



Figure 6: Depositional settings of the Marrat Formation reveal five sequences designated Marrat Sequence I to V that correlate closely to global Sequences JPI8 to JTo4 (Haq, 2018). The Unassigned Unit is interpreted as Marrat Sequence V and the start of a long-term sea level fall that resulted in a late Toarcian and Aalenian hiatus (pre-Dhruma Unconformity). Red lines indicate sequence boundaries SB I to SB VI, blue lines represent maximum flooding surfaces (MFS) and black line maximum regression surfaces (MRS).