

# SwiftBroadband type approval flow chart

Version 1.0

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## Introduction

The type approval process for SwiftBroadband is different to that of Swift64 as it requires a combination, along with its constituent parts, to be approved by Inmarsat.

Of the four major components, users of the service must have approval from Inmarsat for the:

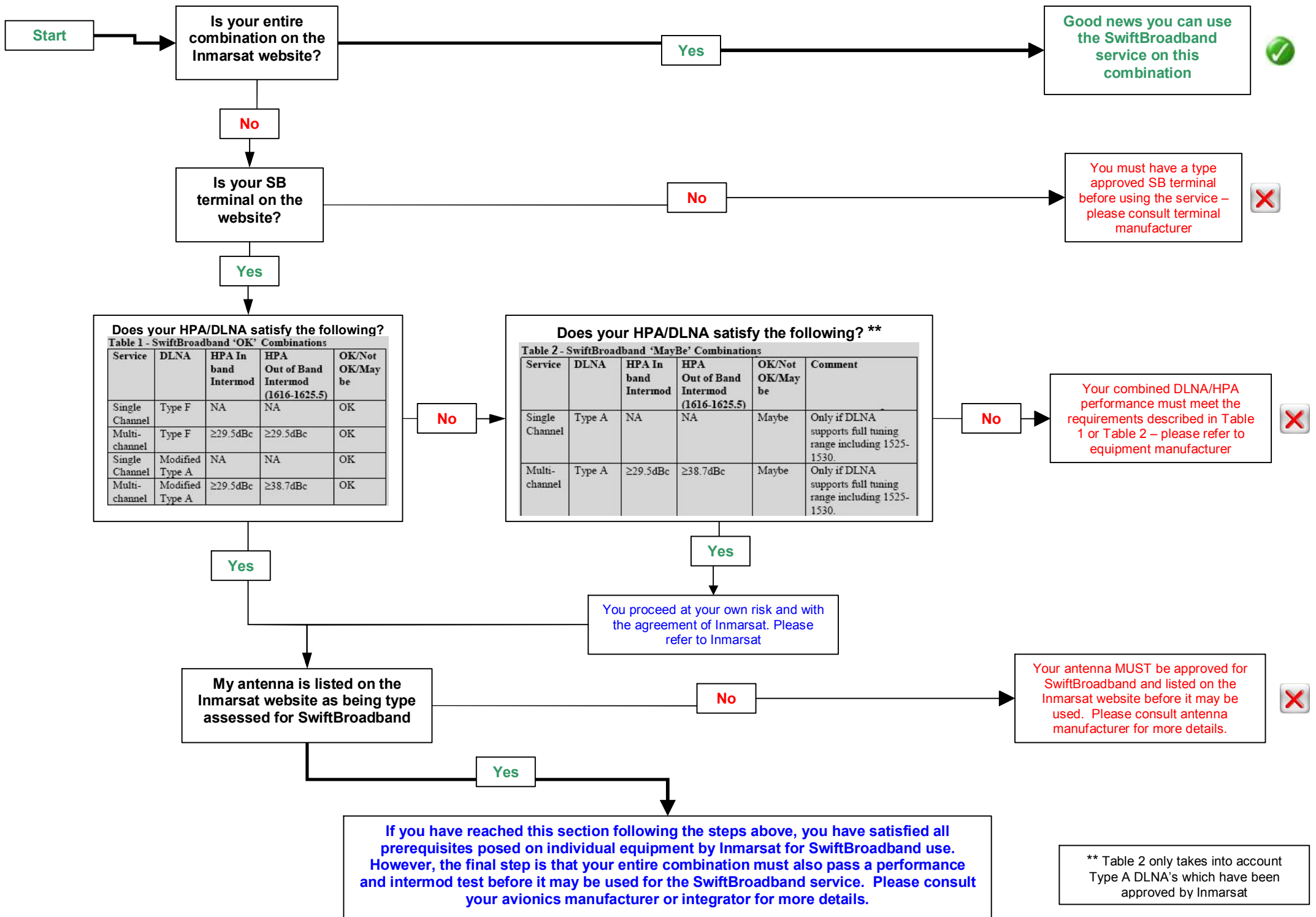
- DLNA
- HPA
- Antenna, and
- SwiftBroadband (SB) terminal.

Furthermore, once the individual parts of the system have been approved, they must be tested as a combination and the results submitted to Inmarsat for assessment.

Combinations which have been assessed previously and added to the type approved list, available on the Inmarsat website: [www.inmarsat.com/support/swiftbroadband](http://www.inmarsat.com/support/swiftbroadband) need not be submitted for approval again and can be installed without further testing.

Where it is asked to “refer to Inmarsat”, please contact [shuaib\\_shahid@inmarsat.com](mailto:shuaib_shahid@inmarsat.com) for details.

**Please refer to the flow chart below to assess the next steps which you must undertake to enable the service on your aircraft:**



**Does your HPA/DLNA satisfy the following?**

Table 1 - SwiftBroadband 'OK' Combinations

Service	DLNA	HPA In band Intermod	HPA Out of Band Intermod (1616-1625.5)	OK/Not OK/Maybe
Single Channel	Type F	NA	NA	OK
Multi-channel	Type F	≥29.5dBc	≥29.5dBc	OK
Single Channel	Modified Type A	NA	NA	OK
Multi-channel	Modified Type A	≥29.5dBc	≥38.7dBc	OK

**Does your HPA/DLNA satisfy the following? \*\***

Table 2 - SwiftBroadband 'MayBe' Combinations

Service	DLNA	HPA In band Intermod	HPA Out of Band Intermod (1616-1625.5)	OK/Not OK/Maybe	Comment
Single Channel	Type A	NA	NA	Maybe	Only if DLNA supports full tuning range including 1525-1530.
Multi-channel	Type A	≥29.5dBc	≥38.7dBc	Maybe	Only if DLNA supports full tuning range including 1525-1530.

\*\* Table 2 only takes into account Type A DLNA's which have been approved by Inmarsat