

Readings of Sea Area Monitoring at Post Out of Fukushima Dai-ichi NPP

May 7, 2011
Ministry of Education, Culture, Sports, Science and Technology
(MEXT)

1. Radioactivity Concentration Undersea

Sampling Point ^{※1}	Sampling Time and Date	Radioactivity Concentration ^{※3} (Bq / L)								
		Outer Layer			Middle Layer ^{※2}			Lower Layer ^{※2}		
		I-131	Cs-134	Cs-137	I-131	Cs-134	Cs-137	I-131	Cs-134	Cs-137
【S-2】	2011/5/5 5:40	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable
【B】	2011/5/5 6:21	Not detectable	Not detectable	Not detectable	Not detectable	11.4	18.3	Not detectable	Not detectable	10.0
【2】	2011/5/5 7:52	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable
【4】	2011/5/5 9:14	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable
【6】	2011/5/5 10:29	Not detectable	14.3	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable
【8】	2011/5/5 11:48	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	12.1	Not detectable	Not detectable	Not detectable
【10】	2011/5/5 13:23	Not detectable	Not detectable	10.7	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	12.6
【S-4】	2011/5/5 14:28	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable

※1 Seawater is collected at 8 points below .The character enclosed in parentheses (Ex. 【1】) indicates monitoring points on Page 2.

※2 The water depths of the middle layer and the lower layer are shown in the table on the second page.

※3 The detection limits for radioactivity concentration in sea water are approximately 10 Bq/L for both iodine and cesium.

2. Air dose rate over the Sea

Sampling Point ^{※1}	Sampling Time and Date	Reading (μ Sv/h) ^{※2}	Weather
【S-2】	2011/5/5 5:40	0.011	No rain
【B】	2011/5/5 6:21	0.013	No rain
【2】	2011/5/5 7:52	0.014	No rain
【4】	2011/5/5 9:14	0.013	No rain
【6】	2011/5/5 10:29	0.011	No rain
【8】	2011/5/5 11:48	0.010	No rain
【10】	2011/5/5 13:23	0.010	No rain
【S-4】	2011/5/5 14:28	0.011	No rain

※1 Seawater is collected at 8 points below .The character enclosed in parentheses (Ex. 【1】) indicates monitoring points on Page 2.

※2 Type of detector : CsI(Tl) scintillation detector (PDR-101, ALOKA)

3. Reading of Radioactivity Concentration in dust over the Sea

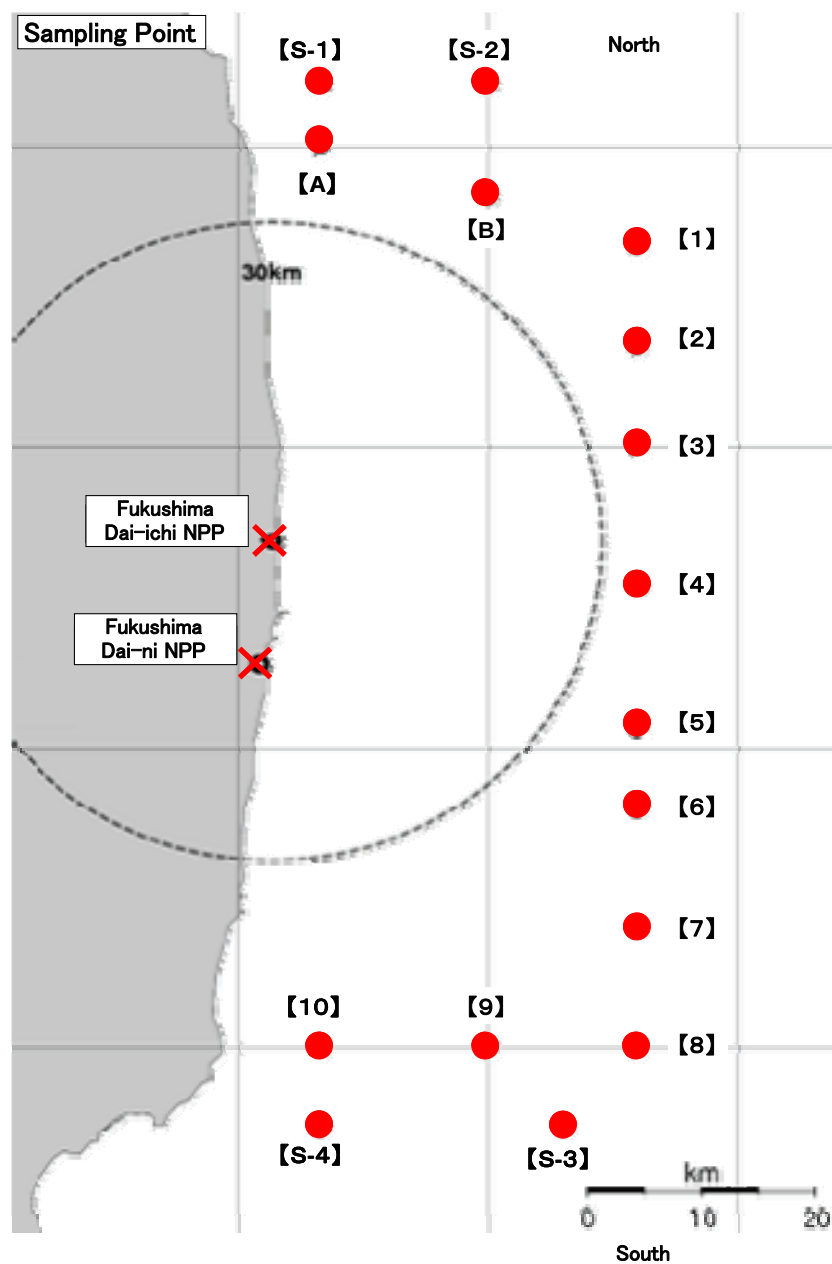
Sampling Point ^{※1}	Sampling Time and Date	Radioactivity Concentration ^{※2} (Bq / m ³)		
		I-131	Cs-134	Cs-137
【B】	2011/5/5 6:21	Not detectable	Not detectable	Not detectable
【2】	2011/5/5 7:52	Not detectable	Not detectable	Not detectable
【4】	2011/5/5 9:14	Not detectable	Not detectable	Not detectable
【6】	2011/5/5 10:29	Not detectable	Not detectable	Not detectable
【8】	2011/5/5 11:48	Not detectable	Not detectable	Not detectable
【10】	2011/5/5 13:23	Not detectable	Not detectable	Not detectable

