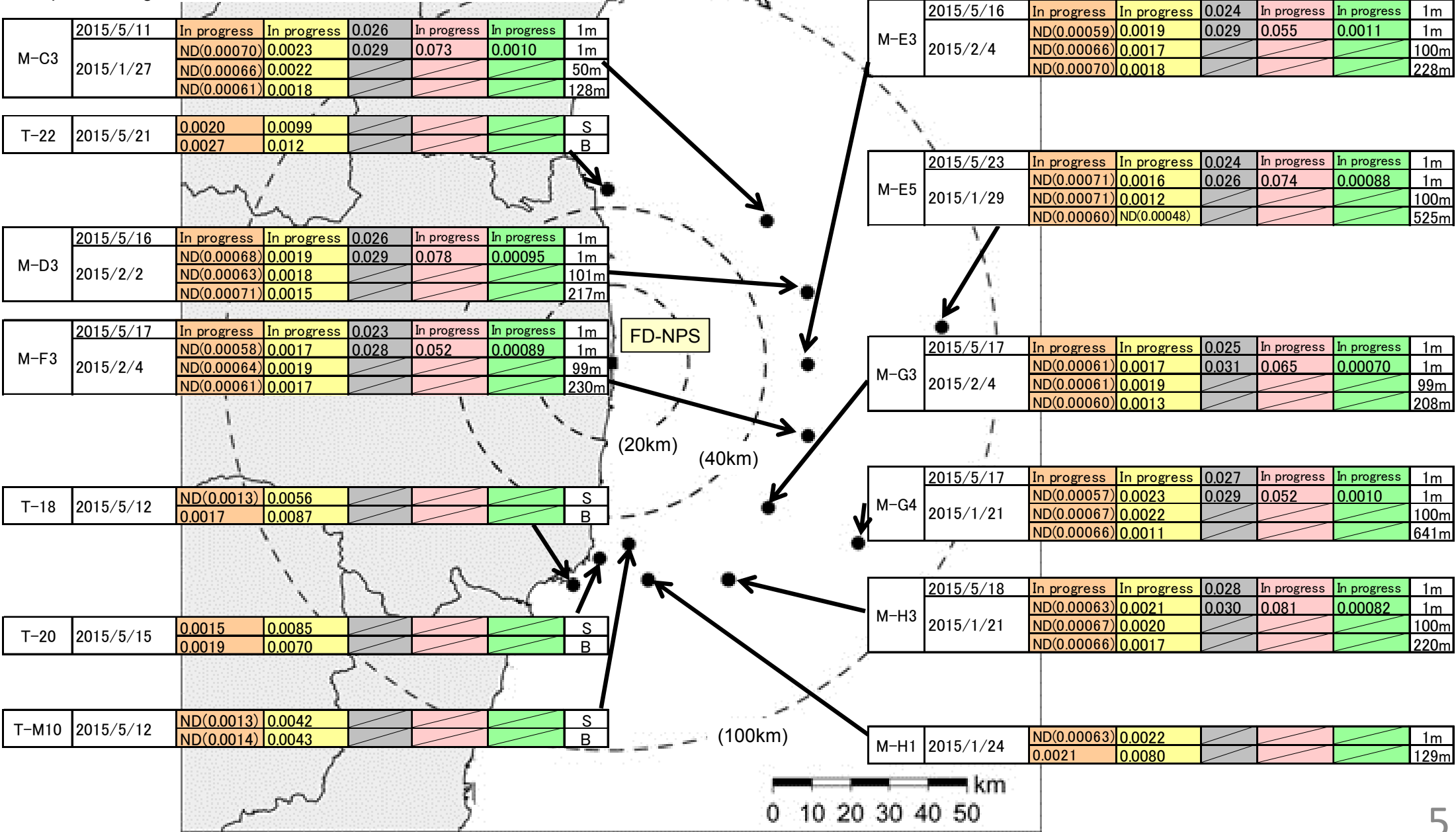
Sea area between 20-100km radius from the NPS(2)

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

Sea water radioactivity (Bq/L):

