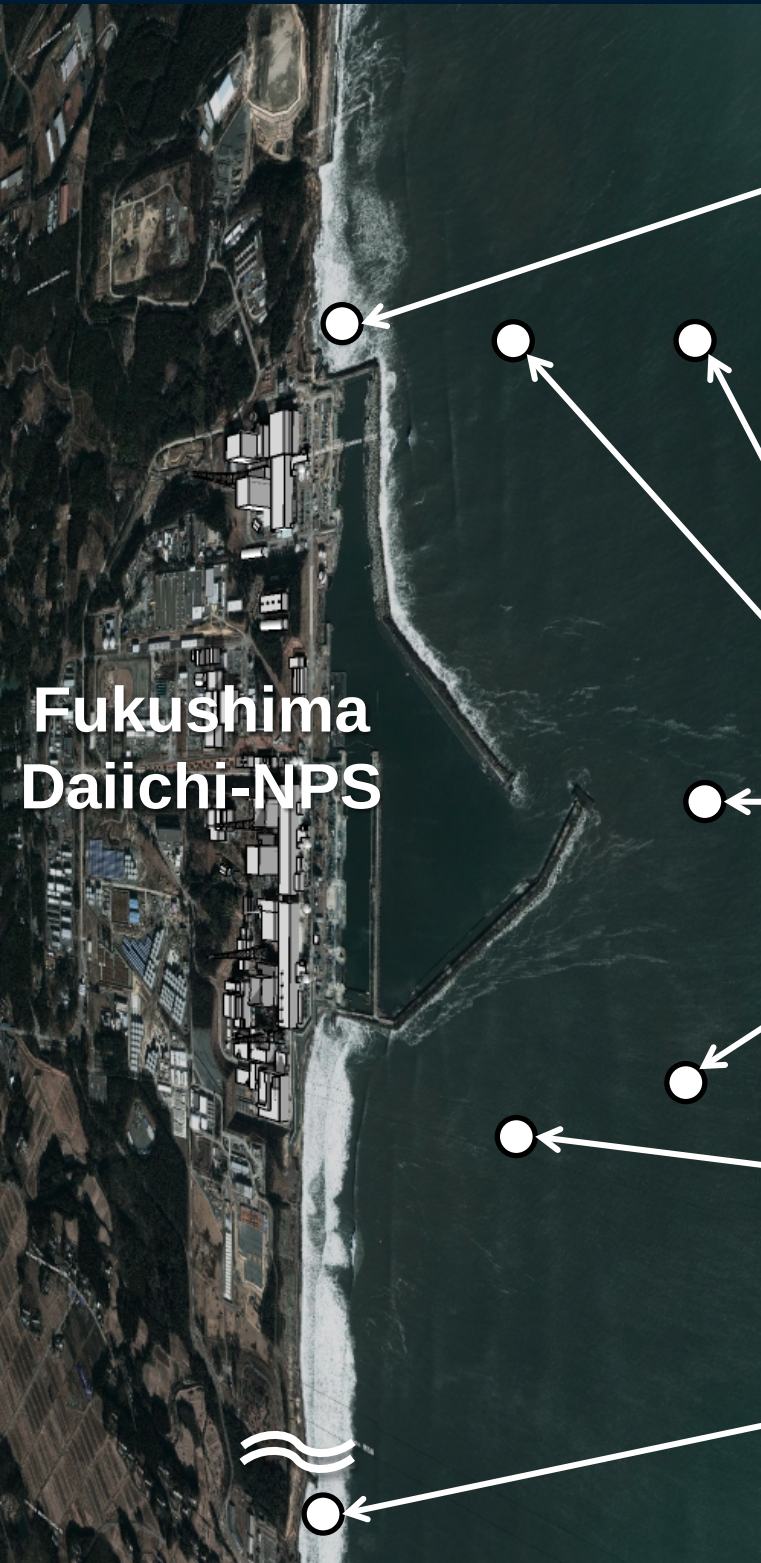


Sea Area Monitoring

December 3, 2013 (corrected)

