

Garcia-Jr, John E

Subject: FW: Coordination with INMARSAT

From: Giselle Creeser [<mailto:Giselle.Creeser@inmarsat.com>]
Sent: Friday, September 25, 2015 12:15 PM
To: Epshteyn, Alexander; Kolb, Kim L; Ost, Marcella S; Allison, Audrey; Garcia-Jr, John E
Cc: Chris Murphy; Rebecca Cowen-Hirsch; Jonas Eneberg; Narasimham Putcha
Subject: RE: Coordination with MEXSAT

Alex,

Thanks for your clarifications. Inmarsat agrees to Boeing's proposed testing of the MEXSAT satellite in the frequencies listed below, under the conditions specified, for a period of 7 months starting on November 1st. Inmarsat notes that if during this period a new coordination agreement is finalized we would expect operations to conform to this new agreement.

Please let me know if you need anything further from us.

Giselle

From: Rebecca Cowen-Hirsch
Sent: Tuesday, September 22, 2015 8:38 PM
To: Giselle Creeser
Cc: Chris Murphy
Subject: FW: Coordination with MEXSAT

FYSA and action as appropriate.

From: Epshteyn, Alexander [<mailto:alexander.epshteyn@boeing.com>]
Sent: Tuesday, September 22, 2015 6:41 PM
To: Chris Murphy
Cc: Kolb, Kim L; Ost, Marcella S; Allison, Audrey; Garcia-Jr, John E; Rebecca Cowen-Hirsch
Subject: RE: Coordination with MEXSAT

Hi Chris,

I was wondering if you can give me the status of this coordination issue.

The service is scheduled to perform a testing demonstration in November, involving using some ground communications equipment to establish communications via the MexSat satellite. Since the satellite launch, orbital positions, and frequencies were already coordinated and approved, the use of the ground terminals should not have any impact to other Inmarsat communications.

We simply need a note from Inmarsat to the FAA confirming that this testing will not impact Inmarsat.

Please let me know if you need any more information from us as we would like to close this out as soon as possible.

Thanks,
Alex

From: Epshteyn, Alexander
Sent: Wednesday, September 16, 2015 2:27 PM
To: Chris Murphy (Chris.Murphy@inmarsat.com)
Cc: Kolb, Kim L; Ost, Marcella S; Allison, Audrey; Garcia-Jr, John E; 'Rebecca.Cowen-Hirsch@inmarsat.com'
Subject: Coordination with MEXSAT

Hi Chris,

I am writing to you regarding one of Boeing's satellite programs that we are trying to seek a license to with the FAA.

The system is a MEXSAT mobile communication terminal and Boeing is seeking a license to test the system at an L-band terminal at our El-Segundo facility. The testing procedure will involve links between ground terminals to MEXSAT, and the satellite frequencies were coordinated with INMARSAT prior to launch. The FAA is seeking INMARSAT notification and coordination to ensure that we will not cause interference to any of your systems while conducting the testing. Could you please let us know if we could obtain your approval for this operation?

I have attached a technical overview of the system and the table below provides the frequencies that will be used.

Frequency Range (MHz)	Bandwidth (MHz)
1627.8000 – 1628.3000	0.5000
1628.8300 – 1629.7500	0.9200
1630.1800 – 1630.7000	0.5200
1631.0350 – 1631.0600	0.0250
1631.2000 – 1631.4500	0.2500
1631.4500 – 1631.5000	0.0500
1631.9500 – 1632.2000	0.2500

1632.2000 – 1632.2500	0.0500
1634.4000 – 1634.6000	0.2000
1634.7000 – 1634.9200	0.2200
1650.0500 – 1650.2500	0.2000
1650.4000 – 1650.5500	0.1500
1660.0000 – 1660.5000	0.5000

Thanks for your help,

Alex

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