

## **ef em ve**

was written for and commissioned by Cikada String Quartet (Karin Hellqvist, Sara Övinge, Bendik Foss, Torun Stavseng) in 2022.

The piece was premiered 30 October the same year. The composition was supported by Det Norske Komponistfond. Duration approx. 20 minutes.

The piece is for string quartet and sound. The sound is in stereo configuration, recorded binaurally. This applies only to the ambient sound files. If desired, the sound files, could be made into regular stereo files, and/or worked with spatially; Most of the files are compound of files split into concrete/ambient sounds, harmonized sounds, sub-bass/low frequency sounds as well as sometimes high frequency sounds. Some sound files are also accompanied with a click track for the first violin to keep track of the correspondence between the quartet and the sound. The click track could be considered for all musicians if needed, but must not interfere with the chamber musical playing and the listening and initiative of the performers.

The sound files are triggered by the first violinist according to the score by a foot pedal, or by a sound technician following the score. The balance between ensemble and loudspeaker sound should be worked on with great care.

The quartet should be amplified to a certain extend - balancing with the sound files. Preferably DPA microphones or similar suitable microphones.

The sound files are notated with numbers according to which files to be played. Some notation is also done to give cues about what's goes on sound wise and rhythmically. All this is notated on a line between the first and second violin.

The musicians should respect the corresponding endings/fadeouts as well as infades and play it together with the sound file when this is indicated in the score.

In the cello part, the repeated phrases (bar 3, second part of 10, 16, 28 and 32), are seen as a point of departure, hence variation of timbre, portamento/glissando as well as length of pitches and phrasing - are played based on the notated pitches. In short, always try to vary and investigate these repeated phrases, though keeping within the dynamics written.

The piece is based on recordings done on specific sites in Fredrikstad Norway august 2021. The sites relate to the closed shipyard of former Fredrikstad Mekaniske Verksted (1870-1988) and the nearby older site of Røds Brug. This vast area relates to boat and later ship building as well timber transport coming from the inner parts of eastern Norway. This goes back to approx. 1500 when Norwegian timber was essential to the global delivery of wood. Also a high number of international ships have anchored in the bay during the centuries, especially because of this timber export to countries like Great Britain and The Netherlands.

These days both the timber and ship industry is long gone. But these activities have marked the sites acoustically, geologically, geographically and historically. The materiality of the sites is compounds of organic material, industrial material, as well as local and foreign plants. The piece is somehow an aural testimony of a place which in the coming years will be radically transformed as a landscape and as acoustic sites.



**NB**  
noter

*This music is copyright protected*

Erik Dæhlin

# ef em ve

for string quartet and sound

$\text{♩} = 60$

$\frac{8}{4}$   $\text{♩}$   $\text{♩}$   $\text{♩}$   $\text{♩}$

Handwritten musical score for the first system, featuring staves for Violin 1 (vl 1), Sound, Violin 2 (vl 2), Viola (vla), and Violoncello (vc). The score includes dynamic markings such as *ppp*, *pp*, and *p*. Performance instructions include *ca. 15"*, *ca. 20"*, *ca. 10"*, and *ca. 6"*. The *Sound* staff contains circled numbers 1 and 2. The *vc* staff includes the instruction *slow vib.* and *slow-on 8!*.

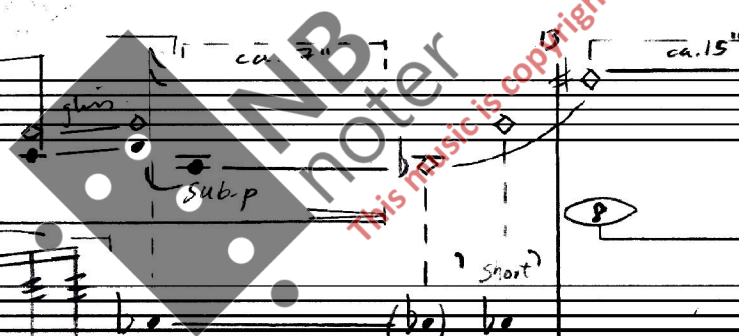
Handwritten musical score for the second system, featuring staves for Violin 1 (vl 1), Violin 2 (vl 2), Viola (vla), and Violoncello (vc). The score includes dynamic markings such as *pp*, *p*, and *mp*. Performance instructions include *Norm. bow II*, *loose bow*, *dim. Norm. bow I*, *birds*, *circular loose bow*, *move continuous from II-I*, *gliss.*, and *mp*. The *vc* staff includes the instruction *gliss. mp*.

10 ca. 17" ca. 10"

Handwritten musical score for measures 10-11. The score is written on four staves. The top staff has a circled '4' and a circled '5'. The second staff has a circled '6'. The third staff has 'slow vibr.' and 'mp'. The bottom staff has 'stacc.' and 'stacc.' markings. Dynamics include 'p' and 'mp'. There are various musical notations including notes, rests, and slurs.