※1 Seawater is collected at 6 points below .The character enclosed in parentheses (Ex. 【1】) indicates monitoring points on Page 2.

※2 The detection limits for radioactivity concentration in dust are approximately 0.5 Bq/m³ for iodine and approximately 3 Bq/m³ for cesium.

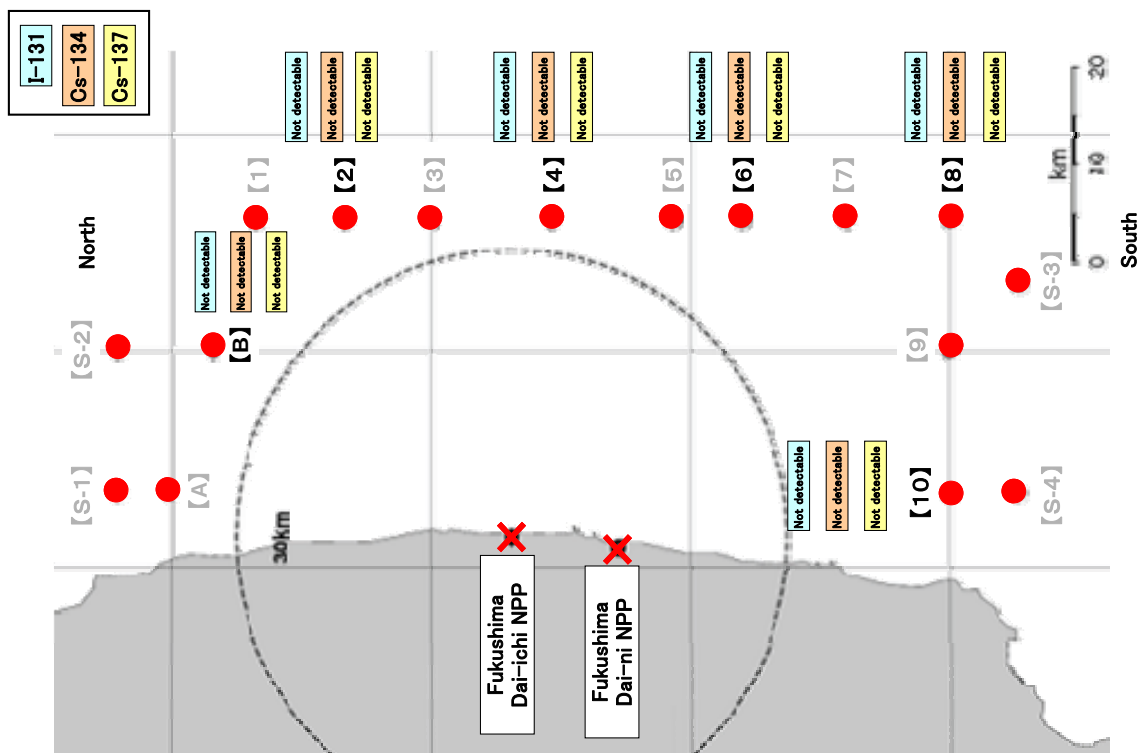
Each sampling point is indicated below

Sampling Point	Latitude, Longitude	Sampling depth in middle layer	Sampling depth in lower layer
【S-2】	37° 48.2' N, 141° 15.1' E	30 m	47 m
【B】	37° 42.4' N, 141° 15.0' E	30 m	50 m
【2】	37° 35.0' N, 141° 23.9' E	65 m	119 m
【4】	37° 22.9' N, 141° 23.9' E	71 m	125 m
【6】	37° 11.9' N, 141° 24.0' E	76 m	141 m
【8】	36° 59.9' N, 141° 24.1' E	90 m	172 m
【10】	37° 00.0' N, 141° 04.9' E	45 m	82 m
【S-4】	36° 56.5' N, 141° 05.0' E	54 m	103 m

