

# Sea Area Monitoring

Oct 26, 2020

Nuclear Regulation Authority (NRA), Japan

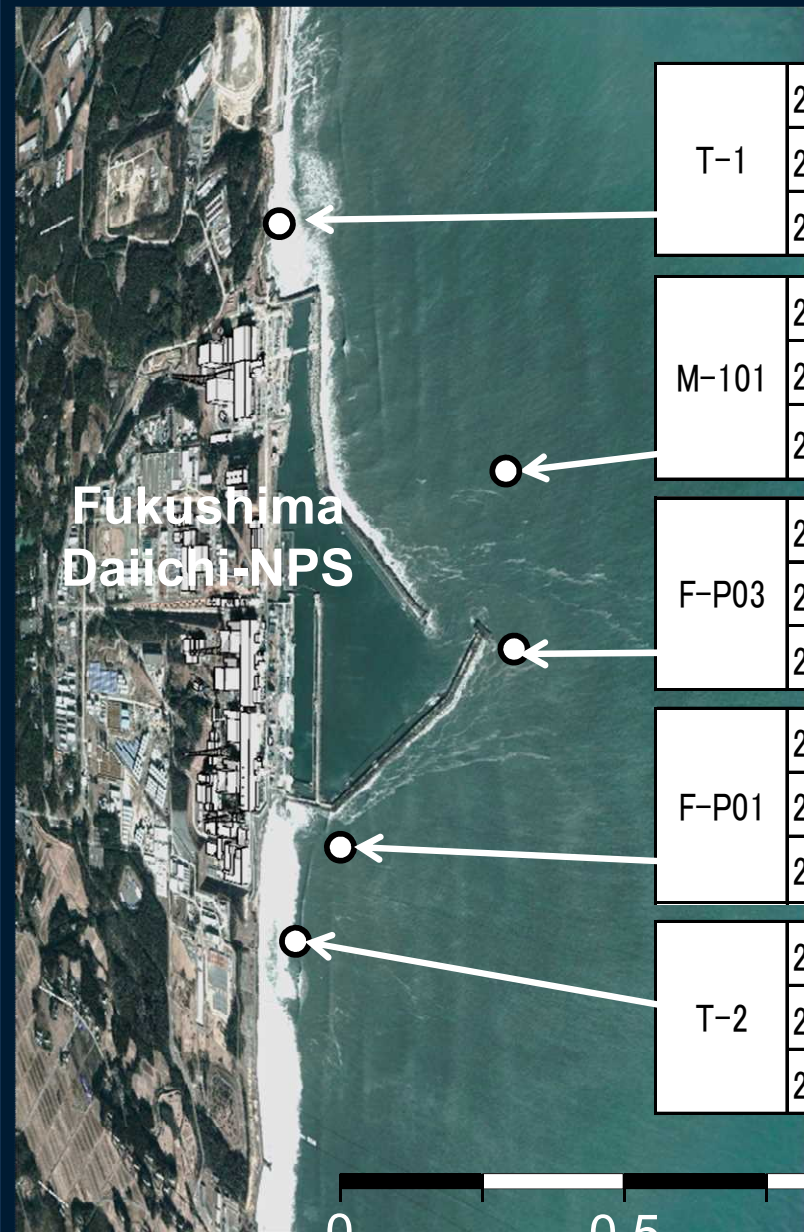
# The most recent radioactivity data of sea area within 2km from the NPS

Sampling point	Sampling Date	Cs-134	Cs-137	Gross $\beta$	H-3	Sr-90	Gross $\alpha$	Pu-238	Pu-239+Pu-240
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Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

\* 1 : Gross  $\beta$  : including K-40    \* 2 : Gross  $\beta$  : excluding K-40