Nuclear Regulation Authority (NRA), Japan

Sea area within 2km radius from the NPS



Fukushima
Daiichi-NPS

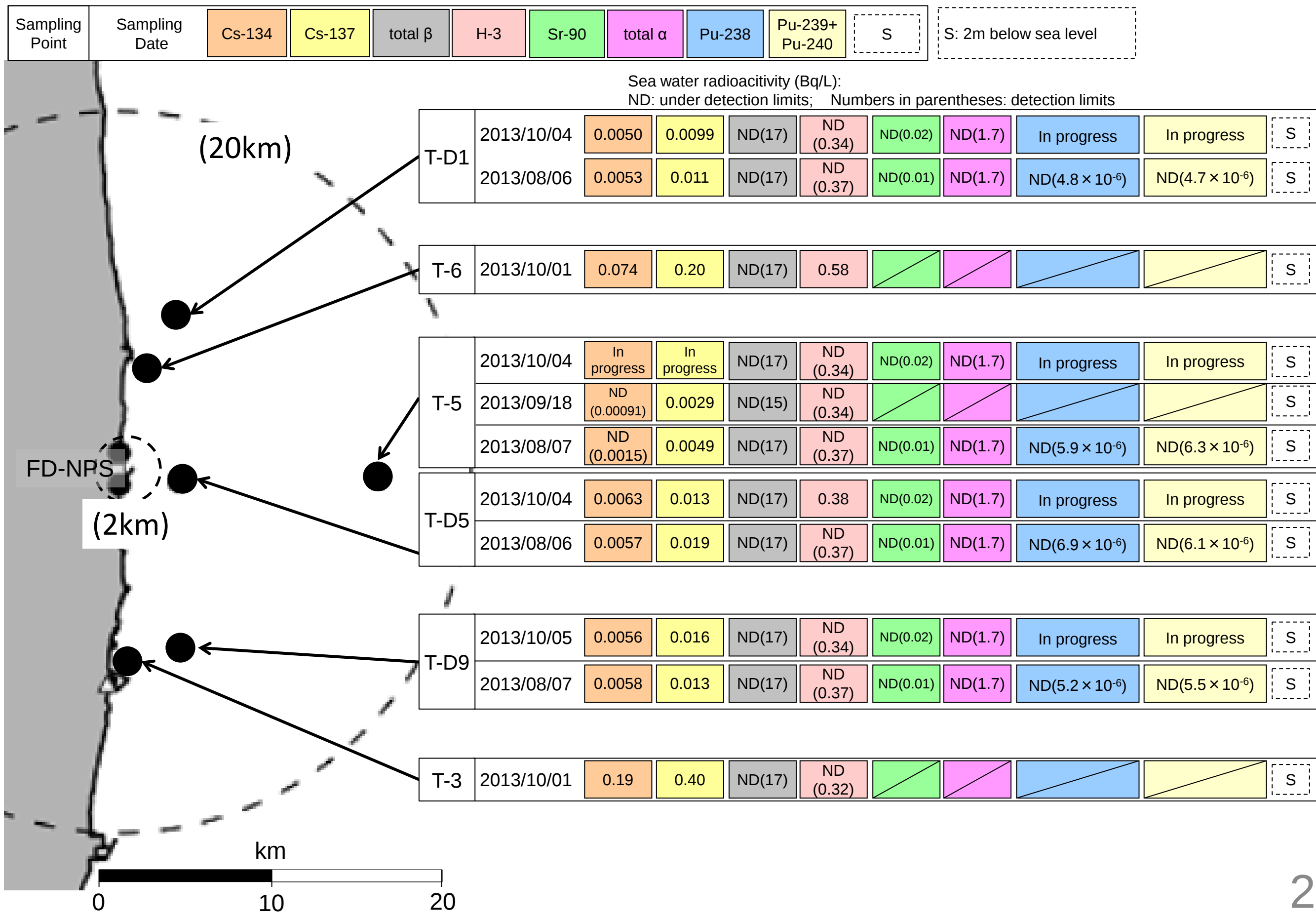
Sampling Point	Sampling Date	Cs-134	Cs-137	total β	H-3	Sr-90	total α	Pu-238	Pu-239+ Pu-240
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Sea water radioactivity (Bq/L):
ND: under detection limits; Numbers in parentheses: detection limits

