(2) Base Modulator The carries and the modulating signal are applied to the base region of the BIT, here it is called base modulating. base modulator. I Cerries is applied to the base of the otransister - Medulating signal is applied in series to the base-biasing voltage (VBB) If the collector technical of the transister is connected to a tuned the scient, to select the frequency of the butters. frequency of the output. AFC Radio frequency wil (RFC) is used to stop the high frequency carrier signal from reaching to the andio-frequency transformer; & Working. L= c3 & modulated outfut fam (t) CH) O TO m(t) m(t)

Transformer, and appears at the secondary winding of the transformer. added or subtracted defending upon the amplitude, (added if Am is the, subtracted if Am is the, The supply wellout at Ti thus the amplitude of the suplitude of m(E). I some to this, the output at the collector of the BIT wo will also start changing anolding to the amplitude of m(t). of at the tuned circuit outfut.