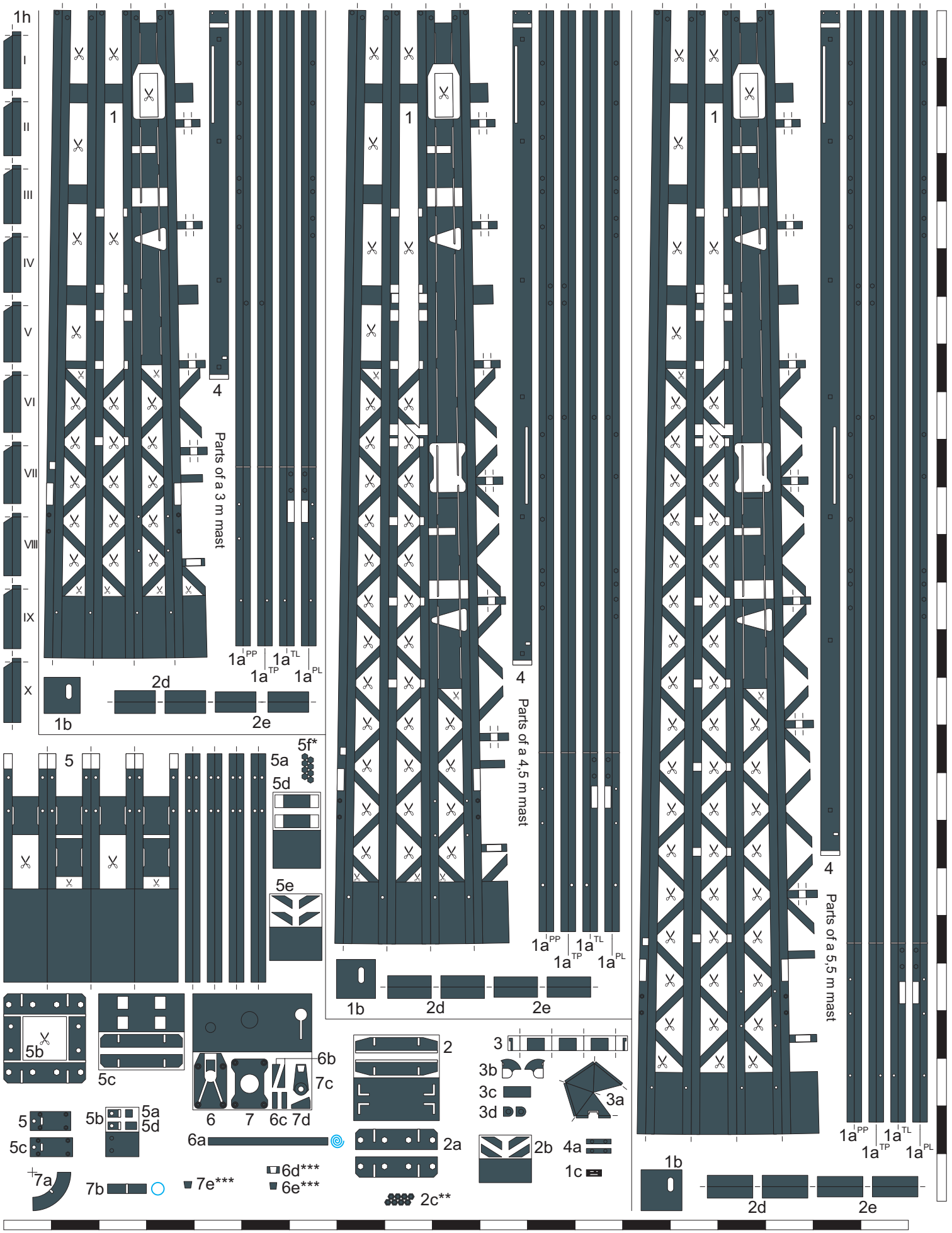
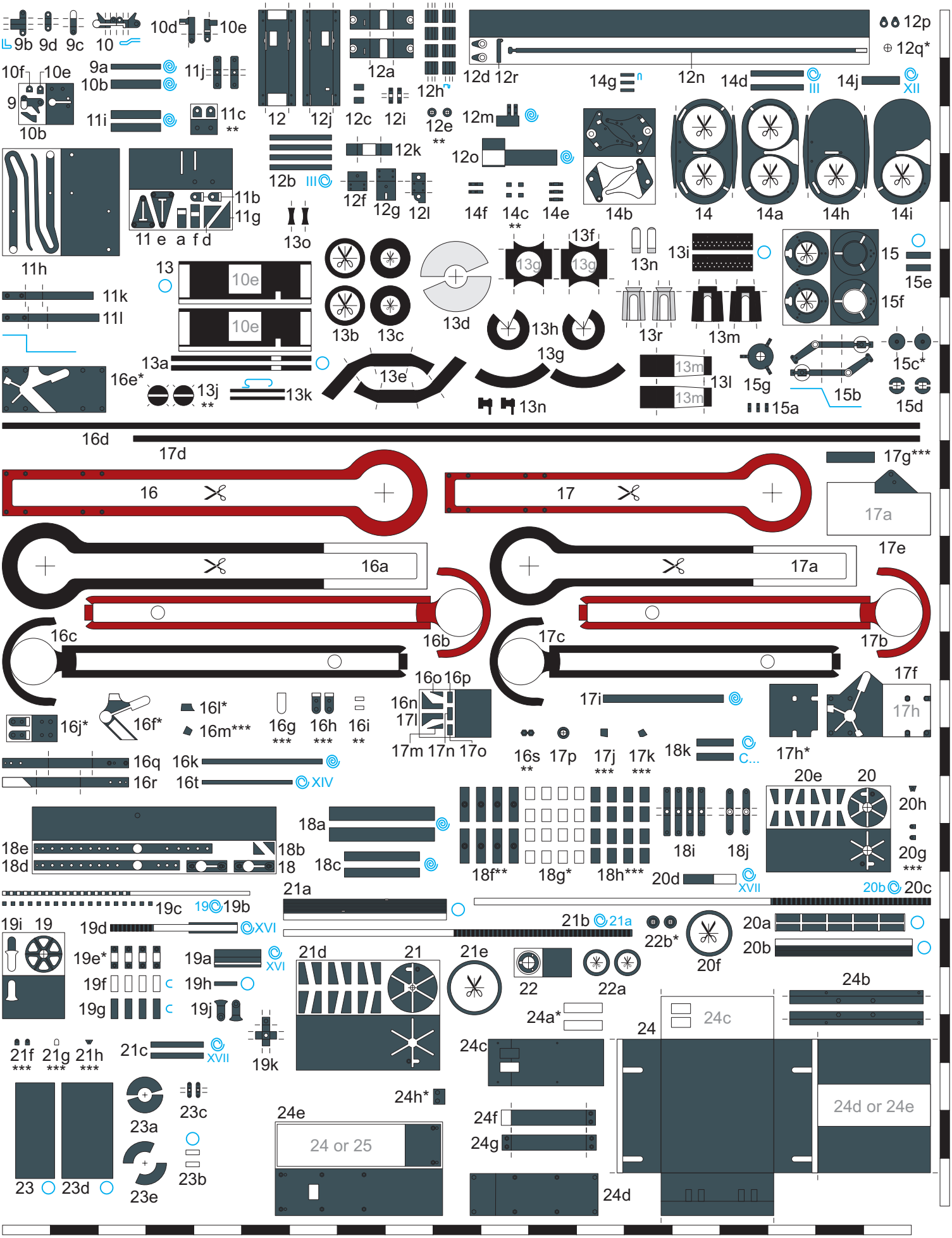


