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# **MHI Launch Services**

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## H-IIB Launch Vehicle No. 4



August 4, 2013 H-IIB Launch Vehicle No. 4 with the KOUNOTORI4 (HTV4) onboard, Liftoff (2)



August 4, 2013 H-IIB Launch Vehicle No. 4 with the KOUNOTORI4 (HTV4) onboard, Liftoff (1)



August 3, 2013 H-IIB launch vehicle No.4 to arrive at launch pad



August 3, 2013 H-IIB launch vehicle No.4 on the way to launch pad



July 20, 2013
The encapsulated KOUNOTORI4
was transported to the Vehicle
Assembly Building (VAB) and
installed onto the H-IIB launch
vehicle No.4.



July 11, 2013
The H-II Transfer Vehicle (HTV)
KOUNOTORI4 was mated with the
Payload Attach Fitting (PAF) at the
Spacecraft and Fairing Assembly
Building #2 (SFA2).



June 7, ~11, 2013 Attached Solid Rocket Boosters (SRB-As) to H-IIB launch vehicle No.4



June 4, 2013 The second stage of H-IIB launch vehicle No. 4 mating with the first stage.



June 4, 2013 H-IIB launch vehicle No.4, First stage VOS (Vehicle On Stand)



Zoom

June 3, 2013 H-IIB launch vehicle No.4 arrived at Shimama port in Tanegashima island

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