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**From:** Rob Lease [mailto:rlease@lexco.com]  
**Sent:** Thursday, October 29, 2009 12:05 PM  
**To:** Schoennagel, Christopher  
**Subject:** OCS Pipeline connectivity issues

Hi Chris,

I would like to bring the following pipeline connectivity issues to the attention of the appropriate people at the MMS.

At present, I hope to attend the 11/3/2009 DMWG meeting in Covington .

I appreciate your help on this matter.

With best regards,

Rob Lease

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### Pipeline Connectivity Issues

The oil and gas industry wants to be able to use MMS pipeline data to route production from offshore facilities to onshore destinations. The digital information currently provided by the MMS makes this difficult to accomplish. The missing information needed to "route" production is:

- 1) lat/long locations and ID codes of the connected facilities (ie. platform ID #
- 2) lat/long locations of connections between active pipeline segments (ie.segment # & connection survey point)
- 3) Direction of product flow using pipeline segments survey points (ie. point where product exits from a segment)

Most of the needed digital location and unique ID data exists in separate MMS files, but it is not adequately cross referenced.