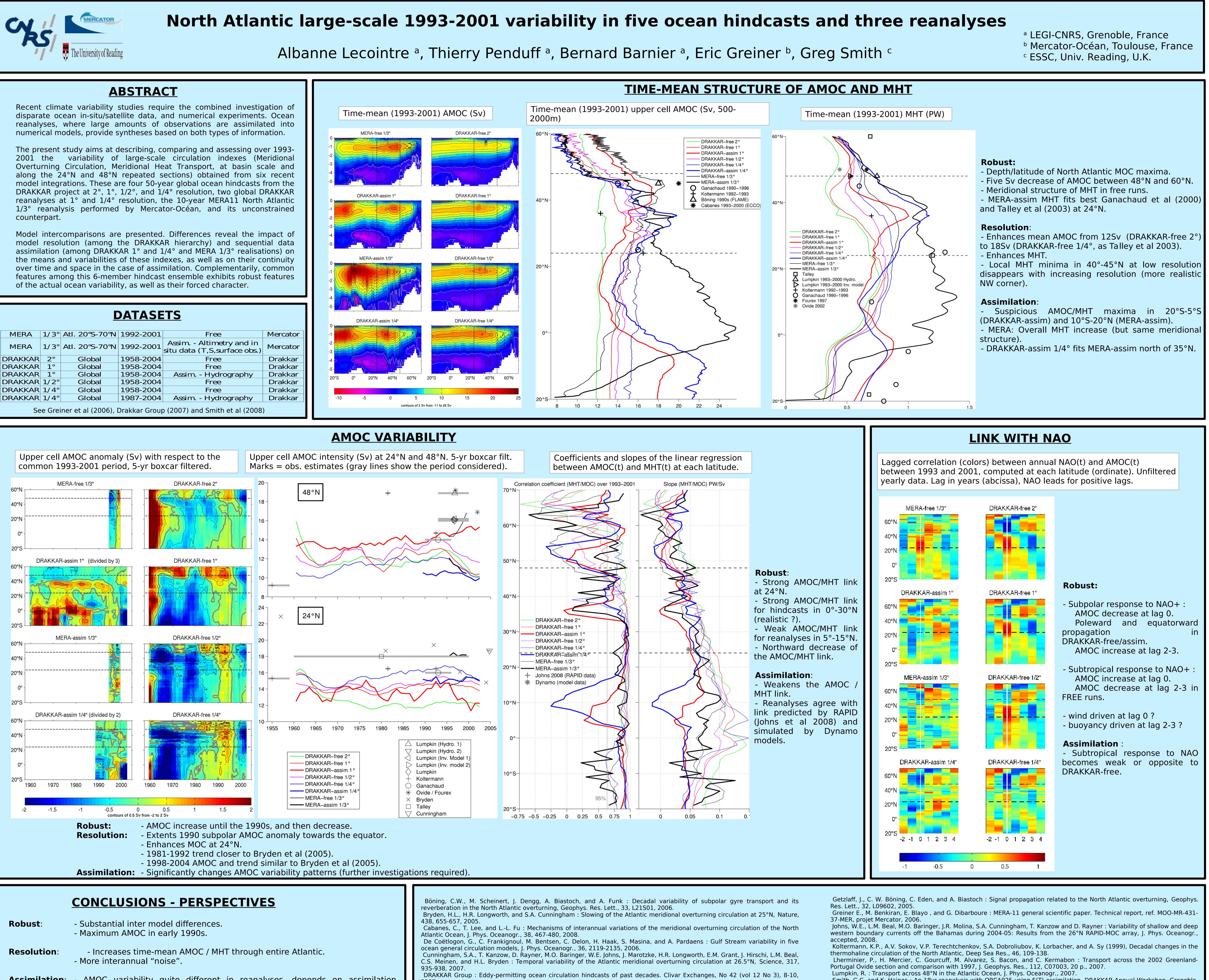


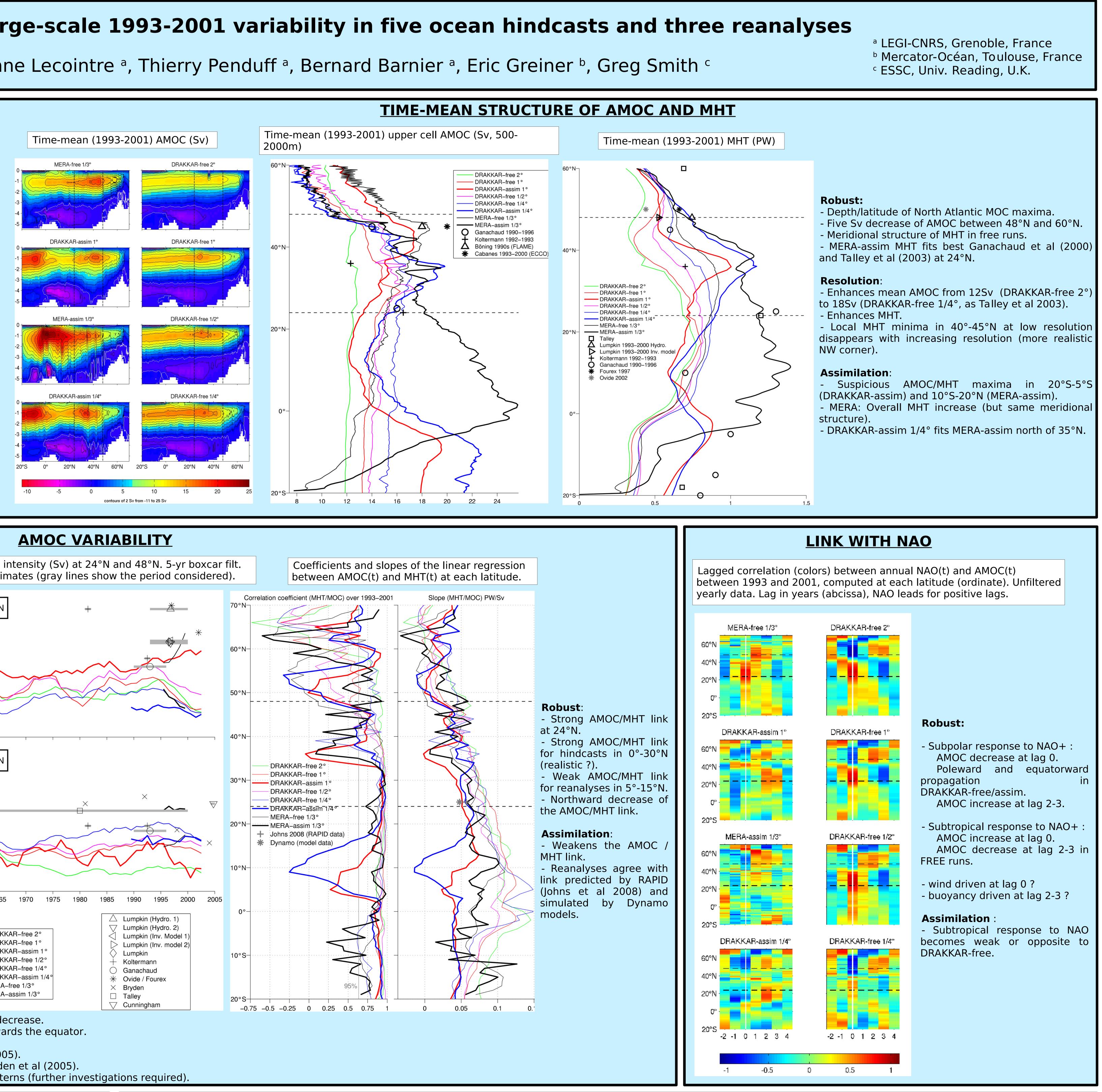


|--|

| MERA  | 1/3°      | Atl. 20°S-70°N | 1992-2001 | Free  | Mercator |  |
|---|-----------|----------------|-----------|---|----------|--|
| MERA  | 1/3°      | Atl. 20°S-70°N | 1992-2001 | Assim Altimetry and in situ data (T,S,surface obs.) | Mercator |  |
| DRAKKAR   | 2°        | Global         | 1958-2004 | Free  | Drakkar  |  |
| DRAKKAR   | <b>1°</b> | Global         | 1958-2004 | Free  | Drakkar  |  |
| DRAKKAR   | <b>1°</b> | Global         | 1958-2004 | Assim Hydrography                                   | Drakkar  |  |
| DRAKKAR   | 1/2°      | Global         | 1958-2004 | Free  | Drakkar  |  |
| DRAKKAR   | 1/4°      | Global         | 1958-2004 | Free  | Drakkar  |  |
| DRAKKAR   | 1/4°      | Global         | 1987-2004 | Assim Hydrography                                   | Drakkar  |  |
| See Greiner et al (2006), Drakkar Group (2007) and Smith et al (2008) |           |                |           |   |          |  |



**Assimilation:** - AMOC variability quite different in reanalyses, depends on assimilation 2007 method. DYNAMO Group : Dynamo: Simulation and assimilation with high resolution models, IFM Kiel, Technical report, No 294, 1997. Ganachaud, A., and C. Wunsch : Improved estimates of global ocean circulation, heat transport and mixing from hydrographic Further investigation is required to understand the impact of assimilation on AMOC / MHT mean data, Nature, 408, 453-457, 2000. structures and variabilities



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February 4, 2008.

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