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

*Total β : excluding K-40

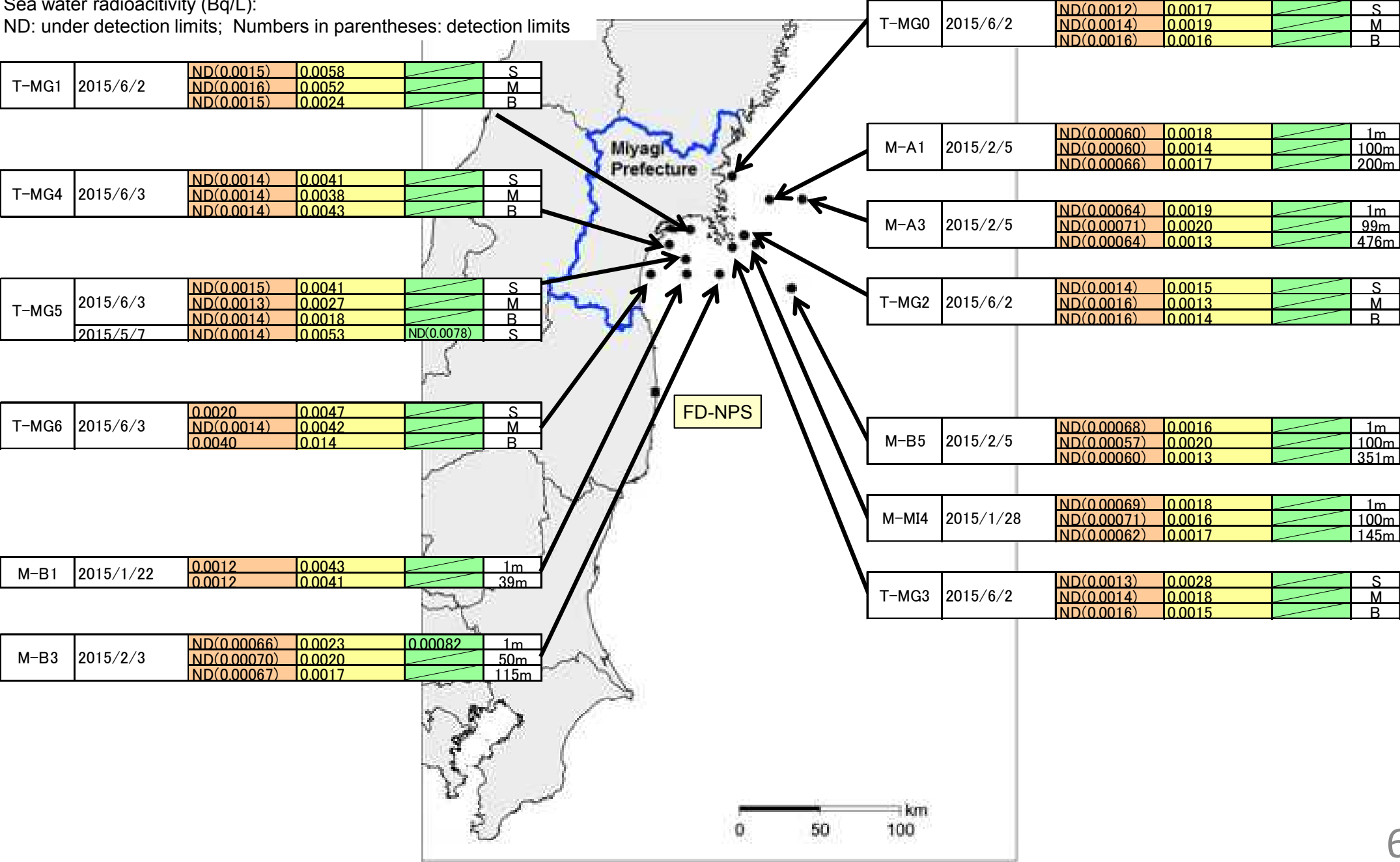


Sea area along and off the coast of Miyagi Prefecture

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	S:2m below sea level	B:2-3m above sea bottom
					Depth(m) from sea level		

Sea water radioactivity (Bq/L):