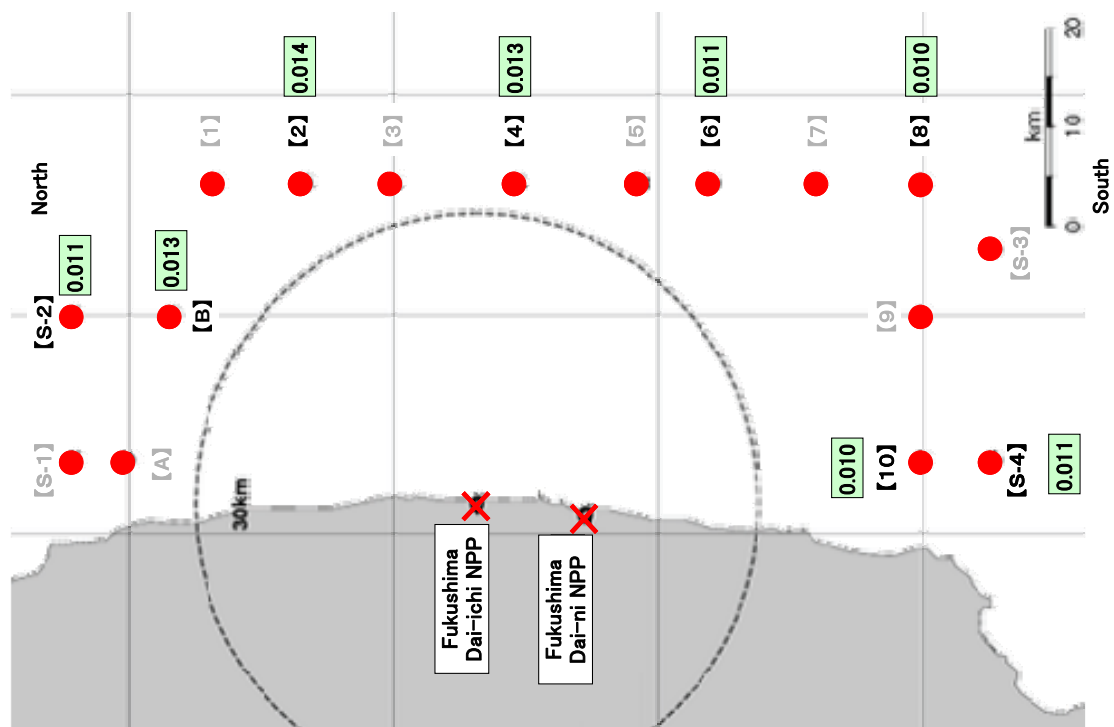


The readings of temperatures and salinity levels of seawater at the measurement points are put on the websites of JAMSTEC below.
<http://www.godac.jamstec.go.jp/monitoringdata/>