T-1	2020/7/6	0.014	0.27	12	1.2	0.013	ND(2.4)		
	2020/8/3	0.016	0.29	12	1.4	0.010	ND(2.1)		
	2020/9/4	0.0044	0.091						
M-101	2020/6/13	0.00044	0.0084		0.080	0.00091			
	2020/7/9	0.00059	0.014		0.16	0.0022			
	2020/8/6	0.00070	0.016						
F-P03	2020/4/22	ND(0.003)	0.021	0.04 <sup>*2</sup>	ND(0.34)	0.0009		ND( $7 \times 10^{-6}$ )	0.000007
	2020/5/14	0.003	0.054	0.03 <sup>*2</sup>	0.39	0.0029		ND( $5 \times 10^{-6}$ )	ND( $5 \times 10^{-6}$ )
	2020/6/2	0.004	0.065	0.02 <sup>*2</sup>	ND(0.34)	0.0025		ND( $5 \times 10^{-6}$ )	0.000009
F-P01	2020/4/22	0.004	0.067	0.02 <sup>*2</sup>	ND(0.34)	0.0022		ND( $7 \times 10^{-6}$ )	ND( $6 \times 10^{-6}$ )
	2020/5/14	ND(0.003)	0.028	0.04 <sup>*2</sup>	ND(0.34)	0.0006		ND( $9 \times 10^{-6}$ )	ND( $7 \times 10^{-6}$ )
	2020/6/2	0.002	0.025	0.04 <sup>*2</sup>	ND(0.34)	0.0008		ND( $6 \times 10^{-6}$ )	0.000010
T-2	2020/7/6	0.0019	0.037	15	0.80	0.0016	ND(2.4)		
	2020/8/3	0.0058	0.10	13	0.82	0.045	ND(2.1)		
	2020/9/4	0.0065	0.14						

0      0.5      1km

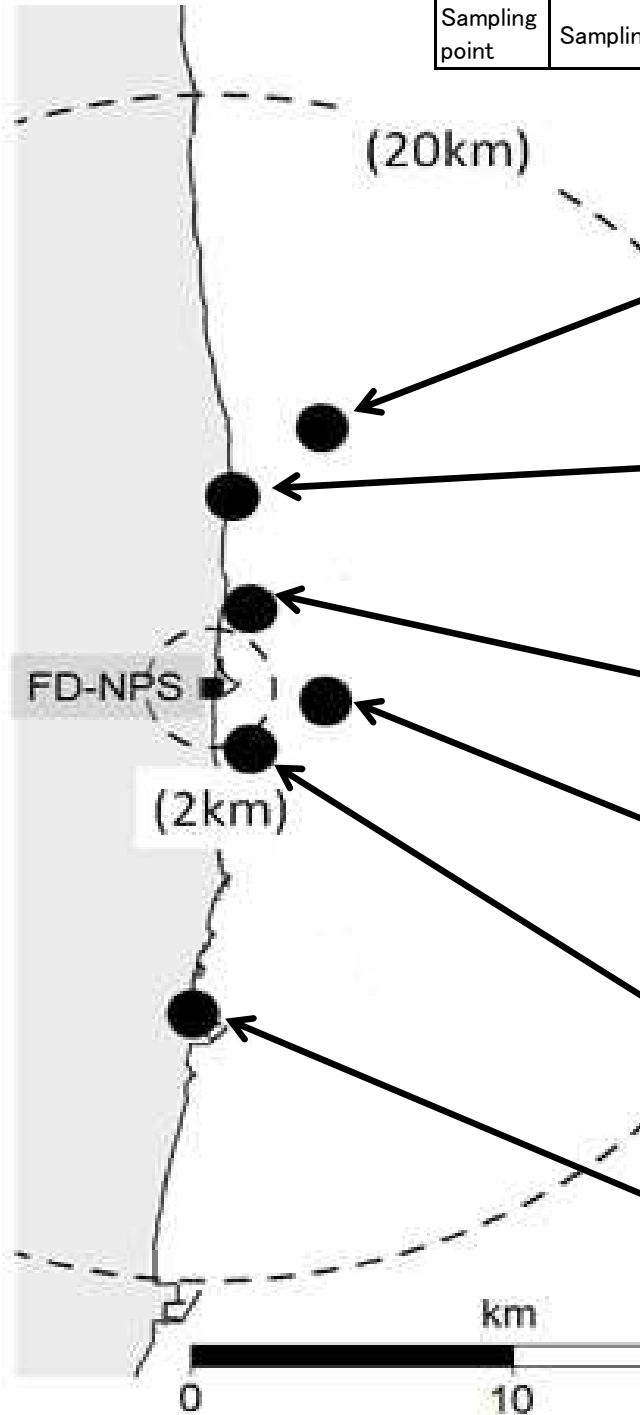
# Most recent radioactivity data of sea area between 2-20km from the NPS

Sampling point	Sampling Date	Cs-134	Cs-137	Gross $\beta$	H-3	Sr-90	Gross $\alpha$	Pu-238	Pu-239+240	S	S:2m below sea level
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Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

