From: Sent: To: Cc: Subject:	Kristin Begun - NOAA Affiliate <kristin.begun@noaa.gov> Wednesday, May 8, 2019 11:47 AM Barbara Byrne - NOAA Federal Garwin Yip - NOAA Federal; J. Stuart - NOAA Federal Fwd: Entrainment Tool for Longterm Planning?</kristin.begun@noaa.gov>
Hi Barb,	
COS vs PA for past years. I'm	sounds like the tool cannot assess long-term risk, but could be used to compare not sure if this would be helpful. Elissa had said she's not that familiar with this d demonstrate this during her presentation. Let me know if you have any follow
Kristin Begun, Biologist Water Operations and Delta Co NOAA Fisheries West Coast Reg Contractor with Lynker Technol kristin.begun@noaa.gov	gion
	Tillotson@icf.com> 38 AM
Hi Elissa,	
	ifically designed for the task you describe, it is certainly possible to look at how ged in previous years if water operations were different.
I'm happy to discuss this more	and provide more depth on this process and the potential limitations.
Best,	

Mike

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From: Buttermore, Elissa <ebuttermore@usbr.gov>

**Sent:** Tuesday, May 7, 2019 3:57 PM

**To:** Collins, Alison L < <u>ACollins@mwdh2o.com</u>>; Tillotson, Mike < <u>Mike.Tillotson@icf.com</u>>

Cc: Barbara Byrne - NOAA Federal < barbara.byrne@noaa.gov >; Kristin McCleery - NOAA Affiliate

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Subject: Entrainment Tool for Longterm Planning?

Hi Alison and Mike,

NMFS is interested in learning more about the tool. They would like to know if the tool could be used to compare expected loss for long-term planning scenarios, e.g. in comparing current operations vs. proposed actions in (a future) reinitiation of consultation for long term water operations effort.

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