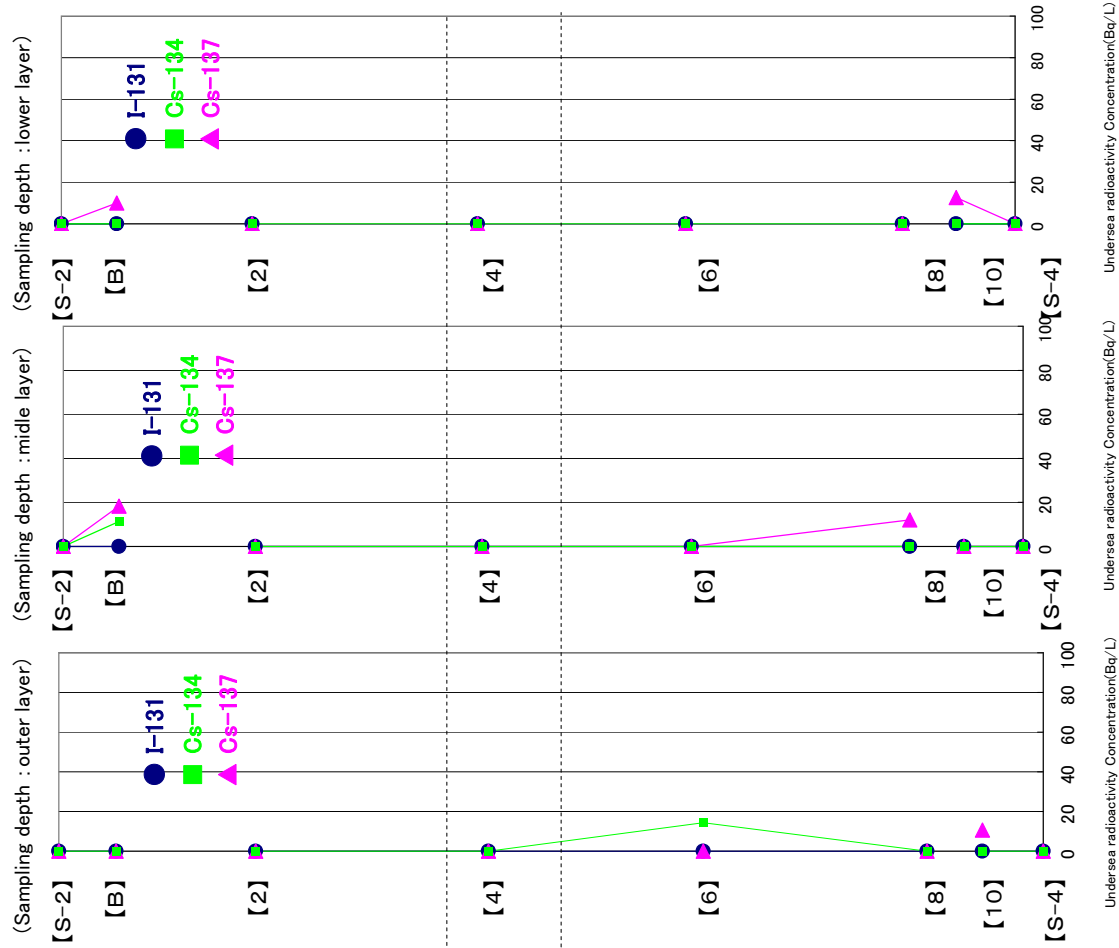
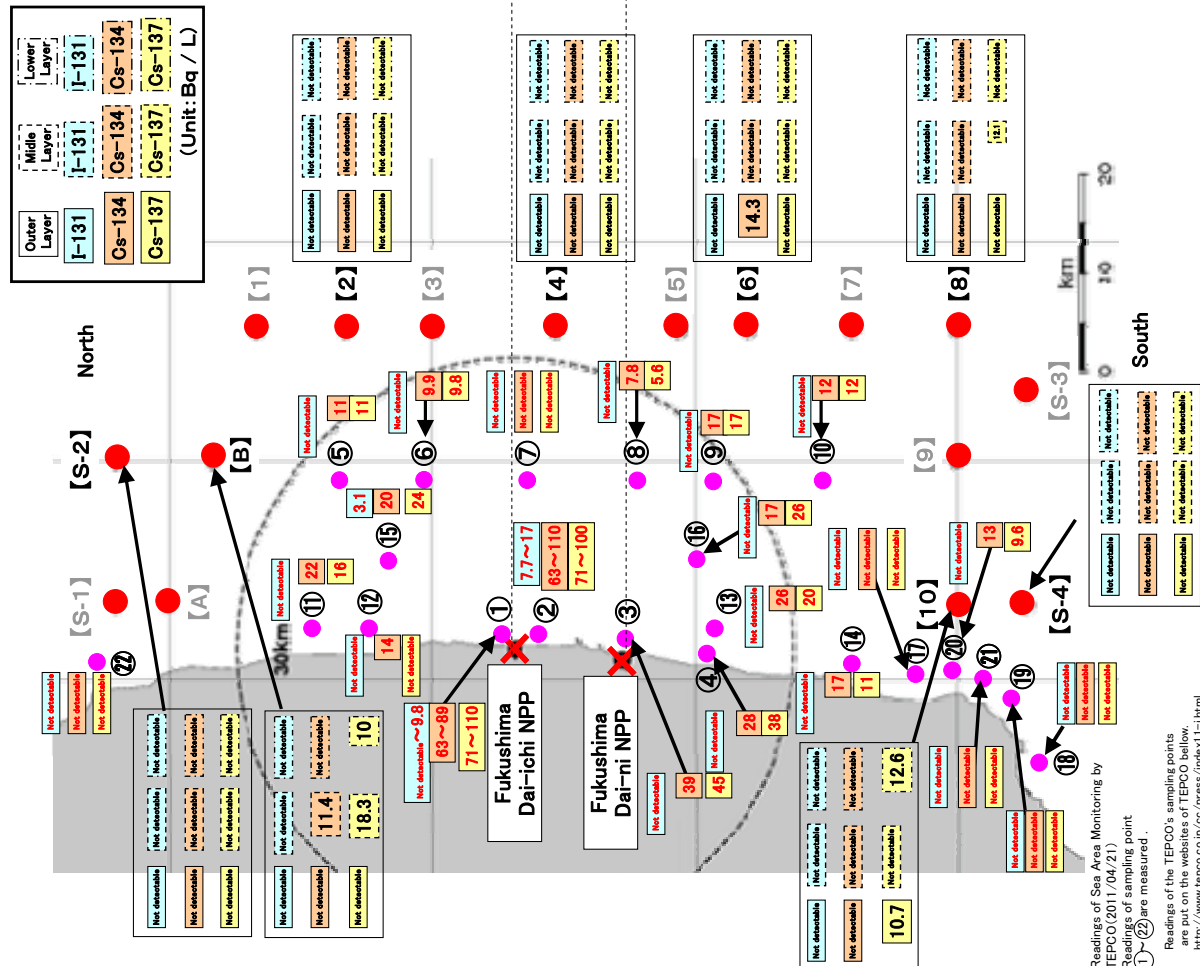
Reading of Radioactivity Concentration in dust over the Sea (Unit: Bq / m³)



