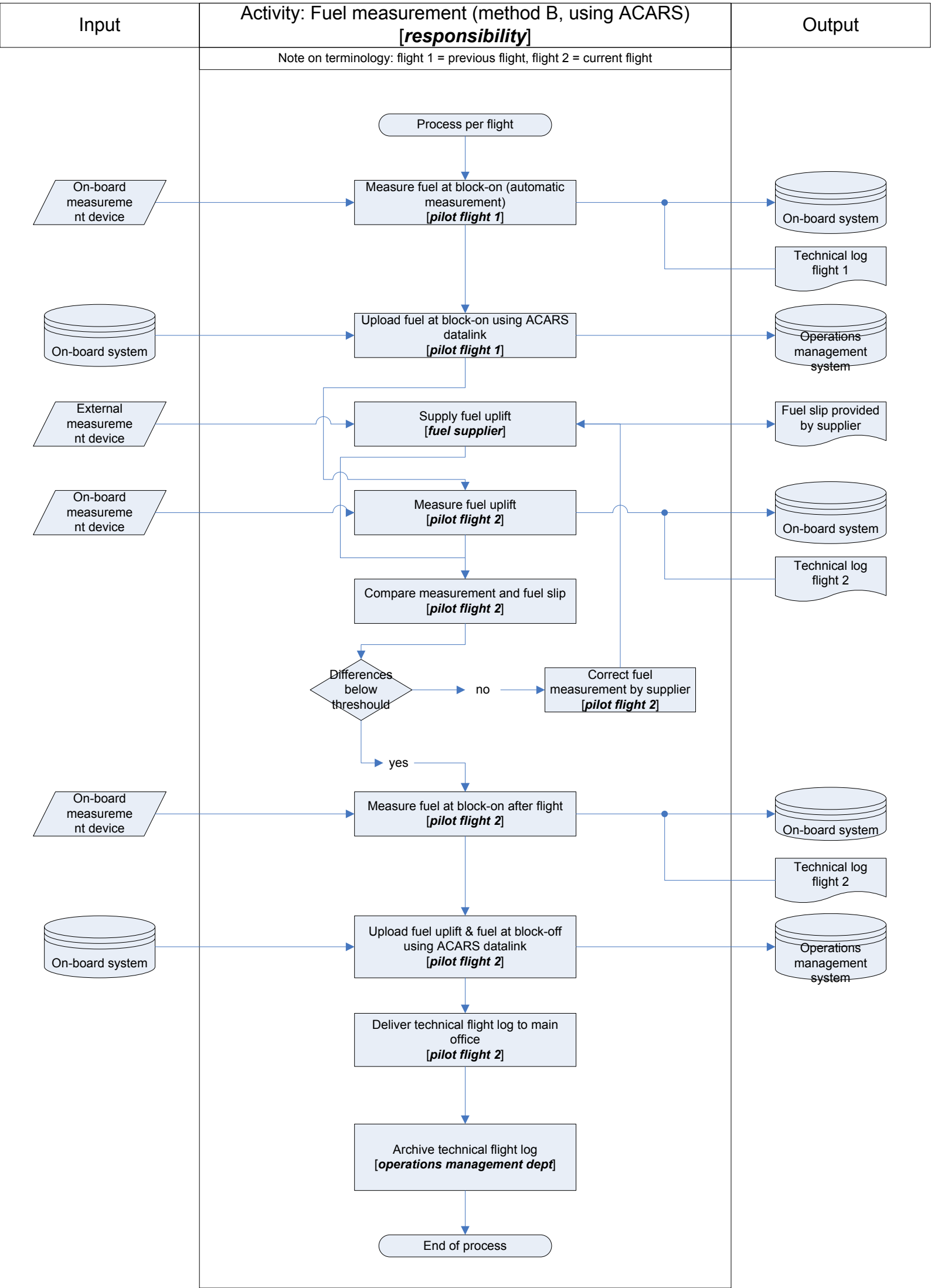
Input
Activity: Fuel measurement (method B, using ACARS)
[responsibility]
Output
Note on terminology: flight 1 = previous flight, flight 2 = current flight
Process per flight
On-board measurement device
Measure fuel at block-on (automatic measurement)
[pilot flight 1]
On-board system
Technical log flight 1
On-board system
Upload fuel at block-on using ACARS datalink
[pilot flight 1]
Operations management system
External measurement device
Supply fuel uplift
[fuel supplier]
Fuel slip provided by supplier
On-board measurement device
Measure fuel uplift
[pilot flight 2]
On-board system
Technical log flight 2
Compare measurement and fuel slip
[pilot flight 2]
Differences below threshould
no
Correct fuel measurement by supplier
[pilot flight 2]
yes
On-board measurement device
Measure fuel at block-on after flight
[pilot flight 2]
On-board system
Technical log flight 2
On-board system
Upload fuel uplift & fuel at block-off using ACARS datalink
[pilot flight 2]
Operations management system
Deliver technical flight log to main office
[pilot flight 2]
Archive technical flight log
[operations management dept]
End of process