

Sea Area Monitoring

January 25, 2019

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 β	H-3	Sr-90	Gross α	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 β : including K-40 * 2 : Gross β : excluding K-40

T-1	2018/11/5	0.022	0.25	/	/	0.0063	ND(2.2)	/	/
	2018/12/3	0.011	0.13	/	/	0.0035	ND(2.2)	/	/
M-101	2018/9/14	0.015	0.15	/	0.36	0.011	/	/	/
	2018/10/11	0.0014	0.016	/	0.10	/	/	/	/
F-P03	2018/8/19	0.003	0.045	0.03 ^{*2}	ND(0.35)	0.0012	/	ND(6×10^{-6})	ND(6×10^{-6})
	2018/9/13	0.031	0.34	0.03 ^{*2}	0.66	0.013	/	ND(6×10^{-6})	8×10^{-6}
F-P01	2018/8/19	ND(0.003)	0.011	0.02 ^{*2}	ND(0.36)	0.0010	/	ND(7×10^{-6})	ND(6×10^{-6})
	2018/9/13	0.002	0.022	0.03 ^{*2}	ND(0.35)	0.0013	/	ND(8×10^{-6})	ND(7×10^{-6})
T-2	2018/11/5	0.0028	0.034	/	/	0.0036	ND(1.9)	/	/
	2018/12/3	0.0016	0.017	/	/	0.0023	ND(2.2)	/	/

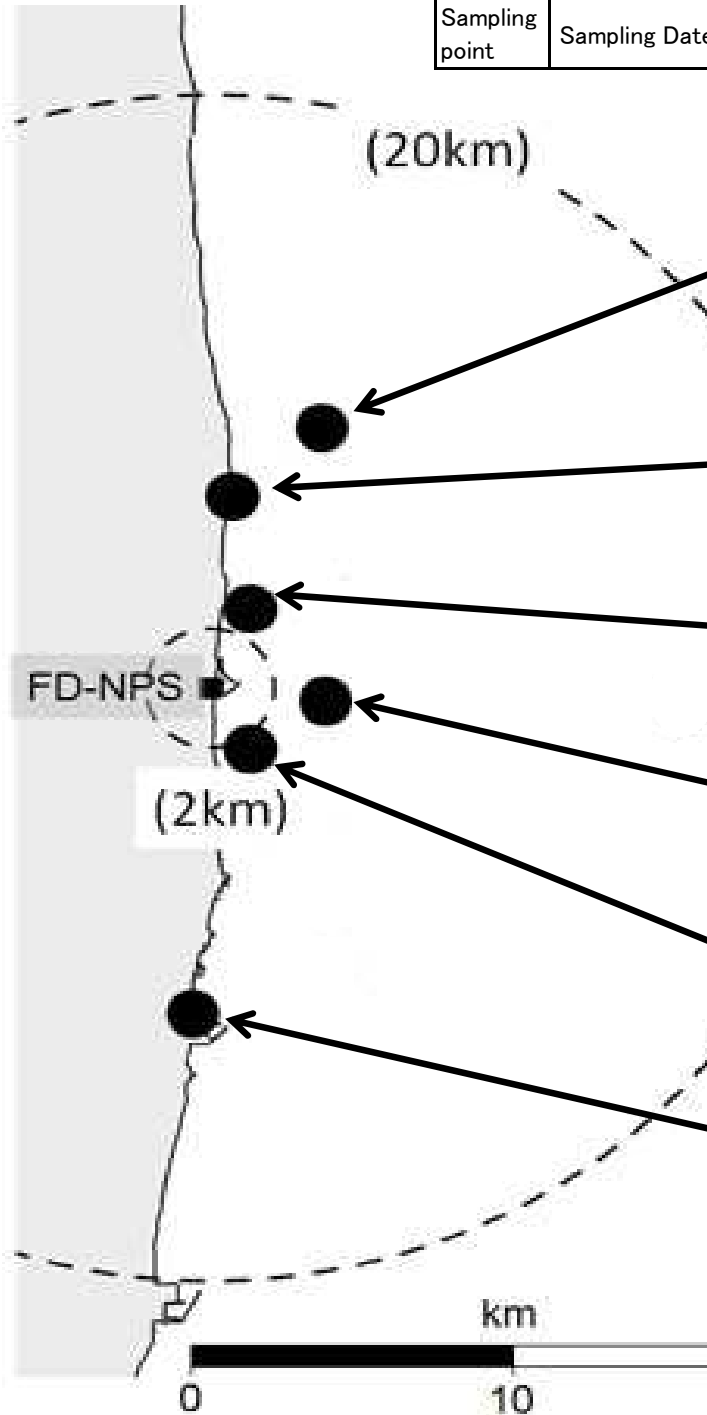
Fukushima
Daichi-NPS

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 β	H-3	Sr-90	Gross α	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 β : including K-40