Gross  $\beta$  : including K-40

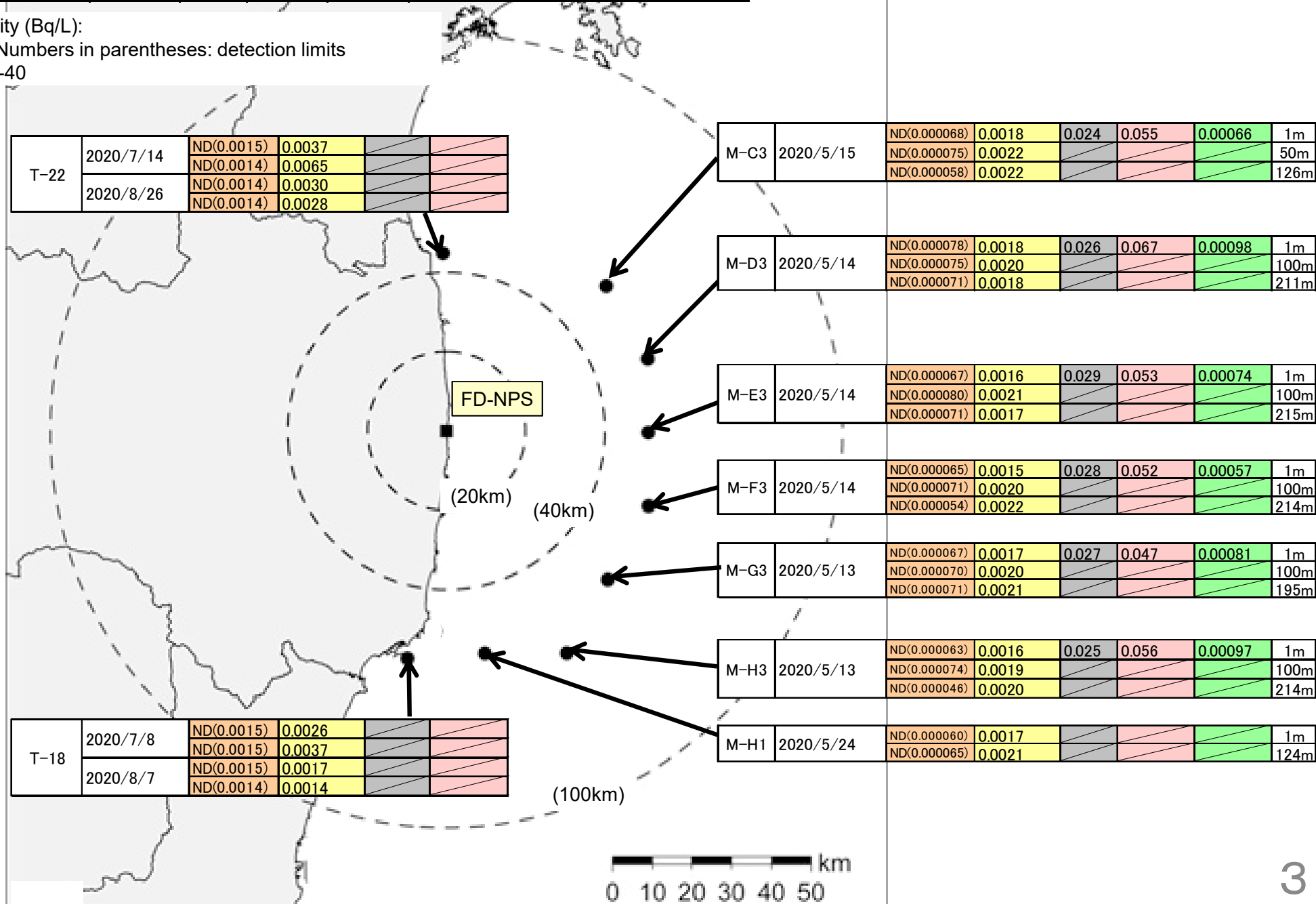


T-D1	2020/7/6	ND(0.0012)	0.0037	ND(15)	0.48	0.0015	ND(1.9)			S
	2020/8/3	ND(0.0014)	0.0044	ND(12)	ND(0.32)	0.00094	ND(1.8)			S
	2020/9/4	ND(0.0011)	0.0049							S
T-6	2020/7/7	0.0014	0.027	ND(12)	ND(0.33)					S
	2020/8/4	0.0014	0.023	ND(13)	ND(0.29)					S
	2020/9/1	0.0015	0.027	ND(12)	0.35					S
M-103	2020/6/13	ND(0.00025)	0.0042		0.078	0.00089				0.5m
	2020/7/9	0.0010	0.020		0.11	0.00084				0.5m
	2020/8/6	0.00044	0.0091							0.5m
T-D5	2020/7/6	ND(0.00098)	0.0041	ND(13)	0.45	0.00082	ND(1.9)			S
	2020/8/3	ND(0.0010)	0.0039	ND(14)	ND(0.32)	ND(0.00069)	ND(1.8)			S
	2020/9/4	ND(0.0013)	0.010							S
M-104	2020/6/12	0.00093	0.019		0.13	0.0014				0.5m
	2020/7/10	ND(0.00029)	0.0069		0.071	0.00083				0.5m
	2020/8/7	0.00050	0.0097							0.5m
T-3	2020/7/7	0.0016	0.031	ND(13)	ND(0.33)					S
	2020/8/4	0.0021	0.050	ND(13)	0.30					S
