Table 3
Dates and times (Hawaii Standard Time, local time) of the beginning and end of R/V *Wecoma* sampling operations during transects (see Fig. 12) and time series stations inside ("IN Stations") and outside ("OUT Stations') of E-Flux III

Operation	Beginning date (2005)	Beginning time (HST)	Ending date (2005)	Ending time (HST)
Transect 1	Mar. 10	2005	Mar. 11	1641
Transect 2	Mar. 11	2310	Mar. 12	1023
Transect 3*	Mar. 13	0200	Mar. 14	0600
Transect 4	Mar. 14	1415	Mar. 15	0705
Transect 5	Mar. 15	1050	Mar. 15	2158
Transect 6	Mar. 22	1355	Mar. 23	1025
IN Stations	Mar. 16	0040	Mar. 22	1000
OUT Stations	Mar. 23	2310	Mar. 27	1230

*Indicates the so-called "money run" transect which was the most intensively (more variables) sampled transect of the cruise.

Information concerning individual transects and stations within the eddy (IN-Stations) and outside the eddy (OUT-Stations) is summarized in Table 3. CTD/rosette sampling was done from near the surface to depths of 500, 1000, or 3000 m; Transect 3 was the most intensively sampled transect. The optics package also was deployed during some of the casts; however, discussion of these data is beyond the scope of this paper. The nominal spacing between stations was again about 16 km. Vertical transects of temperature, nitrate + nitrite concentrations, and chlorophyll *a* concentrations collected during Transect 3 of E-Flux III are shown in Fig. 13. We attempted to sample each section as rapidly as possible because of synopticity considerations and movement of the feature, but some error has been unavoidably introduced. From the density structure, it was possible to obtain a second estimate of the dimension of the eddy. The radial extent of the eddy was

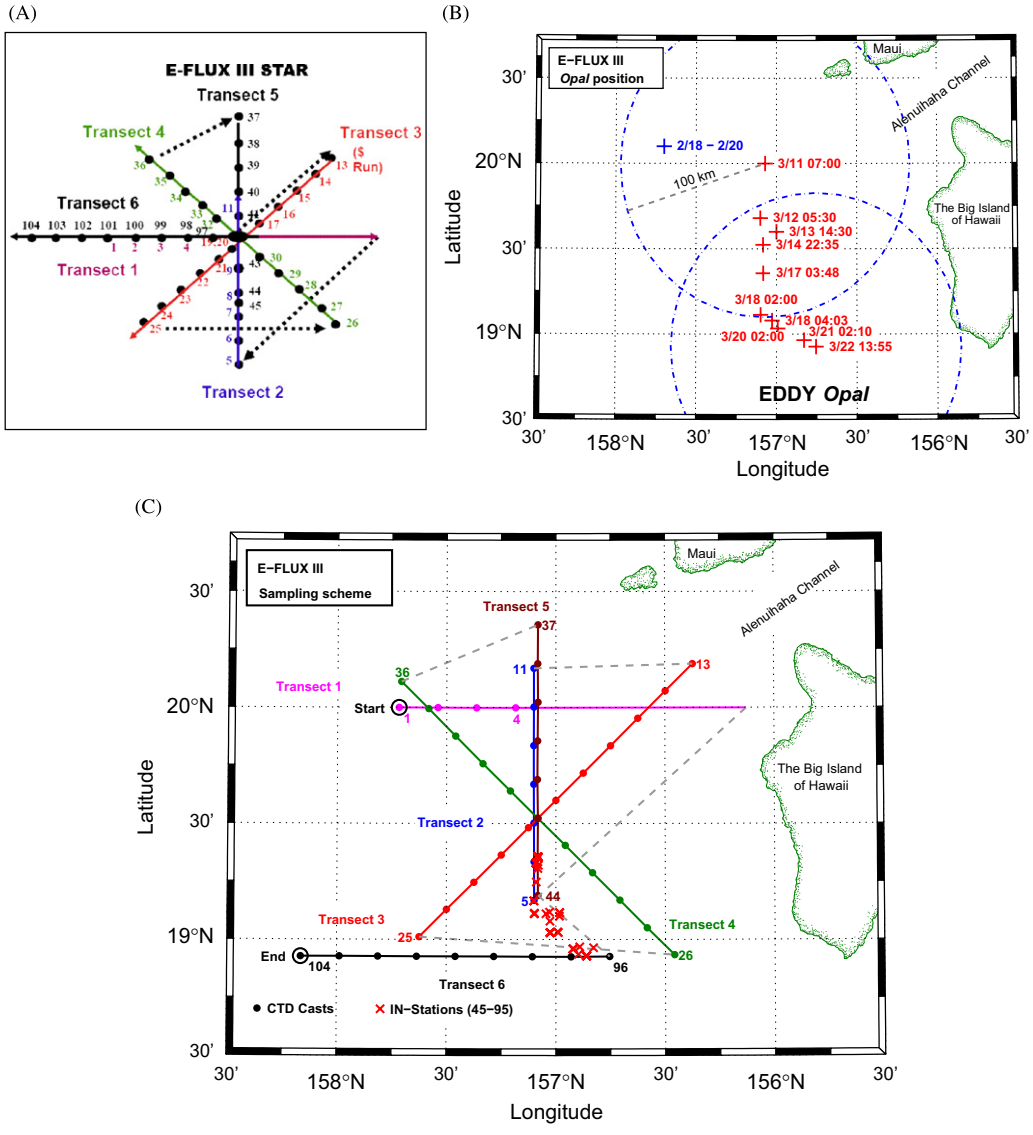

Fig. 12. (A) Planned sampling scheme for E-Flux III. (B) Rough dimensions of Eddy *Opal* and movement of the center of the eddy during E-Flux III. (C) Actual sampling scheme for E-Flux III.