T-D1	2018/10/15	ND(0.0013)	0.0053	ND(15)	ND(0.35)						S
	2018/11/5	ND(0.0010)	0.0041	ND(16)	ND(0.35)	0.0013	ND(2.2)				S
	2018/11/19	ND(0.0013)	0.0048	ND(17)	ND(0.33)						S
T-6	2018/10/16	0.0022	0.031	ND(18)	0.50						S
	2018/11/6	0.0016	0.014	ND(14)	0.36						S
	2018/11/20	0.0022	0.019		0.41						S
M-103	2018/8/30	0.0010	0.0098		0.10	0.00099					0.5m
	2018/9/14	0.0026	0.032		0.14	0.0022					0.5m
	2018/10/11	0.0010	0.011		0.077						0.5m
T-D5	2018/10/15	ND(0.0012)	0.0059	ND(15)	ND(0.35)						S
	2018/11/5	ND(0.0013)	0.0055	ND(16)	ND(0.35)	0.0019					S
	2018/11/19	ND(0.0013)	0.0044	ND(17)	ND(0.33)						S
M-104	2018/8/29	0.00092	0.011		0.11	0.0010					0.5m
	2018/9/13	0.0013	0.018		0.13	0.0010					0.5m
	2018/10/12	0.0077	0.0098		0.081						0.5m
T-3	2018/10/16	0.0019	0.026	ND(18)	ND(0.28)						S
	2018/11/6	0.0023	0.026	ND(16)	ND(0.28)						S
	2018/11/20	0.0024	0.027	ND(15)	ND(0.28)						S

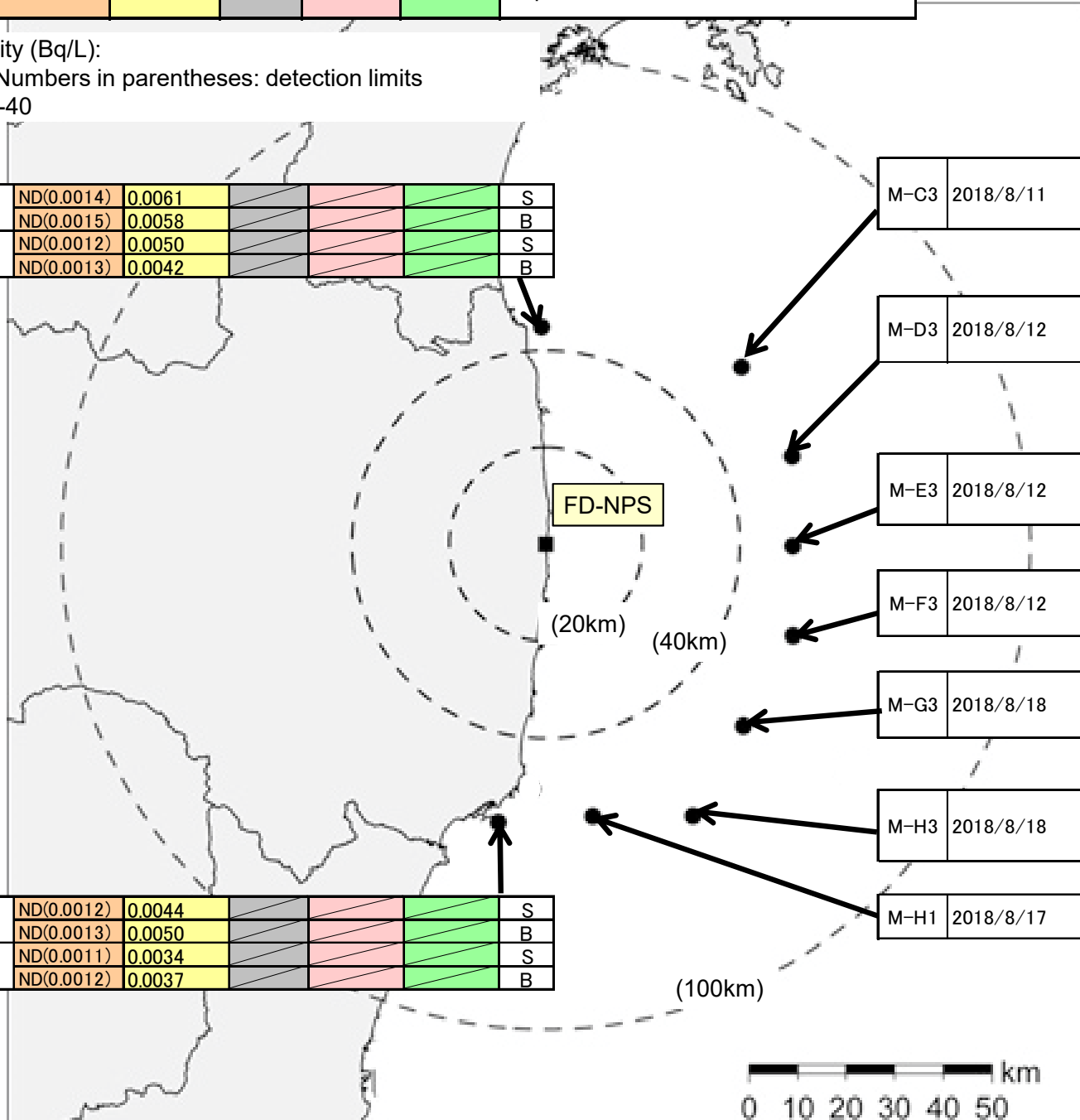
Most recent radioactivity data of sea area between 40-100km from the NPS