	2020/9/1	0.0029	0.052	ND(12)	0.41					S

# Most recent radioactivity data of sea area between 40-100km from the NPS

Sampling point	Sampling Date	Cs-134	Cs-137	Gross $\beta$	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: Not detected; Numbers in parentheses: detection limits  
 Gross  $\beta$ : excluding K-40



# Most recent radioactivity data of sea area along and off the coast of Miyagi Prefecture

S:2m below sea level B:2-3m above sea bottom

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

ND: Not detected; Numbers in parentheses: detection limits

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG1	2020/8/19	ND(0.0012)	0.0026	S
		ND(0.0013)	0.0015	B
	2020/9/10	ND(0.0013)	0.0016	S
		ND(0.0014)	0.0025	B

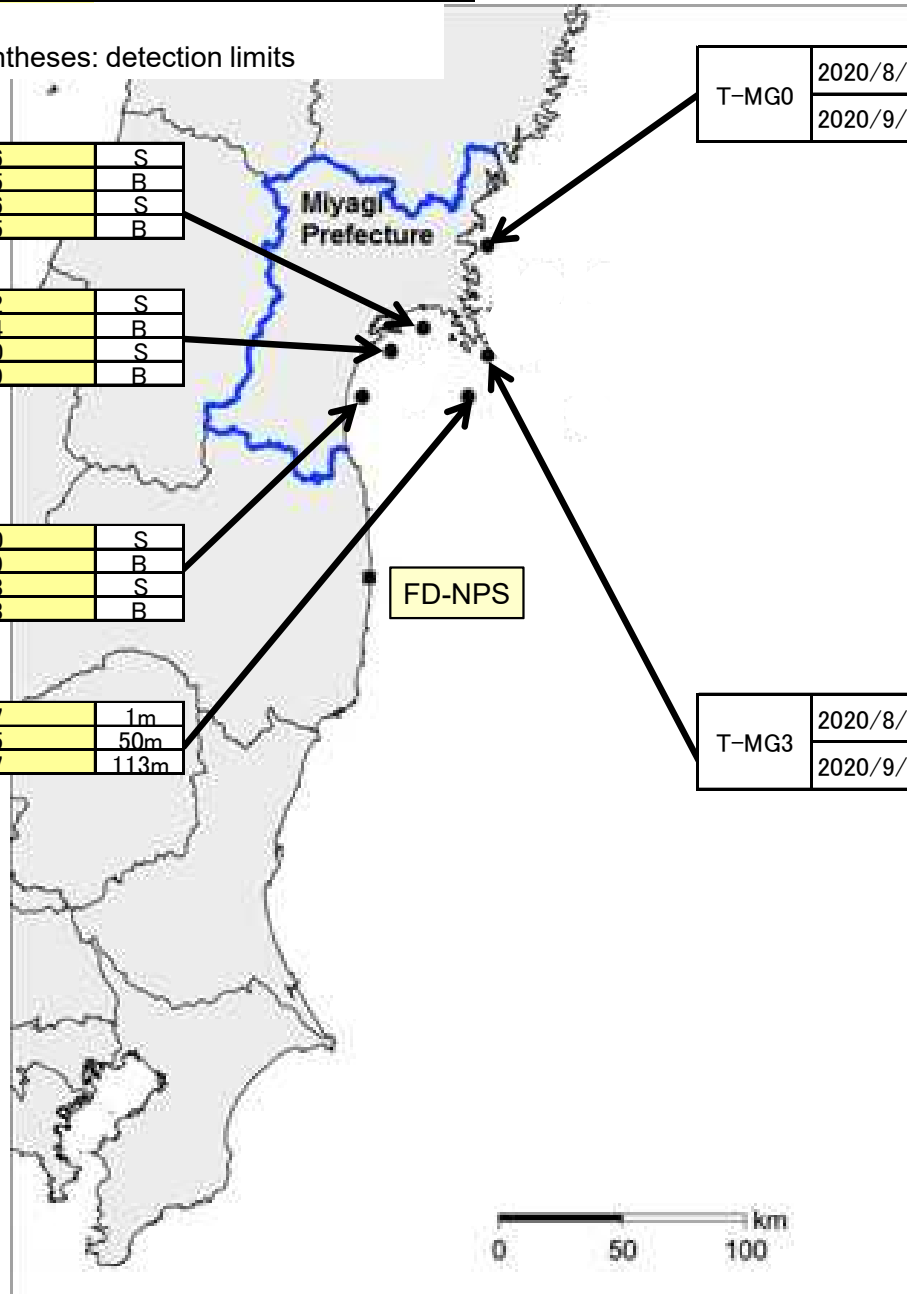
Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG4	2020/8/5	ND(0.0014)	0.0032	S
		ND(0.0013)	0.0024	B
	2020/9/11	ND(0.0014)	0.0020	S
		ND(0.0014)	0.0039	B

