

Class Activity With Audacity

Create a 30-40 second scene with a stormy ocean background.

If possible, listen to a recording of a real storm at sea. What do you hear? Can you imitate it?


Stormy Ocean Roar

(Use **Generate > Noise > Pink** with amplitude .6 to start) **Brown** noise also.

Make a stereo pair of tracks: select a track and use **Edit > Duplicate**

Then pan one right and one left. Use the pan tool 

Then manipulate volume swells. Drag from the top of the track with 


Cut and paste sections to extend the time. Selection tool -> 

Or copy and shift waves with another track.

Spray and Rain

Add steady white noise for spray and rain. (use **Generate > Noise > White**)


Filter white to make blue noise – rain. Use the **Effect > Equalization** tool to lessen the high frequencies.

Then manipulate volume swells. 

More complex edits add realism

Create 2 tracks of Pink 30 seconds.

Use **Effect > Equalization** tool: one low frequencies up, highs down, & the other EXACTLY the opposite

Use  to bring the levels of one up and the other down at same time.


The Captain's Voice

Import the "**shiver our timbers**" track. Pick the version you think will work best.

Edit the track to bring up the amplitude of any quieter phrases.

Highlight and choose **Effect > Amplify** (use about 3 dB maximum)

Use Equalization to lower the high and low frequencies for realism.

Highlight  and choose **Effect > Equalization**

Try **Effect > Echo** with values of .2 and .1 to put the voice near the deck.

Howling Wind using Wah Wah (a guitar effect on a pink noise track)

Wah wah changes frequency emphasis over time. (use **Effect > WahWah**)

Try these settings: LFO Freq = 0.2, Depth = 15%, Resonance = 6.3, Wah Freq Off = 6%


Howling Wind Whistles in the Rigging

Use a **Generate > chirp** from 200-230 Hz or so simulate the change in pitch.

Experiment and find one you think is close. Keep it fairly back in the mix.

If it is too easy to hear, it will probably sound phony.

Repeat with different lengths and reverses.

Manipulate the volume so that it rises and falls. 

Highlight  and choose **Effect/Echo** with a short delay time of about .2 sec.

Export Your Mix In Stereo

Use **File > Export** to Create an MP3 with the right name.

Use **File > Save** if you are not done to save the whole edit as you have it so far.

Quality?

- Avoid creating any clipping distortion. If you mix two tracks, the result is a higher combined level.
- Put a short Fade In at the beginning and a quick Fade Out at the end to give it a professional finish.

Highlight about ½ second and choose **Effect > Fade In Out**

- The captain's voice should be easy to hear but not quite as loud as the storm.