

The beach and nearshore survey data are presented in two formats, beach profile and coordinate.

### **Beach Profile Data (\*.bpd)**

The data are presented as range and elevation pairs in two comma-separated columns. The first is the range in feet from the transect origin along the transect alignment. The second is the elevation in feet relative to Mean Lower Low Water (MLLW, 1983-2001 epoch) datum.

Each file name is formatted as ttttyymm.bpd, where:

tttt - Transect designation,  
yy - Year that the data were collected, and  
mm - Month that the data were collected.

A header presents additional information about the source of the data and includes the sponsor, transect designation, survey date, general location of the transect, type of survey, vertical datum, and the entity responsible for the data collection. The header also indicates that the data has been revised to account for the survey control update conducted in 2013 (described below).

### **Coordinate Data (\*.nez)**

The data are presented as coordinate and elevation triplets in four comma-separated columns. The first is the Northing. The second is the Easting. The third is the elevation. The fourth is the transect designation. The horizontal datum is California State Plane, Zone 6, NAD 83 with the data expressed in US Survey Feet. The vertical datum is MLLW (1983-2001 epoch) with the data expressed in feet.

The file name is the season of the survey; i.e., Spring, Fall, etc. A header presents additional information about the source of the data and includes the sponsor, survey date, general location of the survey, type of survey, vertical datum, horizontal datum, and the entity responsible for the data collection. The header also indicates that the data has been revised to account for the survey control update conducted in 2013 (described below).

The file "Transect Origins.pdf" provides the origin and alignment of each transect. The file "Transect Locations\_2012 Annual Report.pdf" is a map showing the locations of the transects along the San Diego coastline from the 2012 Regional Beach Monitoring Program Annual Report.

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### **IMPORTANT INFORMATION ON UPDATED DATA AVAILABLE:**

The survey control network for all of the transects in the SANDAG program was updated in April 2013. The revised control information was used to process the Fall 2012 data,

and all of the beach profile data from the Fall 2011 and Spring 2012 surveys were re-processed using the updated control information. The latter two data sets were revised because they mark the start of the monitoring for 2012 Regional Beach Sand Project II (RBSP). In the case of the transects located in the Mission Beach Cell, where the vertical discrepancies were greatest, all of the topographic data from Spring 2000 (the start of the 2001 RBSP I monitoring) to Spring 2011 were revised using the updated vertical control. As such, these data sets for the Spring 2000 through Spring 2012 surveys supersede those provided previously.

Shoreline positions, beach widths and beach volumes were recomputed based on the adjusted profiles. In the case of shorezone volumes, the statistical range of closure (which defines the offshore boundary of the volume calculation) was recomputed in 2012 to incorporate the beach profile data that has been accumulated since the inception of the 2001 RBSP I. In consequence, many of the values for these parameters appearing in the 2012 Annual Report and associated appendices differ from those in prior reports, and supersede the previously-reported values.