# Description

Diversion Alerts triggered by FS#7356 have to be processed and a XML alert message should be generated according to:

$/dev/Development/XML\_Schemas/Sabre\_STL/ServiceSchemas/Alerts.

# How to Test

* Create a flight in FPM and remember the *dbo.fltleg.flt\_id* as <FLT\_ID>
* Use FPM and calculate the flight and leave the flight(go on listpage)

## Make sure diversion alert exists

Following steps create a Diversion alert manually, normally this is done in “Triggering part #7356” and you can proceed at 2.2.

* Insert into AcarsAlerts\_DownlinkDetails a similar Alert. Edit the <FLT\_ID>

insert into AcarsAlerts\_DownlinkDetails(Flt\_ID, Received,

DownlinkText,

SMI, TEI, TEValue, IMI,

MessageText, CRC, AlertTxt)

values(6870/\*<FLT\_ID>\*/,dateadd(MINUTE, -5, GETUTCDATE()),

'QU ACARSUA .DDLXCXA 280550 DIV FI XX1234/AN N105UA/DS JFK 1545/DV DEF/FB 200/PD XYZ DT DDL VIE 280550 F11A - TST MSG PLS IGNORE DIVERSION MESSAGE',

'DVI','ti','tv','imi',

'TST MSG PLS IGNORE DIVERSION MESSAGE', 'ABC9','Flight TEST1234 (N105UA) is diverting to DEF')

* select SCOPE\_IDENTITY()Remember entry as <DL DETAIL>
* Insert into a similar Alert into AlertTransmission\_Status

insert into AlertTransmission\_Status(

Type,Severity, LocationICAO, LocType,SVT,EVT,NewAlertTime, active, NewAlertMode, RefID, RefTable)

values(

10,2,'',3,'01JAN12','01JAN20',getutcdate(), 1,' ', 40/\*<DL DETAIL\*/,

'AcarsAlerts\_DownlinkDetails')

select SCOPE\_IDENTITY()

* Remember entry as <ATS\_ID>

## Check the XML Diversion message

* A flight with a Diversion Alert exists, start AlertSender and check if <ATS\_ID> was processed.
* Run the AlertSender and after it’s done, check the result(compare to XML Def.)

select txt, \*

from msg\_out

where

[application] = 'AlertSender'

and txt like '%DownlinkDetails%'

and inserted >= dateadd( minute, -10, getUTCdate() )

e.g.in a XML viewer it looks like.