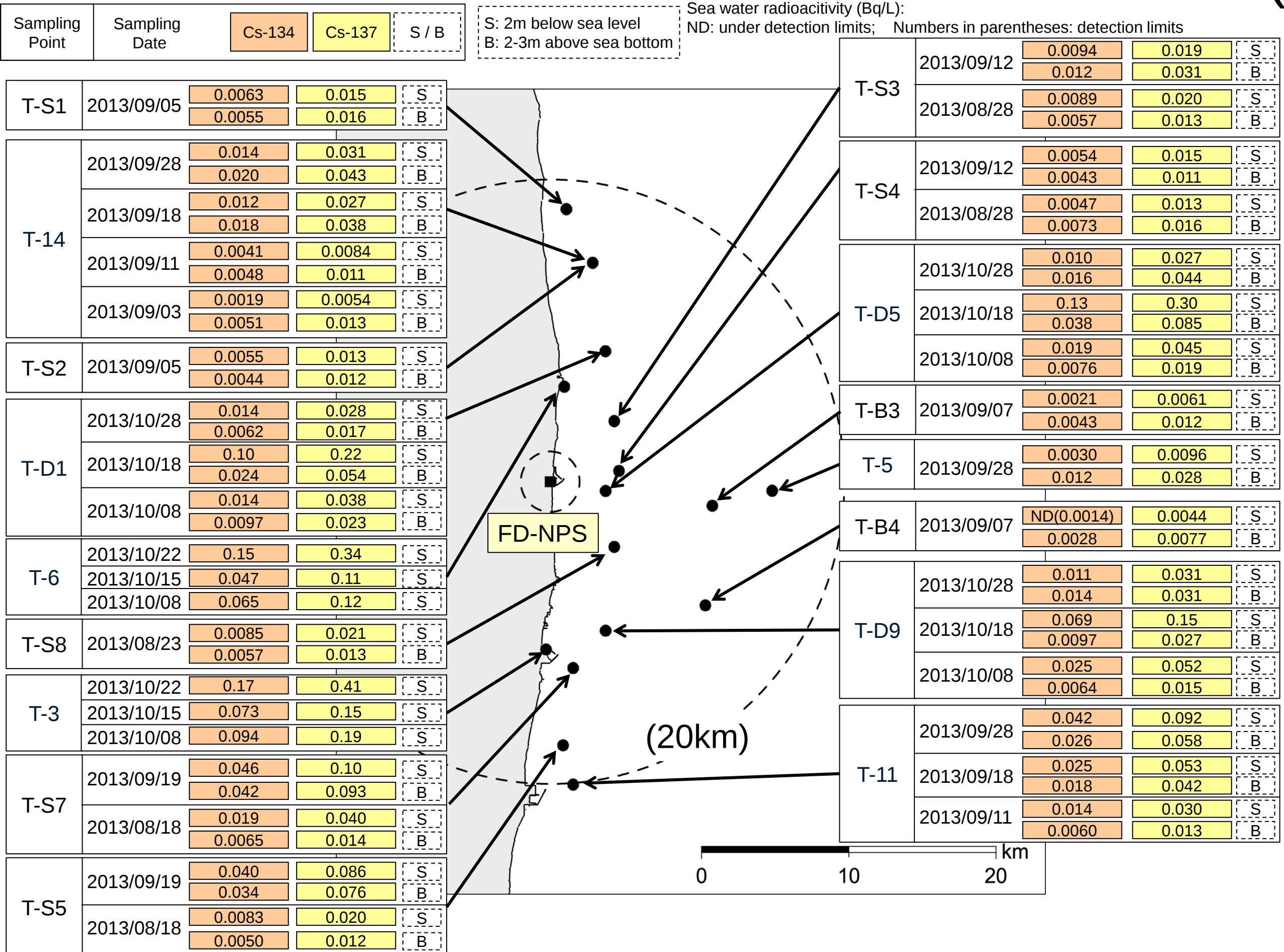
T-1	2013/11/18	ND(1.3)	ND(1.6)	ND(16)	ND(2.0)				
	2013/09/23	ND(1.2)	ND(1.4)	ND(17)	ND(1.8)	In progress	ND(2.6)		
	2013/08/12	ND(1.2)	1.4	ND(19)	4.7	In progress	ND(2.4)		
	2013/08/06	ND(1.4)	1.7					ND(6.6 × 10 ⁻⁶)	(7.5 ± 2.1) × 10 ⁻⁶
T-0-1A	2013/11/20	ND(0.70)	ND(0.70)	ND(16)	In progress				
	2013/11/13	ND(0.76)	ND(0.76)	ND(17)	ND(2.2)				
T-0-1	2013/11/20	ND(0.67)	ND(0.68)	ND(16)	In progress				
	2013/11/13	ND(0.73)	ND(0.64)	ND(17)	ND(2.2)				
T-0-2	2013/11/20	ND(0.66)	ND(0.50)	ND(16)	In progress				
	2013/11/13	ND(0.52)	ND(0.64)	ND(17)	ND(2.2)				
T-0-3A	2013/11/20	ND(0.80)	ND(0.81)	ND(16)	In progress				
	2013/11/13	ND(0.63)	ND(0.76)	ND(17)	ND(2.2)				
T-0-3	2013/11/20	ND(0.61)	ND(0.84)	ND(16)	In progress				
	2013/11/13	ND(0.71)	ND(0.58)	ND(17)	ND(2.2)				
T-2-1	2013/11/18	ND(1.3)	ND(1.6)	ND(18)	ND(2.0)				
	2013/09/23	ND(1.2)	ND(1.4)	ND(17)	ND(1.8)	In progress	ND(2.6)		
	2013/08/12	ND(1.2)	ND(1.4)	ND(19)	ND(2.9)	In progress	ND(2.4)		
	2013/08/06	ND(1.4)	ND(1.3)	ND(21)				ND(7.6 × 10 ⁻⁶)	(1.1 ± 0.29) × 10 ⁻⁵