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

T-Z	2015/6/8	ND(1.1)	ND(1.1)		S
		ND(1.0)	ND(1.2)		B

T-A	2015/6/8	ND(1.0)	ND(1.1)		S
		ND(0.82)	ND(1.1)		B

T-B	2015/6/10	ND(1.1)	ND(1.1)		S
		ND(0.99)	ND(1.1)		B

M-J1	2015/1/19	ND(0.00060)	0.0028	0.0012	1m
		ND(0.00071)	0.0036		37m

T-C	2015/6/8	ND(0.91)	ND(0.97)		S
		ND(0.92)	ND(1.1)		B
	2015/5/19	ND(0.94)	ND(1.2)	ND(0.0069)	S

M-K1	2015/1/18	ND(0.00074)	0.0029		1m
		0.00089	0.0029		29m

T-D	2015/6/10	ND(1.0)	ND(1.1)		S
		ND(0.89)	ND(1.2)		B

M-M1	2015/1/25	ND(0.00080)	0.0027		1m
		0.00078	0.0033		106m

M-I0	2015/1/20	ND(0.00070)	0.0027	0.00096	1m
		0.0012	0.0043		67m

M-I1	2015/1/20	ND(0.00074)	0.0028		1m
		ND(0.00084)	0.0030		50m
		ND(0.00082)	0.0038		93m

M-I3	2015/1/21	ND(0.00061)	0.0025		1m
		ND(0.00069)	0.0022		100m
		ND(0.00061)	0.0019		175m

M-IB2	2015/1/20	ND(0.00061)	0.0025		1m
		ND(0.00063)	0.0026		111m

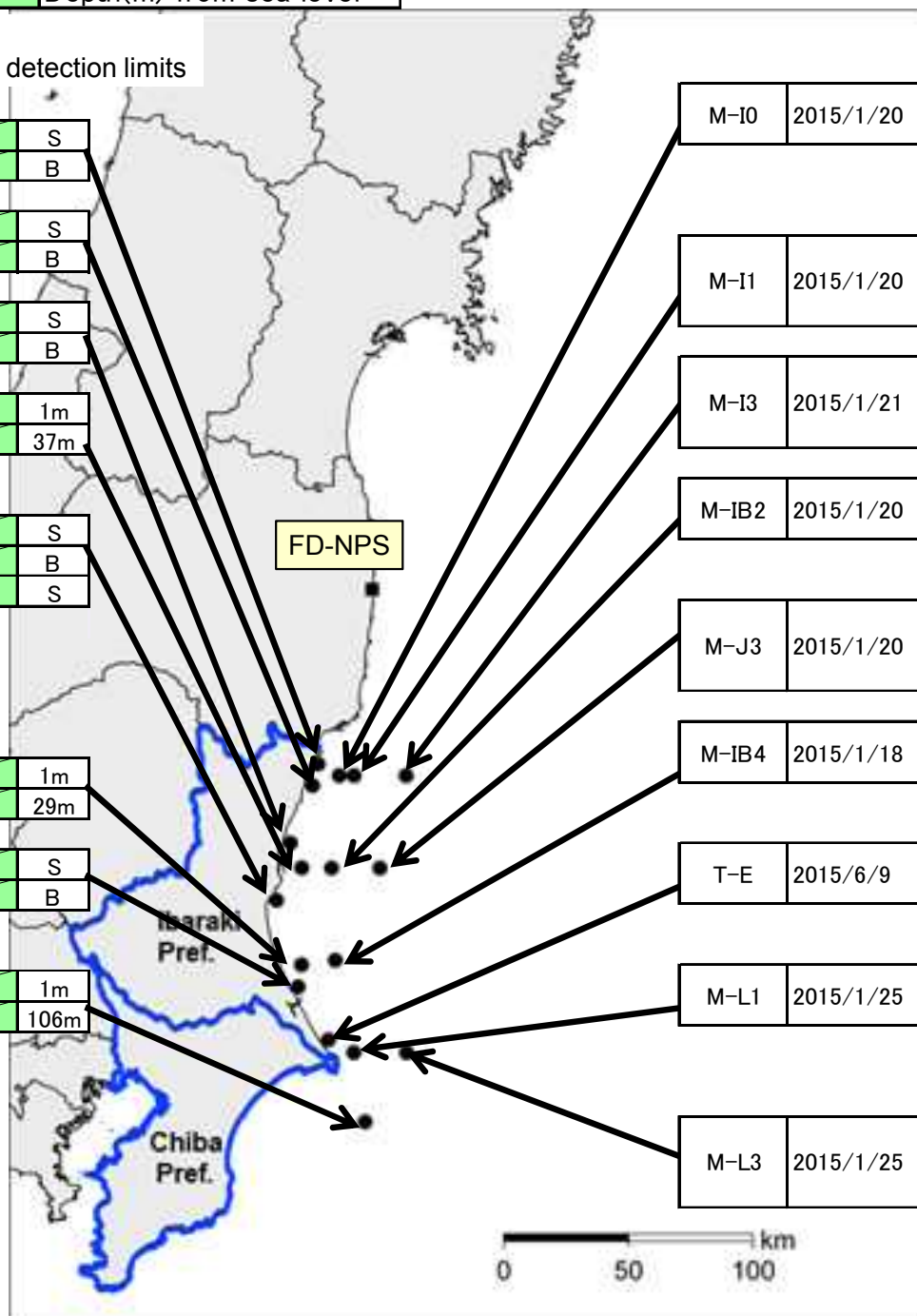
M-J3	2015/1/20	ND(0.00061)	0.0030		1m
		ND(0.00061)	0.0028		100m
		ND(0.00060)	0.00081		550m

