

## Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 1/2 >

(Data summarized on June 29)

Name of Sample (Region)	Place of Sampling ( Place No. )	Date of Sampling	Radioactivity Density[Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total
Greenling (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Jun 14, 2012	18	32	50
Lepidotrigla microptera (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Jun 14, 2012	4.9	13	17.9
Lophius litilon (Whole)	Around 15km Offshore of Odaka Ward (T-B1)	Jun 14, 2012	12	19	31
Microstomus achne (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Jun 14, 2012	14	31	45
Flatfish (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Jun 14, 2012	7.9	16	23.9
Common horse mackerel (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Jun 14, 2012	5.1	8.6	13.7
Octopus (Enteroctopus dofleini) (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Jun 14, 2012	ND	ND	ND
Chestnutoctopus (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Jun 14, 2012	ND	ND	ND
Greenling (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	Jun 14, 2012	6.1	9.3	15.4
Lepidotrigla microptera (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	Jun 14, 2012	13	18	31

\* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.

Cs-134: Approx. 4.6Bq/kg (Raw), Cs-137: Approx. 4.4Bq/kg (Raw).

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

\* Standard Value (after April 1, 2012) Cs-134+Cs-137: 100Bq/kg

\* Analyzed by Tokyo Electric Power Environmental Engineering Co., Inc.

**Nuclide Analysis Results of Fish and Shellfish**  
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 2/2 >

(Data summarized on June 29)

Name of Sample (Region)	Place of Sampling ( Place No. )	Date of Sampling	Radioactivity Density[Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total
Lophius litilon (Whole)	Around 18km Offshore of Ukedo River (T-B2)	Jun 14, 2012	5.8	8.7	14.5
Sea raven (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	Jun 14, 2012	16	27	43
Loliginid (Whole)	Around 18km Offshore of Ukedo River (T-B2)	Jun 14, 2012	ND	ND	ND
Microstomus achne (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	Jun 14, 2012	16	27	43
Flatfish (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	Jun 14, 2012	10	21	31
Common horse mackerel (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	Jun 14, 2012	4.8	5.9	10.7
Littlemouth flounder (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	Jun 14, 2012	5.2	8.3	13.5
Marbled sole (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	Jun 14, 2012	53	82	135
Chestnutoctopus(Muscle)	Around 18km Offshore of Ukedo River (T-B2)	Jun 14, 2012	ND	ND	ND

\* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.

Cs-134: Approx. 4.4Bq/kg (Raw), Cs-137: Approx. 4.8Bq/kg (Raw).

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

\* Standard Value (after April 1, 2012) Cs-134+Cs-137: 100Bq/kg

\* Analyzed by Tokyo Electric Power Environmental Engineering Co., Inc.

## Sample Photos of Fish and Shellfish (June 14, 2012)

Sampling locations: Around 15km Offshore of Odaka Ward (T-B1), Around 18km Offshore of Ukedo River (T-B2)

1. Greenling



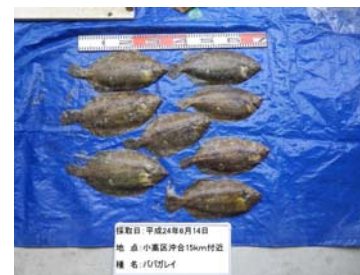
2. Lepidotrigla microptera



3. Lophius litilon



4. Microstomus achne



5. Flatfish



6. Common horse mackerel



7. Octopus (Enteroctopus) dofleini



8. Chestnut octopus



9. Sea raven



10. Loliginid



11. Littlemouth flounder



12. Marbled sole

