V.4 MAPS AND REPRESENTATIVE SEISMIC LINES

The whole T-15-P/T-16-P permits where BB85 seismic was shot were devided into 3 areas: A (Spring Graben) B (Chat) and C (Tamar, etc). Based on Durroon -1 well stratigraphic information (figure 8.14) as well as on observation from seismic data of prominent reflections, unconformities etc, key seismic markers were chosen for mapping as follows:-

- the top of the L. balmei zone in Durroon -1 well is mapped as "Near Top Paleocene" seismic marker
- the "Top Upper Cretaceous" horizon is mapped close to the palynologically defined transition from T. longus to T. lilliei
- the "Upper Cretaceous Shale" is mapped close to the most prominent shale break in the sandstone - dominated sequence
- the "Mid-Upper Cretaceous unconformity" is mapped at the base of sandstone-dominated part of the Eastern View Group section of N. senectus zone and on top of low velocity shale of C. triplex palynological zone
- the "Top Lower Cretaceous" seismic marker is associated with top Lower Cretaceous Otway Group sediments and base of olivine basalt which underlines the low velocity shale
- the "Basement" seismic marker is picked near T.D. at the Durroon - 1 well.