##Modified by Zuwei Huang in 04/17/2025
==
COOLING_TRADE_OFF
1
1   2   0.01   10

##Peter G. Lelièvre et al., 2012
m_coolingTradeOffType
m_decreasingParameterIntradeOffParameter
    m_externalDecreasingThresholdIntradeOffParameter
    m_thresholdIntradeOffParameter
    m_decreasingRateRemainingCurrentTradeOff
1
1   2   0.01   10

##Haber et al., 2002
m_coolingTradeOffType
m_decreasingParameterIntradeOffParameter
    m_scalingFactorForIterationNumberIntradeOffParameter
    m_externalDecreasingThresholdIntradeOffParameter
    m_thresholdIntradeOffParameter
    m_decreasingRateRemainingCurrentTradeOff
2
1   1   2   0.01   10
==

==
TARGET_RMS
1

##if RMS<1 means inversion convergence
m_targetRMSmisfitForConvergence
==

##Modified by Zuwei Huang in 04/21/2025
==
CONVERGE
1   2

##2 times bad convergence stage --> converge
m_decreaseRatioForConvegence m_maxBadConvergenceStage
==

##Modified by Zuwei Huang in 04/26/2025

```
================================================
ROUGH_MATRIX
3

Apply depth-constrained #lateral# smoothing
================================================

##Modified by Zuwei Huang in 06/23/2025
================================================
EM_METHOD
1

defult value: 0(MT)
Chosing wether the MT, CSEM or Joint CSEM and MT
================================================

##Modified by Zuwei Huang in 06/27/2025
================================================
MOVE_SOURCE_LOC

Move the dipole sources location to the element center
================================================

##Modified by Zuwei Huang in 08/27/2025
================================================
PARTITION_SOURCE_SURFACE

Partition the wire line into equivalent dipoles only on the earth
surface
================================================
```