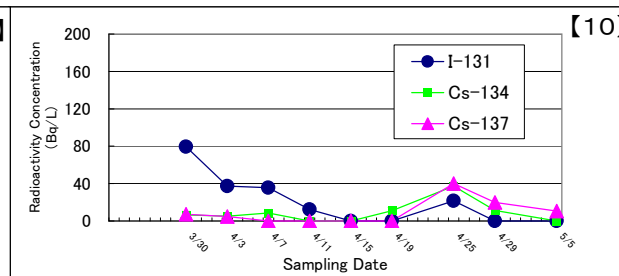
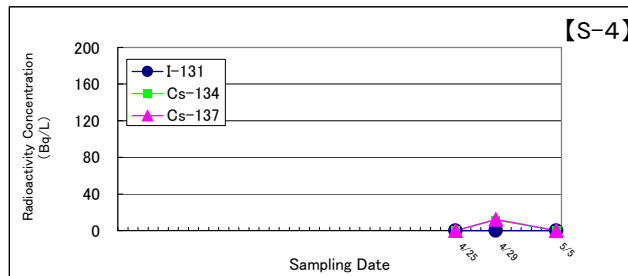
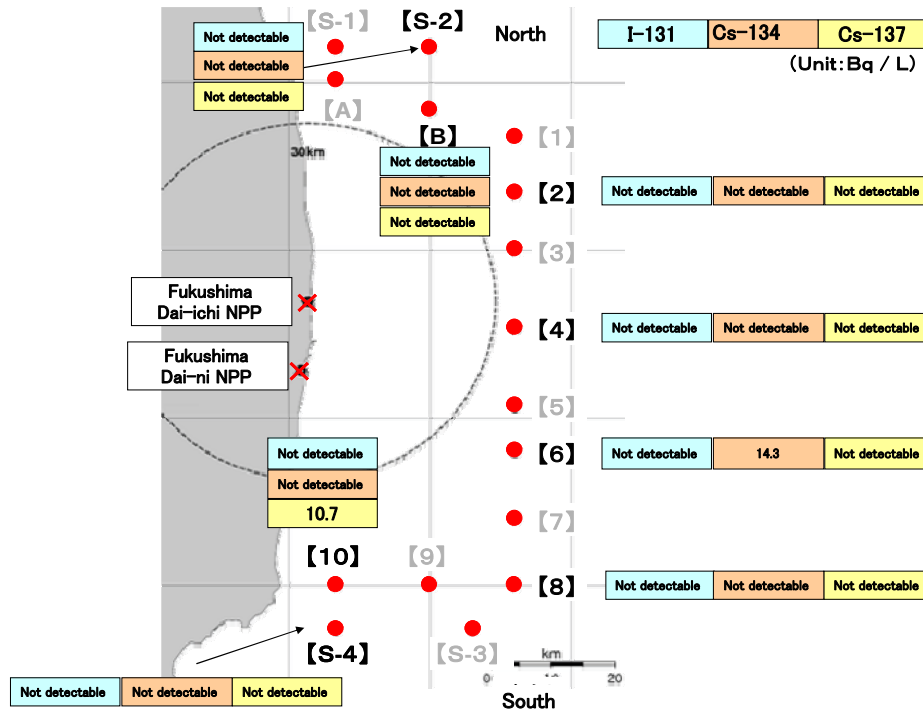
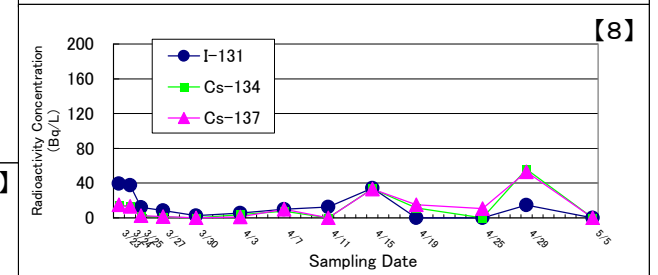
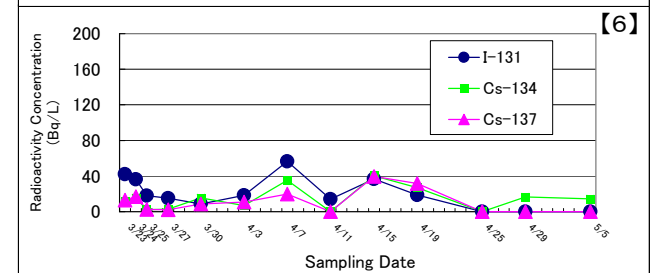
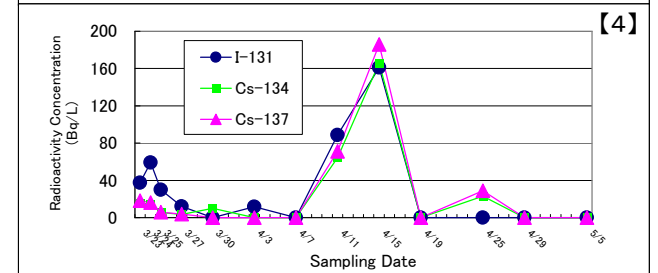
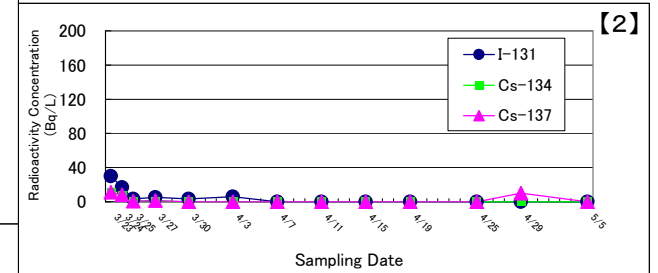
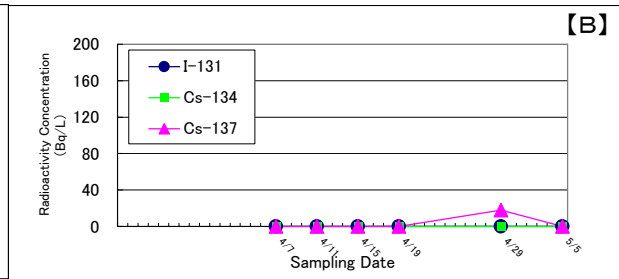
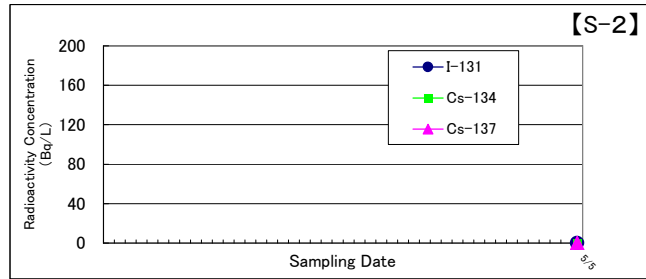
Air dose rate over the Sea (Unit: μ Sv / h)



