

Enhancement of Sea Area Monitoring

April 5, 2011

Ministry of Education, Culture, Sports Science and Technology

MEXT would implement following ① and ② to get basic data of seastate and figure out the effect by coastal current, and would reflect to the forecast of radioactive material's diffusion and dilution.

① Installation of Monitoring Buoys

We installate 5 monitoring buoys("Automatic elevator floating buoy") near sampling points, that is indispensable to get basic data of seastate (Ex.seawater temperature, salinity levels) and figure out water mass property (Ex.current direction, flow velocity).

② Addition of Sampling Points

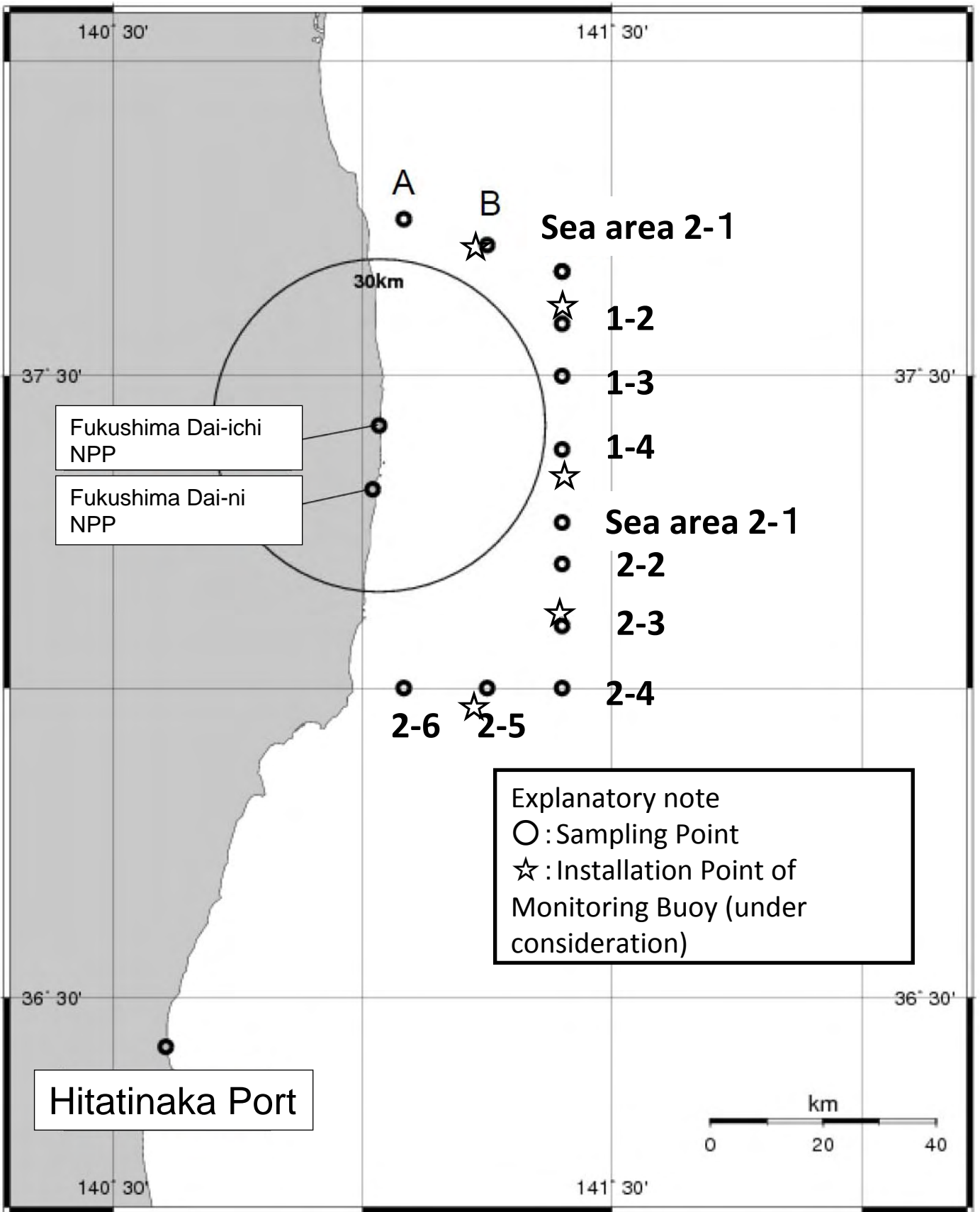
2 sampling points (See Exhibit"Point A and B") would be added to get data on the cites which is highly affected by coastal current.

(Referance)

Sea Area Monitoring Action Plan on April

In April, we collect samples on odd days, analyse and publish the results on even days.The following 2 sampling pattern would be conducted alternately.

- 1) Sampling PointA → Sea Area1 Sampling Point1 → Sea Area1 Sampling Point3 →
Sea Area2 Sampling Point1 → Sea Area2 Sampling Point 3 → Sea Area2 Sampling Point5
- 2) Sampling PointB → Sea Area 1 Sampling Point 2 → Sea Area1 Sampling Point4 →
Sea Area2 Sampling Point2 → Sea Area2 Sampling Point4 → Sea Area2 Sampling Point6



Fukushima Dai-ichi NPP

Fukushima Dai-ni NPP

Hitatinaka Port

Sea area 2-1

☆ 1-2

○ 1-3

○ 1-4

☆

Sea area 2-1

○ 2-2

☆ 2-3

○ 2-4

○ 2-6 ☆ 2-5

Explanatory note
 ○ : Sampling Point
 ☆ : Installation Point of Monitoring Buoy (under consideration)