Sampling point	Sampling Date	Cs-134	Cs-137	Gross 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: Not detected; Numbers in parentheses: detection limits

Gross β : excluding K-40



T-22	2018/10/4	ND(0.0014)	0.0061				S
		ND(0.0015)	0.0058				B
	2018/11/16	ND(0.0012)	0.0050				S
		ND(0.0013)	0.0042				B

M-C3	2018/8/11	0.00012	0.0019	0.027	0.057	0.00096	1m
		ND(0.000082)	0.0018				50m
		0.000083	0.0021				123m

M-D3	2018/8/12	ND(0.000077)	0.0019	0.029	0.056	0.0010	1m
		ND(0.000080)	0.0020				100m
		ND(0.000067)	0.0015				214m

M-E3	2018/8/12	ND(0.000080)	0.0020	0.032	0.065	0.00096	1m
		0.000091	0.0020				100m
		0.000083	0.0015				216m

M-F3	2018/8/12	0.000070	0.0019	0.031	0.062	0.00098	1m
		0.00010	0.0020				100m
		0.000091	0.0017				220m

M-G3	2018/8/18	0.00011	0.0019	0.032	0.056	0.00098	1m
		ND(0.000083)	0.0019				100m
		ND(0.000082)	0.0017				196m

M-H3	2018/8/18	0.000090	0.0019	0.033	0.050	0.0010	1m
		0.00013	0.0020				100m
		0.000085	0.0018				218m

T-18	2018/10/5	ND(0.0012)	0.0044				S
		ND(0.0013)	0.0050				B
	2018/11/1	ND(0.0011)	0.0034				S
		ND(0.0012)	0.0037				B

