$$\left\{-\frac{1}{4}\,(\mathcal{D}\,n)^{\parallel}{}_{bd}\;\hat{\eta}_{ac}-\frac{1}{4}\,(\mathcal{D}\,n)^{\parallel}{}_{db}\;\hat{\eta}_{ac}+\right.$$
$$\frac{1}{4}\,(\mathcal{D}\,n)^{\parallel}{}_{bc}\;\hat{\eta}_{ad}+\frac{1}{4}\,(\mathcal{D}\,n)^{\parallel}{}_{cb}\;\hat{\eta}_{ad}-\frac{1}{4}\,(\mathcal{D}\,n)^{\parallel}{}_{ad}\;\hat{\eta}_{bc}-$$
$$\frac{1}{4}\,(\mathcal{D}\,n)^{\parallel}{}_{da}\;\hat{\eta}_{bc}+\frac{1}{4}\,(\mathcal{D}\,n)^{\parallel}{}_{ac}\;\hat{\eta}_{bd}+\frac{1}{4}\,(\mathcal{D}\,n)^{\parallel}{}_{ca}\;\hat{\eta}_{bd}-$$
$$\frac{1}{4}\,\hat{\eta}_{bd}\;{}^{1^+}_{\cdot}\mathcal{T}^{\parallel}{}_{ac}+\frac{1}{4}\,\hat{\eta}_{bc}\;{}^{1^+}_{\cdot}\mathcal{T}^{\parallel}{}_{ad}-\frac{1}{4}\,\hat{\eta}_{ad}\;{}^{1^+}_{\cdot}\mathcal{T}^{\parallel}{}_{bc}+$$
$$\left.\frac{1}{4}\,\hat{\eta}_{ac}\;{}^{1^+}_{\cdot}\mathcal{T}^{\parallel}{}_{bd}-\frac{1}{3}\,\hat{\eta}_{ab}\;{}^{1^+}_{\cdot}\mathcal{T}^{\parallel}{}_{cd},0,0,0\right\}$$