Generating Pilot Sweep from TX1

Introduction:

TX1 application allows you to manually generate pilot sweep signal.

Steps to do:

- 1. Run the TX1 application.
- 2. Navigate to "Data->Output Data-> Generate digital pilot file on manual sweeter params..."



3. Enter required values and mention manually enter "Output File Name" and save it in desired location. Preferably in "TX1 directory\Prospect name\SweepFiles\xxxxx.sgy"

Record Length (sec):	10		Taper Type:	Cosine 🔻
Sample Rate:	2 ms	~	Start Taper Duration (msec):	500
Anti Alias:	ZeroPhase	Ŷ	End Taper Duration (msec):	500
Sweep Type:	Linear	~	Constant:	0
Start Freq (Hz):	10		Phase (0-360 deg):	0
End Freq (Hz):	80			
Sweep Length (msec):	8000		VibPro DSP Version:	1000
			(VIbPro HD >= 1000)	
Output File Name: Sweep				

- 4. Generate the file.
- 5. The sweep file can be viewed in video plot.



6. Assign Sweep file in TX1

1000007 1		1000017 01/19/2022 10:20:01 0	1/19/2022 06:20			
1000008 1000009 1000010 1000011 1000012		Link Selection to Shots Collected Domain				
						Fynort Missing Trace Detail
		Ignore For Trace Vield And Output				
		Lindate Source Point				
		10000	13	opdate source Point		
10000		Output				
	-	Output Status Override	>			
		Show Output Log				
		Export SPS Files	-			
shot seq	Shot ID	Simulate G3i Data				
		Assign Sweep File				
sages Vessage		Clear Sweep File Assignment				
		MicroSeismic	>			
		Assign Record Length				
		Delete	- 1			
		Force Import Selected Shots				
may pool o	cache has	Refresh				
rray pool cache has rray pool cache has rray pool cache has		Find				
		Save Selected	,			
		Save All				
not Gathe	r output co	Sove Par				