0 0.5 1km

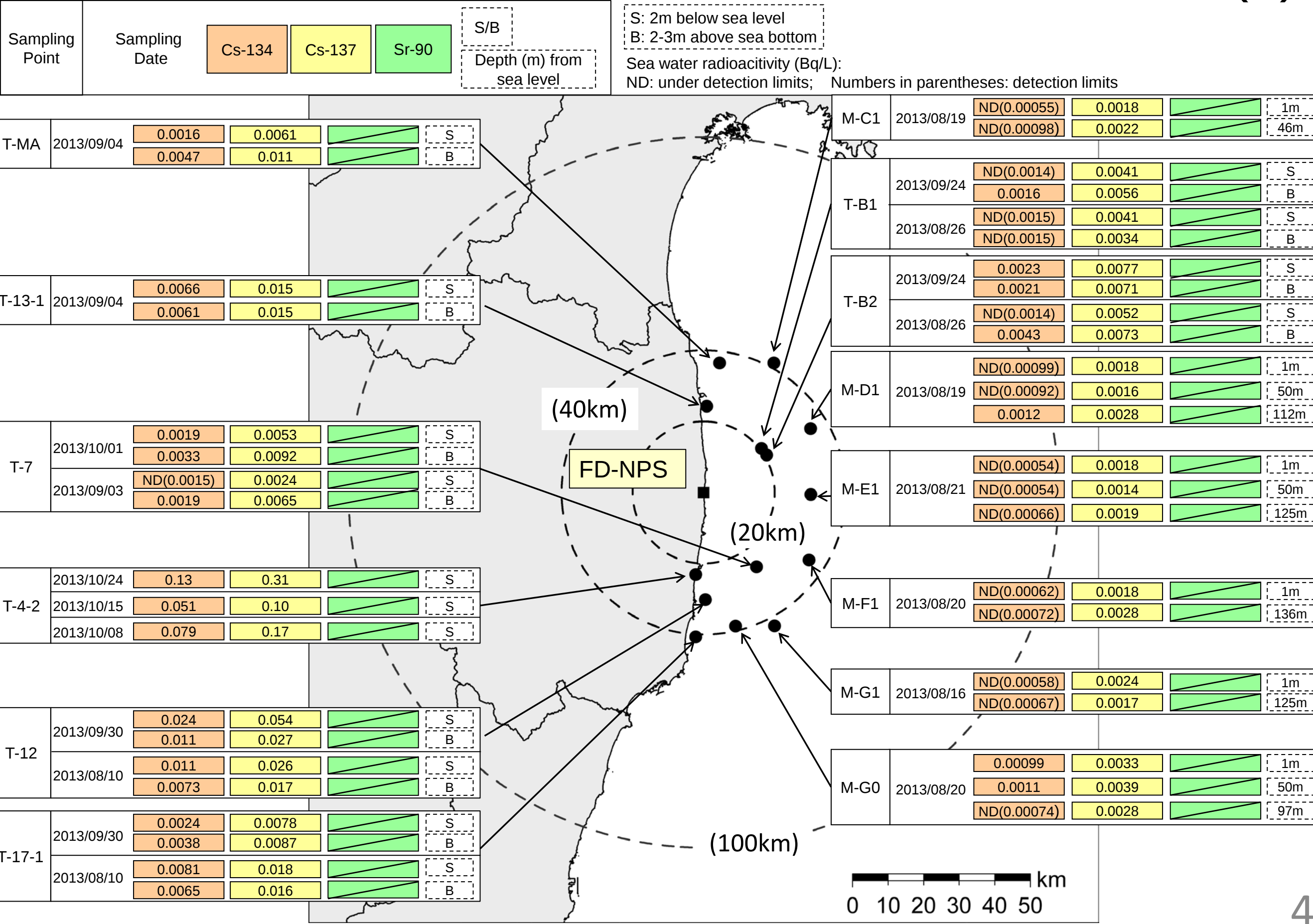
Sea area between 2-20km radius from the NPS (1)



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



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

Sea water radioactivity (Bq/L):
ND: under detection limits; Numbers in parentheses: detection limits

M-C3	2013/08/23	ND (0.00071)	0.0017	1m
		ND (0.00083)	0.0019	50m
		ND (0.00058)	0.0019	119m

T-22	2013/09/04	0.0037	0.0085	S
		0.0034	0.0090	B

T-M10	2013/10/01	ND(0.0013)	0.0028	S
		0.0018	0.0053	B
	2013/09/03	ND(0.0013)	0.0035	S
		0.0015	0.0036	B

T-20	2013/09/30	0.0036	0.0093	S
		0.0050	0.011	B
	2013/08/10	0.012	0.027	S
		0.0073	0.016	B

T-18	2013/10/01	0.012	0.027	S
		0.0054	0.013	B
	2013/09/03	0.0034	0.011	S
		0.0050	0.012	B

M-H1	2013/08/16	0.0044	0.0099	1m
		0.0010	0.0030	122m

M-D3	2013/08/23	ND (0.00095)	0.0016	1m
		ND (0.00092)	0.0020	100m
		ND (0.00099)	0.0016	216m

M-E3	2013/08/23	ND (0.00077)	0.0020	1m
		ND (0.00066)	0.0013	100m
		ND (0.0071)	0.0019	221m