M-H1	2018/8/17	0.00017	0.0033				1m
		0.00011	0.0024				122m

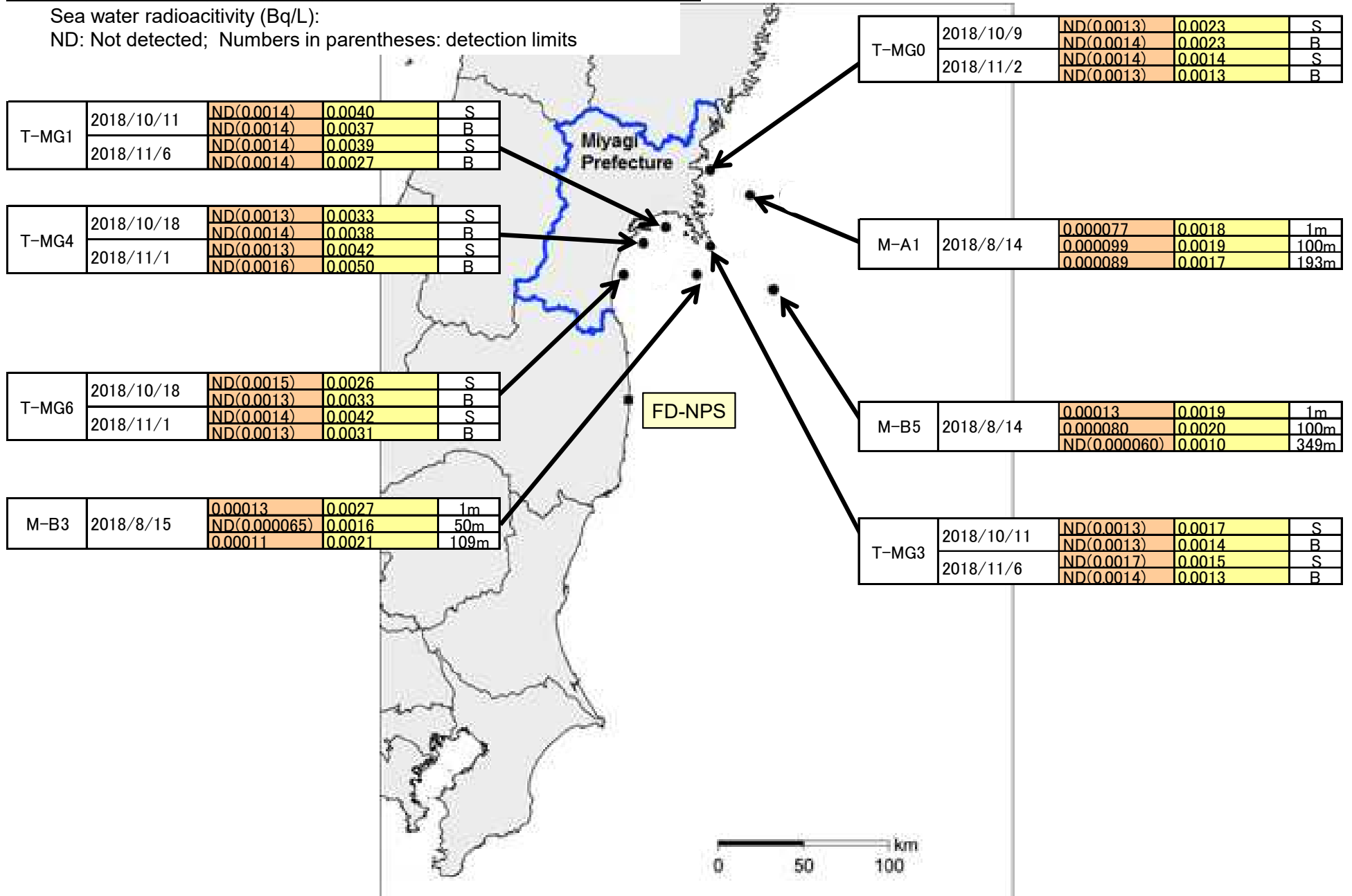


Most recent radioactivity data of sea area along and off the coast of Miyagi Prefecture

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



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
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Ibaraki Pref. and Chiba Pref.

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

T-A	2018/11/12	ND(0.74)	ND(0.80)	S
		ND(0.64)	ND(0.85)	B
	2018/12/13	ND(0.57)	ND(1.0)	S
		ND(0.70)	ND(1.0)	B

T-B	2018/11/16	ND(1.0)	ND(1.1)	S
		ND(0.83)	ND(1.1)	B
	2018/12/11	ND(1.0)	ND(1.1)	S
		ND(0.80)	ND(1.1)	B

T-C	2018/11/15	ND(0.96)	ND(1.2)	S
		ND(0.79)	ND(1.1)	B
	2018/12/13	ND(0.75)	ND(1.1)	S
		ND(0.84)	ND(1.1)	B

T-D	2018/11/16	ND(0.91)	ND(1.1)	S
		ND(0.79)	ND(1.2)	B
	2018/12/11	ND(0.97)	ND(1.0)	S
		ND(1.0)	ND(1.1)	B

M-M1	2018/8/3	ND(0.000079)	0.0016	1m
		0.000077	0.0020	102m

M-I3	2018/8/17	0.00016	0.0033	1m
		ND(0.000074)	0.0019	100m
		0.00013	0.0021	165m

M-J3	2018/8/4	0.00011	0.0022	1m
		0.000083	0.0020	100m
		ND(0.000045)	0.00061	551m

M-IB4	2018/8/4	0.00015	0.0024	1m
		0.000095	0.0021	112m

T-E	2018/11/15	ND(0.74)	ND(0.98)	S
		ND(0.87)	ND(1.1)	B
	2018/12/10	ND(0.97)	ND(1.2)	S
		ND(0.88)	ND(1.2)	B

M-L1	2018/8/3	ND(0.000090)	0.0018	1m
		0.00016	0.0024	35m

