

1330 orbit configuration



1730 orbit configuration



From inception the NPOESS spacecraft has had a *flexible by design* approach. Employing an "open" platform architecture where both spacecraft and payload interfaces are designed to be "plug-andplay" versus legacy systems that used custom interfaces. Available deck space exists for new payloads of opportunity.

High autonomous capability satisfies NPOESS mission requirements

Large nadir deck maximizes available fairing envelope of the 4 metre EELV launch vehicles.



MaryAnn Chory, Michael Wehner, Don Adkins Northrop Grumman Space Technology Mustufa Bahrain. NPOESS IPO