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG6	2020/8/5	ND(0.0014)	0.0030	S
		ND(0.0014)	0.0019	B
	2020/9/11	ND(0.0013)	0.0018	S
		ND(0.0013)	0.0053	B

Sampling point	Sampling Date	Cs-134	Cs-137	Depth(m)
M-B3	2020/5/10	ND(0.000085)	0.0027	1m
		ND(0.000083)	0.0015	50m
		ND(0.000061)	0.0017	113m

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG0	2020/8/5	ND(0.0014)	0.0014	S
		ND(0.0013)	0.0020	B
	2020/9/11	ND(0.0012)	0.0011	S
		ND(0.0015)	0.0017	B

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG3	2020/8/19	ND(0.0013)	0.0016	S
		ND(0.0014)	0.0014	B
	2020/9/10	ND(0.0014)	0.0022	S
		ND(0.0013)	0.0015	B



# Most recent radioactivity data of sea area along and off the coast of Ibaraki Pref. and Chiba Pref.

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
				S:2m below sea level B:2-3m above sea bottom
				Depth(m) from sea level

Sea water radioactivity (Bq/L):  
 ND: Not detected; Numbers in parentheses:detection limits

T-A	2020/8/5	ND(0.97)	ND(1.2)	S
		ND(0.74)	ND(1.1)	B
	2020/9/9	ND(0.81)	ND(1.1)	S
		ND(0.91)	ND(1.1)	B

T-B	2020/8/4	ND(0.97)	ND(1.1)	S
		ND(0.83)	ND(1.1)	B
	2020/9/8	ND(0.75)	ND(1.1)	S
		ND(0.94)	ND(1.1)	B

T-C	2020/8/5	ND(1.1)	ND(1.1)	S
		ND(0.94)	ND(1.1)	B
	2020/9/7	ND(0.87)	ND(1.2)	S
		ND(0.83)	ND(1.1)	B

T-D	2020/8/4	ND(1.1)	ND(0.98)	S
		ND(1.0)	ND(1.1)	B
	2020/9/8	ND(0.75)	ND(1.0)	S
		ND(0.83)	ND(1.1)	B

M-M1	2020/5/18	ND(0.000077)	0.0016	1m
		ND(0.000060)	0.0018	104m

M-I3	2020/5/24	ND(0.000061)	0.0016	1m
		ND(0.000055)	0.0017	100m
		ND(0.000066)	0.0020	168m

M-J3	2020/5/19	ND(0.000054)	0.0017	1m
		ND(0.000062)	0.0019	100m
		ND(0.000038)	0.00062	546m

M-IB4	2020/5/22	ND(0.000068)	0.0017	1m
		ND(0.000065)	0.0019	110m

T-E	2020/8/3	ND(0.92)	ND(1.1)	S
		ND(0.87)	ND(1.1)	B
	2020/9/9	ND(1.0)	ND(1.2)	S
		ND(0.94)	ND(1.2)	B

M-L1	2020/5/18	ND(0.000077)	0.0019	1m
		ND(0.000067)	0.0018	39m