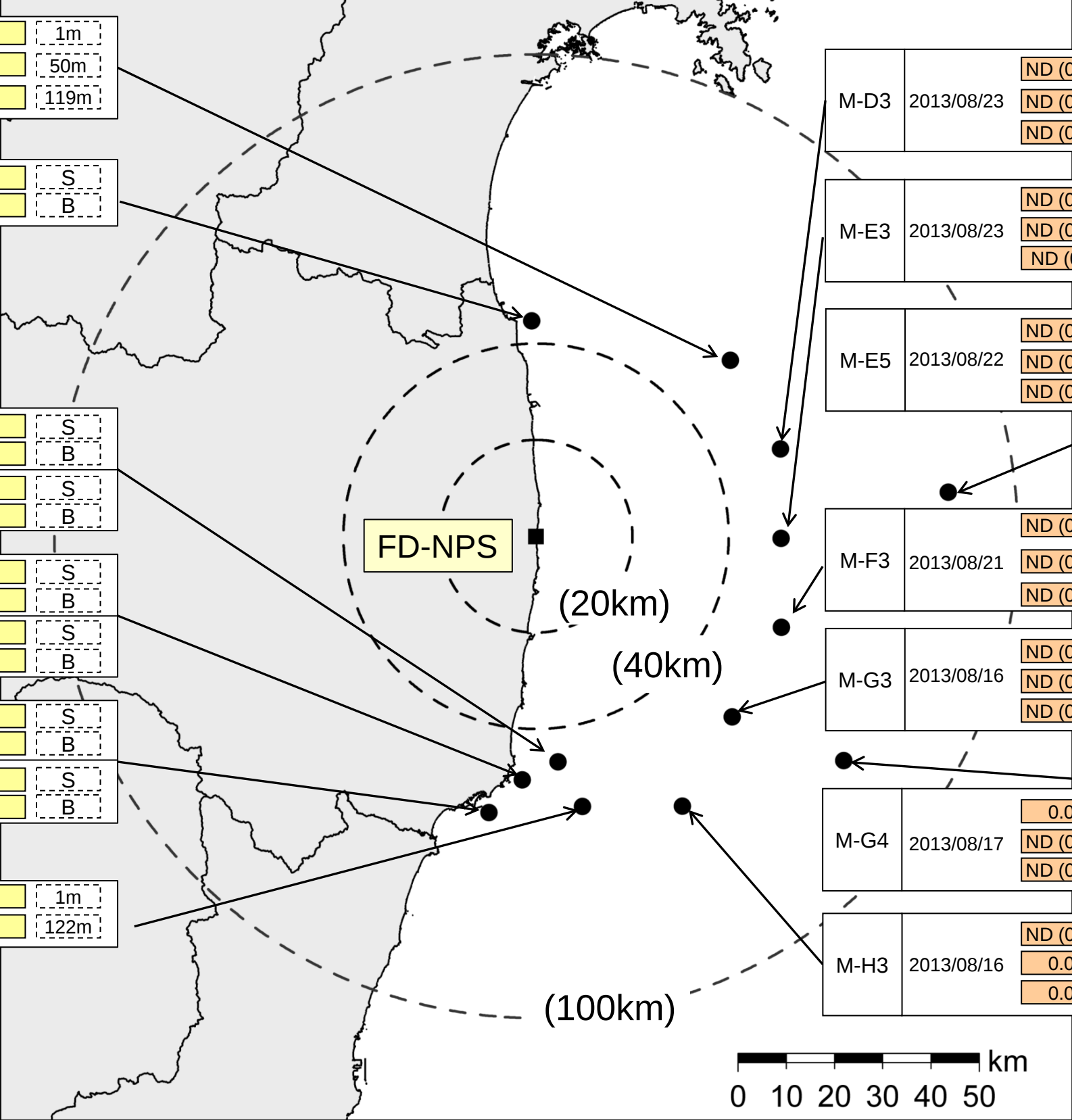
M-E5	2013/08/22	ND (0.00075)	0.0019	1m
		ND (0.00049)	0.0016	100m
		ND (0.00065)	0.00080	523m

M-F3	2013/08/21	ND (0.00079)	0.0022	1m
		ND (0.00060)	0.0016	100m
		ND (0.00086)	0.0019	226m