12 ca. 8" (1260) Pint. ca. 7" ca. 15" 15

Handwritten musical score for measures 12-15. The score is written on four staves. The first staff has '(water)' and a circled '7'. The second staff has 'Pont.' and 'short'. The third staff has 'mp', 'stacc.', 'mf', 'Pont.', 'Subp.', and 'fast'. The bottom staff has 'mp', 'stacc.', 'stacc.', 'stacc.', 'Sub p.', and 'fast tremolo'. Dynamics include 'f', 'mp', 'mf', 'Sub p.', and 'p'. There are various musical notations including notes, rests, and slurs.





27 arco pizz. *c.l. tratto* slow arp. *ca. 10"* *click*  $\text{♩} = 60$  *click* *c.l. tratto* slow *played 5 times*

arco *c.l. tratto* *wood stone* *c.l. tratto* *slow* *fast* *slow*

arco *c.l. tratto* *norm.* *mf* *mp* *qu.* *glass.*

arco *c.l. tratto* *norm.* *c.l. tratto*

arco *mf* *ten* *III* *IV* *mp* *mp* *qu.* *glass.*

3/4 *Part.* *Norm bow* *sfz* *f* *c.l. batt. - tratto* *ca. 6"* *32* *Norm bow* *pp* *II* *ca. 20"* *6 Tasto* *4#* *pppp* *Norm bow* *# Tasto* *pppp* *tasto* *#* *ppp* *tasto* *Norm bow* *6#* *4* *ppp*

*Norm bow* *3* *c.l. batt. - tratto* *pp* *Norm bow* *pp* *II* *I* *pppp* *tasto* *ppp* *tasto*

*Norm bow* *c.l. batt. - tratto* *pp* *Norm bow* *pp* *II* *I* *pppp* *tasto* *ppp* *tasto*

*c.l. batt. - tratto* *pp* *Norm bow* *pp* *II* *I* *pppp* *tasto* *ppp* *tasto*

4.



5  
4  
45

jete

3 jete

c.l. tratto  $\text{D}^{\flat}$

$\text{D}^{\flat}$

Norm bow

6  
4

Handwritten musical score for measures 45-50. The score consists of five staves. The first staff has a *mf* dynamic and a *jete* annotation. The second staff has a *p* dynamic and a *c.l. tratto* annotation. The third staff has a *mf* dynamic and a *circular bow* annotation. The fourth staff has a *mf* dynamic and a *Pont.* annotation. The fifth staff has a *mf* dynamic and a *gliss.* annotation. There are various rhythmic markings and dynamic changes throughout the section.

50

c.l. tratto Norm. bow

cont. 'click'

Pont.

6  
4

Handwritten musical score for measures 50-55. The score consists of five staves. The first staff has a *p* dynamic and a *c.l. tratto* annotation. The second staff has a *pizz.* dynamic and a *Norm. bow* annotation. The third staff has a *mf* dynamic and a *Pont.* annotation. The fourth staff has a *mf* dynamic and a *gliss.* annotation. The fifth staff has a *mf* dynamic and a *gliss.* annotation. There are various rhythmic markings and dynamic changes throughout the section.





Handwritten musical score for a string quartet, featuring a large watermark: "IMB no copyright protected".

**Tempo and Meter:**  $\text{♩} = 60$  click. The score is divided into measures 18-22 and 23-27. Time signatures include  $\frac{3}{4}$ ,  $\frac{4}{4}$ , and  $\frac{6}{4}$ .

**Measure 18-22:** Features a sequence of notes with dynamic markings *p* and *fp*. Rehearsal marks 20 and 21 are present. Performance instructions include *Pont.*, *Norm.*, and *l.v.*. A large bracket spans measures 18-22.

**Measure 23-27:** Continues the musical theme with dynamic markings *mf* and *mp*. Performance instructions include *Arco*, *epizz.*, *c.l. batt*, and *wh.*. Rehearsal mark 22 is present. A large bracket spans measures 23-27.