Readings of Sea Area Monitoring May 5, 2011

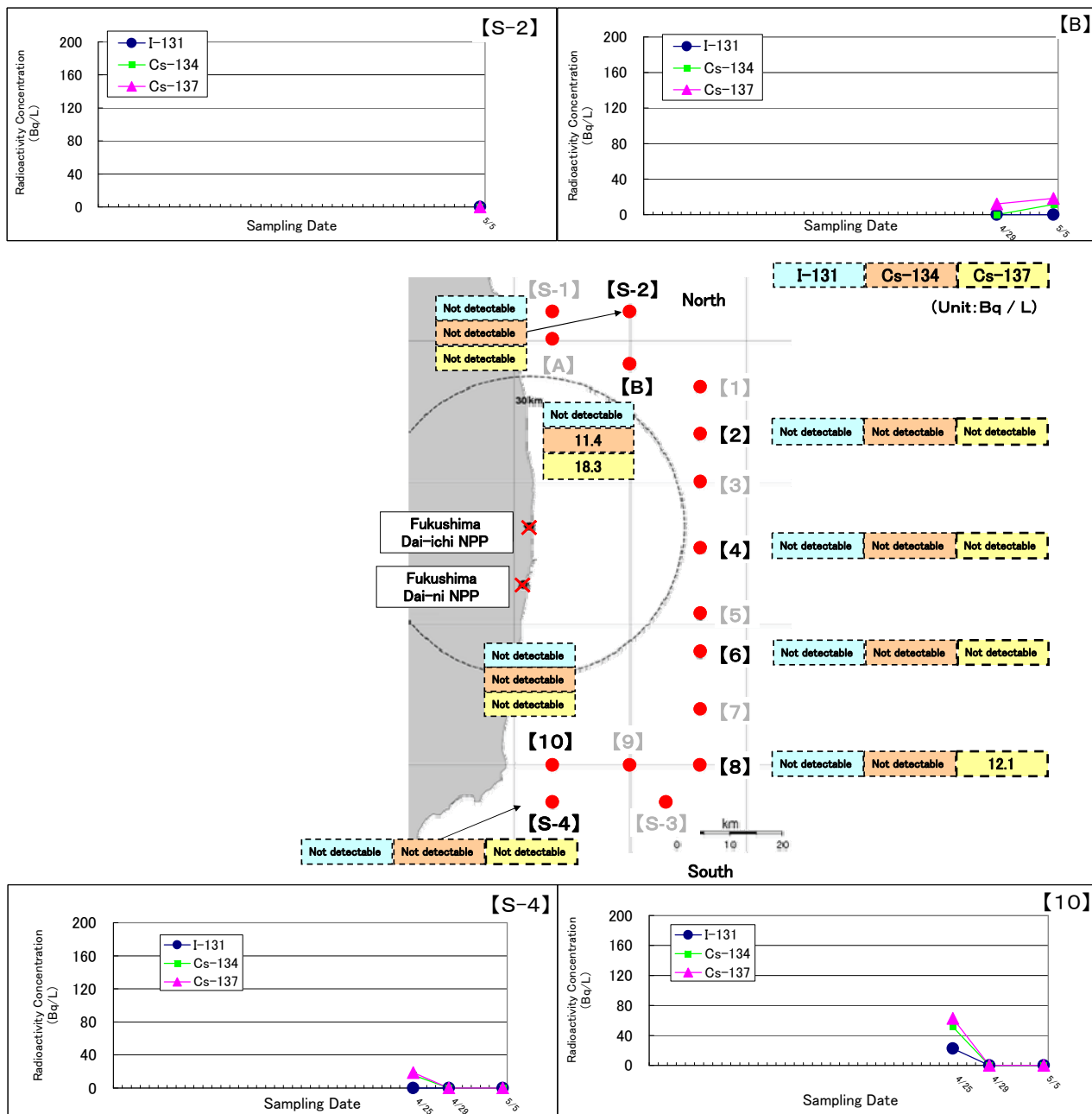


Readings of Sea Area Monitoring at Post Out of Fukushima Dai-ichi NPP
Result of Radioactivity Concentration in the Sea (outer layer)