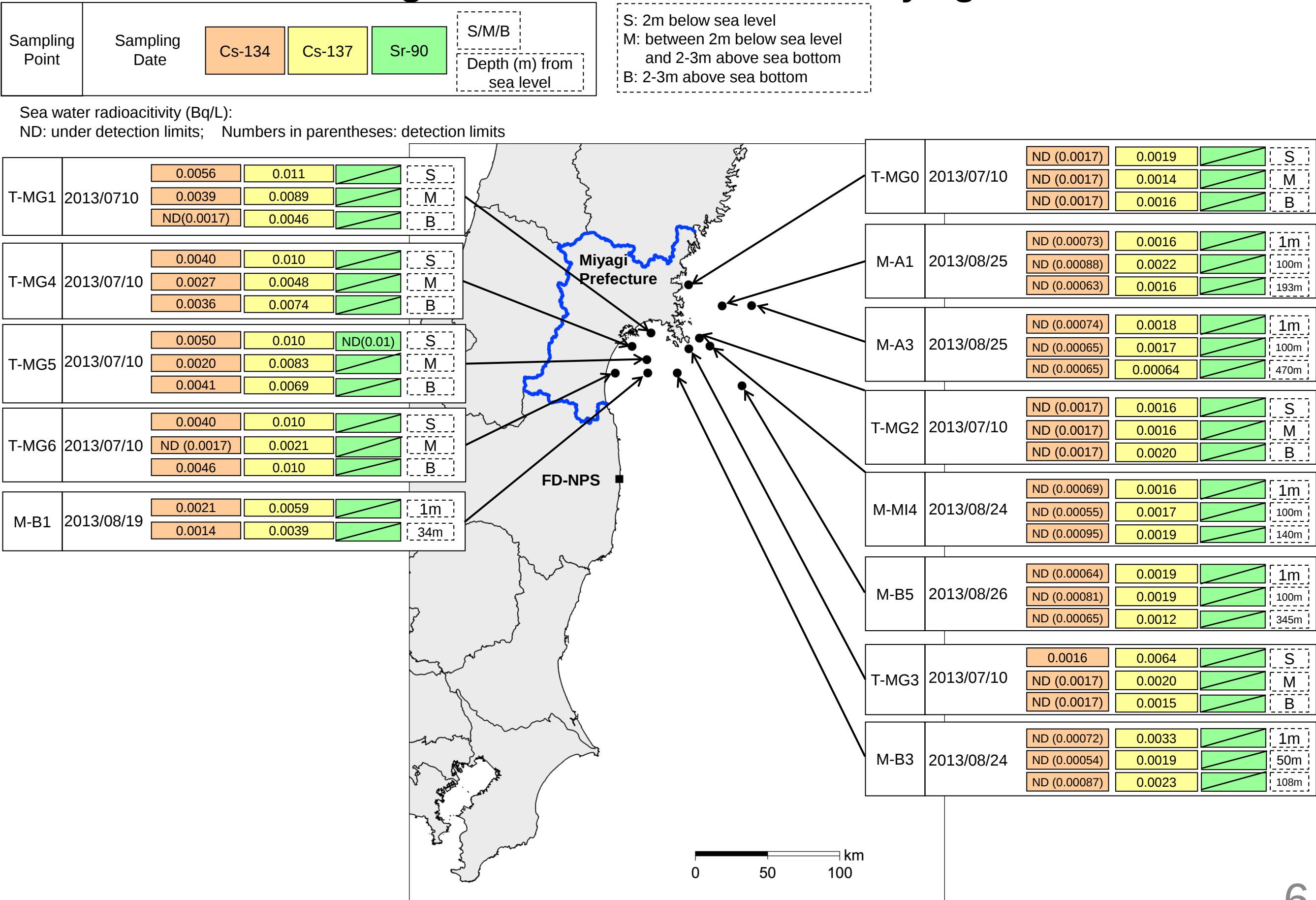
M-G3	2013/08/16	ND (0.00056)	0.0020	1m
		ND (0.00062)	0.0016	100m
		ND (0.00069)	0.0021	197m

M-G4	2013/08/17	0.00044	0.0018	1m
		ND (0.00074)	0.0019	100m
		ND (0.00071)	ND (0.00059)	671m

M-H3	2013/08/16	ND (0.00085)	0.0025	1m
		0.00095	0.0027	100m
		0.00043	0.0018	216m