M-IB4	2015/1/18	ND(0.00059)	0.0028		1m
		ND(0.00062)	0.0026		115m

T-E	2015/6/9	ND(0.91)	ND(1.0)		S
		ND(0.89)	ND(1.1)		B

M-L1	2015/1/25	ND(0.00060)	0.0027		1m
		0.00081	0.0029		36m

M-L3	2015/1/25	0.00089	0.0029		1m
		0.0010	0.0027		100m
		ND(0.00078)	0.0025		162m



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

M-10	2014/10/22	ND(0.00073)	0.0018	1m
		ND(0.00061)	0.0017	103m
		ND(0.00065)	0.0013	200m
		ND(0.00066)	0.0010	301m
		ND(0.00061)	0.00060	498m

M-14	2014/10/24	ND(0.00065)	0.0023	1m
		0.00064	0.0028	100m
		ND(0.00061)	0.0017	200m
		ND(0.00071)	0.0012	300m
		ND(0.00067)	0.00073	500m

M-19	2014/10/28	ND(0.00058)	0.0018	1m
		ND(0.00052)	0.0027	100m
		0.0013	0.0045	200m
		ND(0.00063)	0.0034	300m
		ND(0.00055)	0.0017	500m

M-20	2014/10/29	ND(0.00066)	0.0016	1m
		ND(0.00062)	0.0027	100m
		0.0016	0.0046	200m
		ND(0.00078)	0.0045	300m
		ND(0.00069)	0.0014	500m

M-25	2014/10/27	ND(0.00061)	0.0016	1m
		ND(0.00056)	0.0029	100m
		ND(0.00058)	0.0029	200m
		ND(0.00071)	0.0021	300m
		ND(0.00056)	0.00083	500m

M-11	2014/10/25	ND(0.00065)	0.0018	1m
		ND(0.00060)	0.0031	100m
		ND(0.00059)	0.0020	200m
		ND(0.00057)	0.0014	300m
		ND(0.00059)	0.0011	500m

M-15	2014/10/25	ND(0.00057)	0.0020	1m
		ND(0.00064)	0.0026	100m
		ND(0.00061)	0.0015	200m
		ND(0.00059)	0.0013	300m
		ND(0.00058)	0.00066	500m

M-21	2014/10/26	ND(0.00058)	0.0015	1m
		ND(0.00065)	0.0026	100m
		0.0010	0.0041	200m
		0.00080	0.0042	300m
		0.00068	0.0029	500m

M-26	2014/10/27	ND(0.00070)	0.0016	1m
		0.00095	0.0030	100m
		0.00074	0.0027	200m
		ND(0.00062)	0.0026	300m
		ND(0.00065)	0.00093	500m

M-27	2014/10/26	ND(0.00063)	0.0016	1m
		ND(0.00062)	0.0025	100m
		0.00070	0.0030	200m
		ND(0.00063)	0.0024	300m
		ND(0.00056)	0.0014	500m