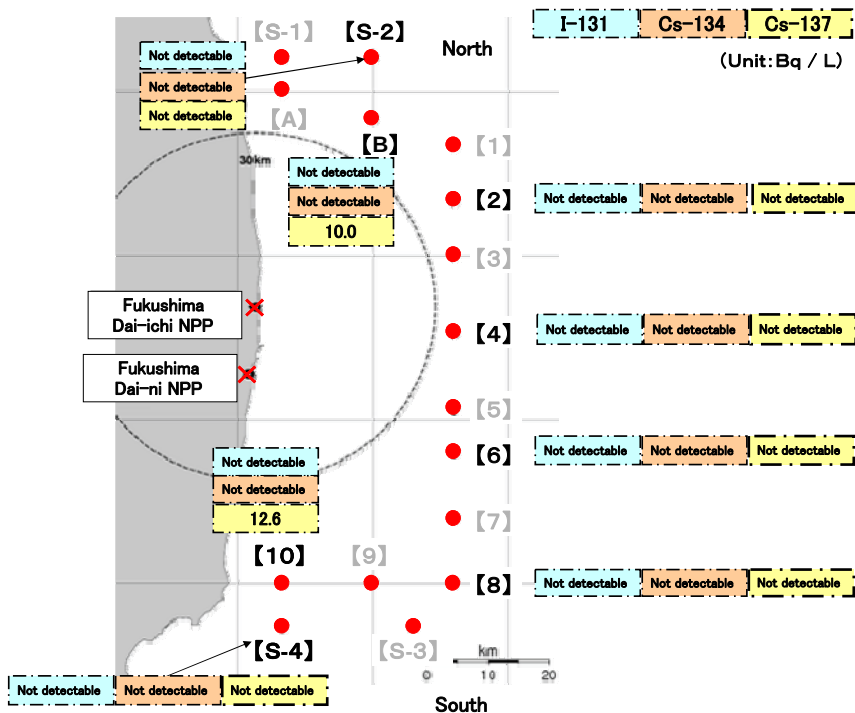
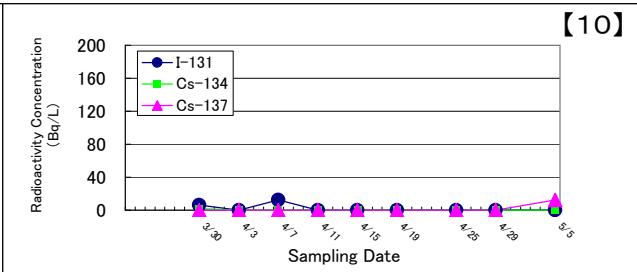
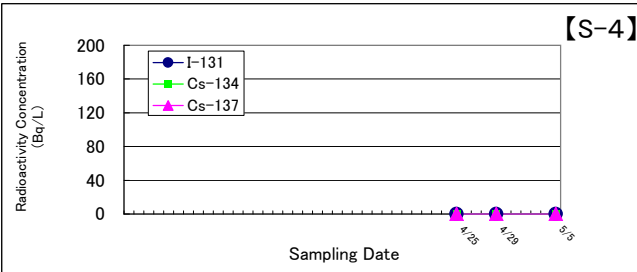
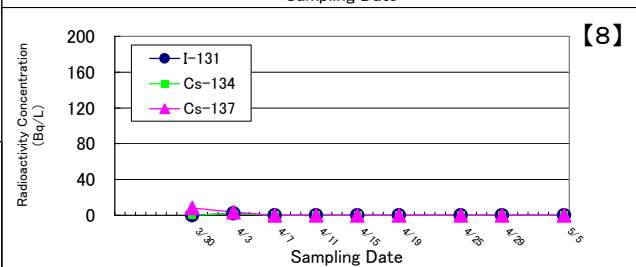
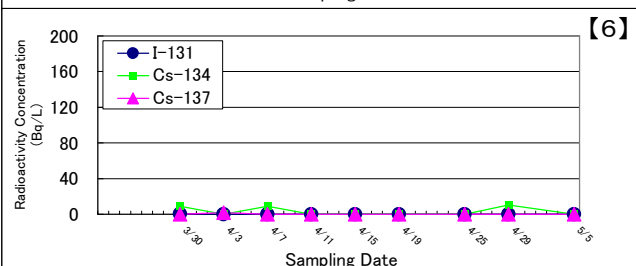
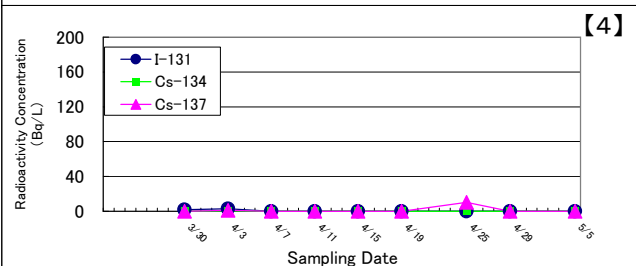
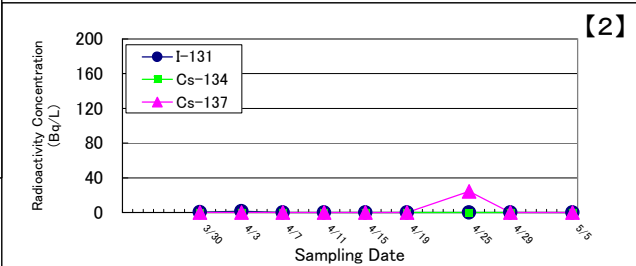
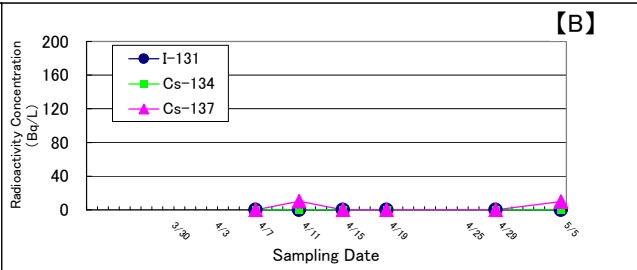
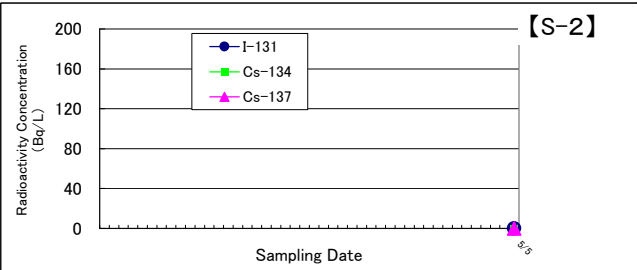
Note: "Not Detectable" is illustrated as 0Bq/L.

Readings of Sea Area Monitoring at Post Out of Fukushima Dai-ichi NPP
Result of Radioactivity Concentration in the Sea (middle layer)



Note: "Not Detectable" is illustrated as 0Bq/L.

Readings of Sea Area Monitoring at Post Out of Fukushima Dai-ichi NPP Result of Radioactivity Concentration in the Sea (lower layer)



Note: "Not Detectable" is illustrated as OBq/L.