Sea area along and off the coast of Miyagi Prefecture



Miyagi Prefecture

FD-NPS

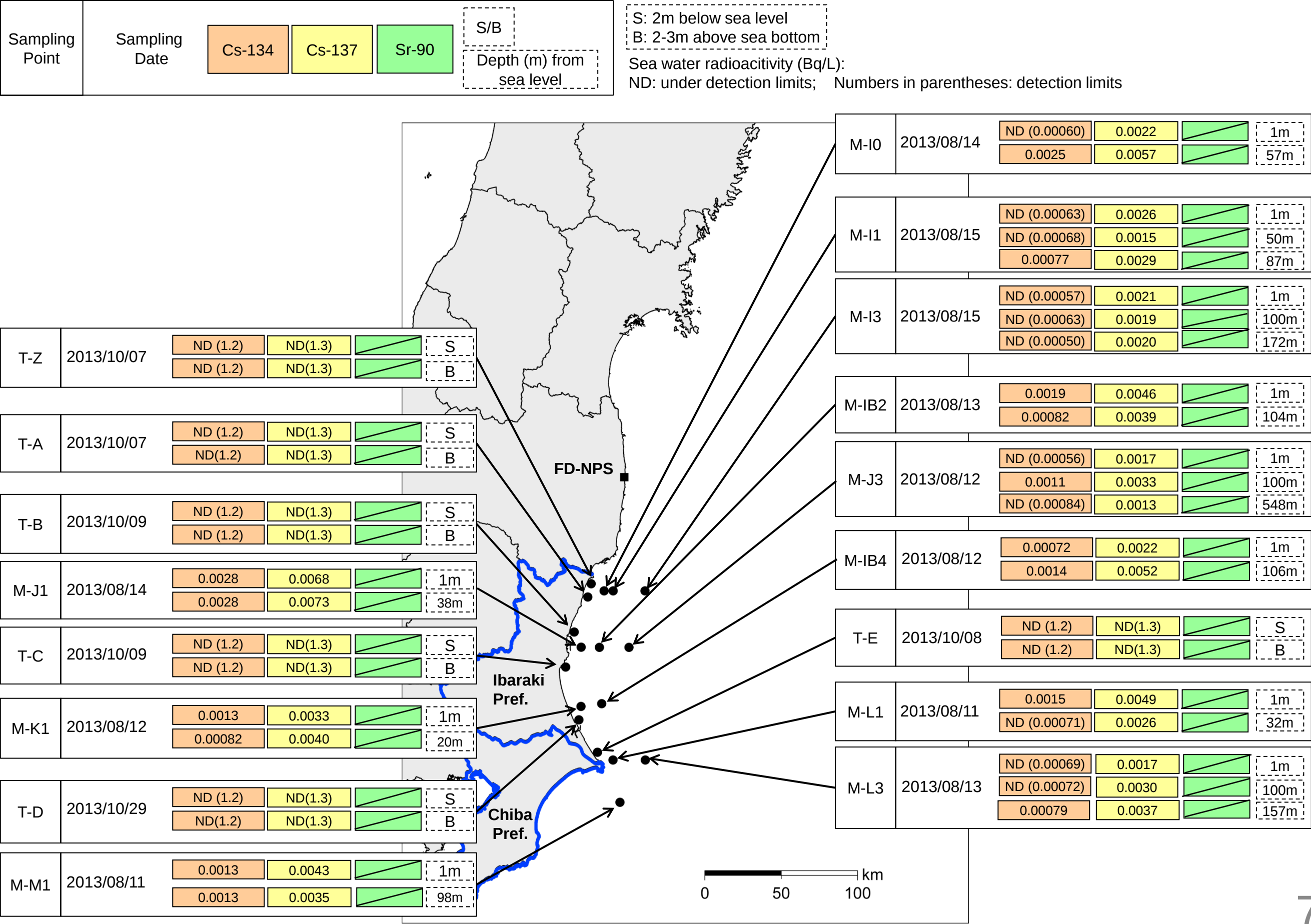
0

50

100

km

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



Open sea off the coast of Eastern Japan

