

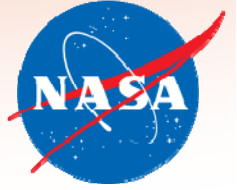
Mars 2020 Entry, Descent, and Landing Instrumentation 2 (MEDLI2)

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Briefing to the Mars 2020 Council of Atmospheres
August 25, 2017



MEDLI2 Science Team



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MEDLI2 Expands Scope of Instrumentation



MEDLI on MSL (2012)



7 Hypersonic Pressure Transducers



7 Instrumented Plugs

- 4 Thermocouples
- 1 HEAT sensor



1 Sensor Support Electronics Box

MEDLI2 on Mars 2020



Pressure Transducers:
1 Hypersonic (high p),
6 Supersonic (low p),
and 1 Backshell



11 Instrumented PICA Plugs



6 Instrumented SLA Plugs



**3 Heat Flux Gauges
(including 1 Radiometer)**



1 Sensor Support Electronics Box