**Other markings:** *gliss.*, *mf*, *mp*, *wh.*, *epizz.*, *c.l. batt*, *Arco*, *mf*, *mp*.



continues Jc82

Handwritten musical score for guitar, consisting of six staves. The score includes various musical notations such as notes, rests, and dynamic markings. Performance instructions are written above and below the staves, including:

- Staff 1:** *c.l. batt - tratto*, *Norm*, *arp.*, *gliss.*, *mf 3*, *3*
- Staff 2:** *c.l. batt - tratto*, *Norm*, *gliss.*, *arp.*, *gliss.*, *mf 3*, *3*
- Staff 3:** *c.l. batt - tratto*, *batt.*, *pizz.*, *c.l. batt.*, *batt.*, *pizz.*, *batt.*, *mf 5*, *3*
- Staff 4:** *c.l. batt - tratto*, *batt.*, *pizz.*, *c.l. batt.*, *batt.*, *pizz.*, *batt.*, *mf 5*, *3*
- Staff 5:** *gliss.*, *mf 3*, *3*, *Port.*, *mf 5*, *3*, *101*, *v n v*
- Staff 6:** *batt.*, *Norm 3*, *batt.*, *mf*, *mf*, *Port.*, *Port.*, *mf*, *3*, *batt.*, *f*

The score is marked with time signatures (2/4, 4/4) and includes a large watermark in the center: "NB noter This music is copyright protected".



$\text{♩} = 58-62$   
(with out soundfile)  
ord. → Pont.

Handwritten musical score for a string quartet, consisting of four staves. The score includes various musical notations such as notes, rests, and dynamic markings. Key annotations include:

- Tempo:  $\text{♩} = 58-62$  (with out soundfile)
- Measure numbers: 109, 113
- Time signatures:  $\frac{2}{4}$ ,  $\frac{4}{4}$
- Performance instructions: *c.i. tratto norm.*, *Pont.*, *vibr.*, *gliss.*, *slow term.*
- Dynamic markings: *pp*, *ppp*, *p*, *f*, *fp*, *sub.p*
- Structural markings: *ca. 22"*, *ca. 5"*, *27*, *8va.*
- Other notes: *(steps door door)*, *gliss.*, *gliss.*, *gliss.*



Handwritten musical score for a string quartet, featuring multiple staves with notes, rests, and performance instructions. The score includes dynamic markings such as *mp*, *p*, *pp*, *mf*, and *pp*. Performance techniques like *c.l. tratto*, *gliss.*, *arco*, *pizz.*, *vibr.*, and *Norm. bow* are indicated. The piece is marked with a tempo of  $\text{♩} = 55$  and includes a rehearsal mark  $\textcircled{30}$ . The score is divided into measures, with some measures containing triplets and other rhythmic patterns. The key signature is one sharp (F#) and the time signature is 4/4. The score concludes with a double bar line and repeat dots.





143

Norm. bow Ord.

32

f

mf

mp

p

ff

147

ff

f

f

f

♩ = 60  
click

150

Musical score for measures 150-153. The score consists of four staves. Measure 150 starts with a circled number '33'. Above the first staff, there are handwritten annotations: '3' above a triplet, '3' above another triplet, and '2' above a pair of notes. Above the second staff, there are '3' and '3' above triplets, and 'II' and 'III' above notes. Above the third staff, there are '3' and '3' above triplets. Above the fourth staff, there are '3' and '3' above triplets. Measure 151 has similar annotations. Measure 152 has a '3' above a triplet and a '2' above a pair of notes. Measure 153 has a '2' above a pair of notes. Dynamics include 'fp' and 'f'. A watermark 'AB noter' is visible across the score.

Musical score for measures 154-157. The score consists of four staves. Measure 154 starts with a circled number '156'. Above the first staff, there are '3' and '4' above notes. Above the second staff, there are '3' and '4' above notes. Above the third staff, there are '3' and '4' above notes. Above the fourth staff, there are '3' and '4' above notes. Measure 155 has similar annotations. Measure 156 has a '3' above a triplet and a '2' above a pair of notes. Measure 157 has a '3' above a triplet and a '4' above notes. Dynamics include 'fp', 'f', 'mf', and 'pp'. A watermark 'AB noter' is visible across the score.

♩ = 50-52

Handwritten musical score for the first system, measures 159-162. The score is written on four staves. The first staff has a treble clef and a key signature of one sharp (F#). The second staff has a bass clef. The third and fourth staves have a bass clef and a 3/4 time signature. The first staff contains notes with a circled '34' and a '3' above it. The second staff contains notes with 'pizz.' and '5:4' markings. The third staff contains notes with 'just.' and '5:4' markings. The fourth staff contains notes with 'pizz.' and '5' markings. The word 'seagull' is written in the second staff between measures 161 and 162. A '3' is written above the first staff in measure 162.

Handwritten musical score for the second system, measures 163-168. The score is written on four staves. The first staff has a treble clef and a key signature of one sharp (F#). The second staff has a bass clef. The third and fourth staves have a bass clef and a 3/4 time signature. The first staff contains notes with a circled '168' and a '3' above it. The second staff contains notes with 'pizz.' and '5' markings. The third staff contains notes with 'pizz.' and '5' markings. The fourth staff contains notes with 'pizz.' and '5' markings. The word 'seagull' is written in the first staff between measures 163 and 164. A '3' is written above the first staff in measure 168.

soundfile continues

ca. 20"

13.09.2022