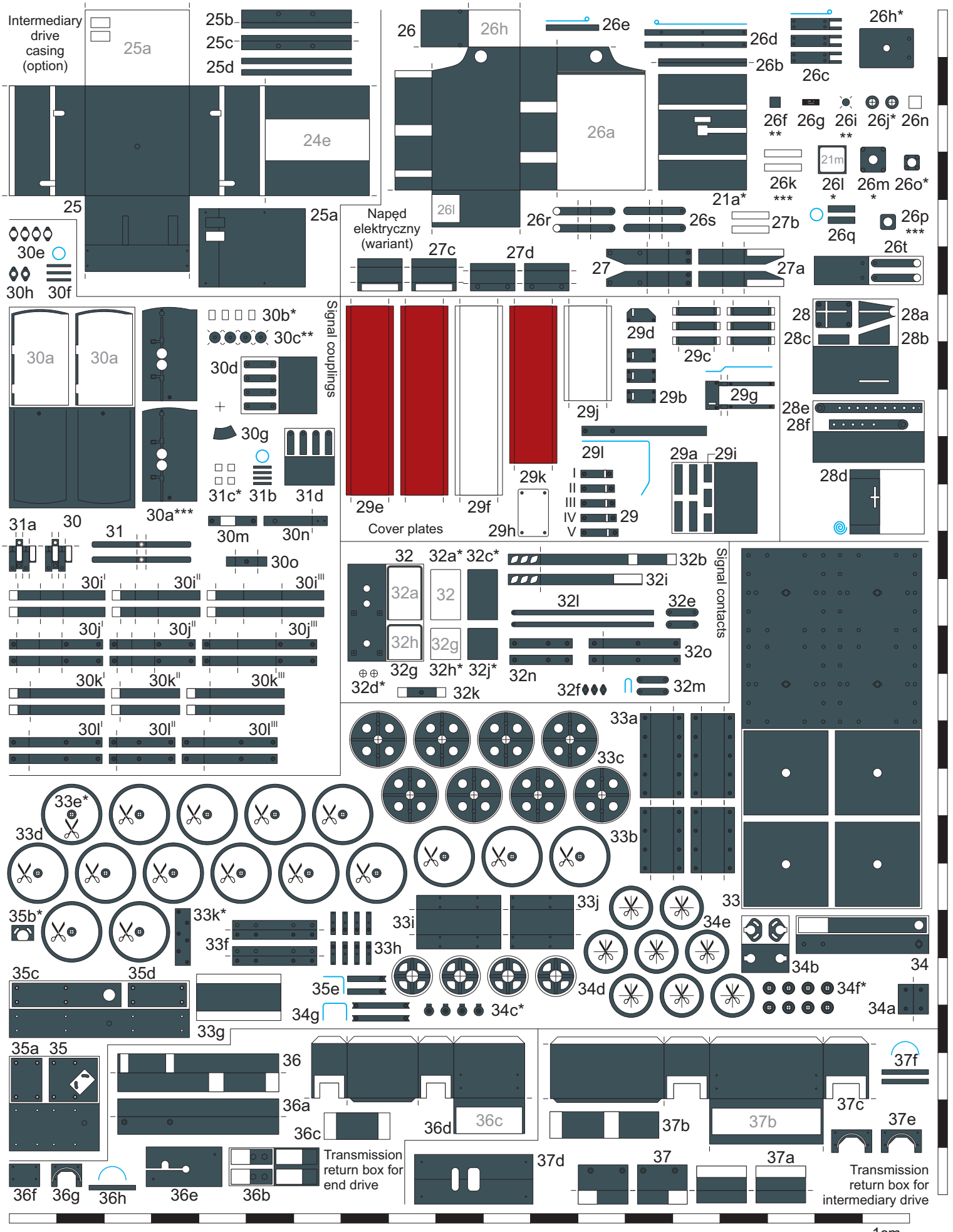
Dwarf semaphore signal, scale 1:25

Author: Paweł Adamowicz (http://pkprepo.net/), 2022-2023, selected rights reserved (cc) BY-NC-ND



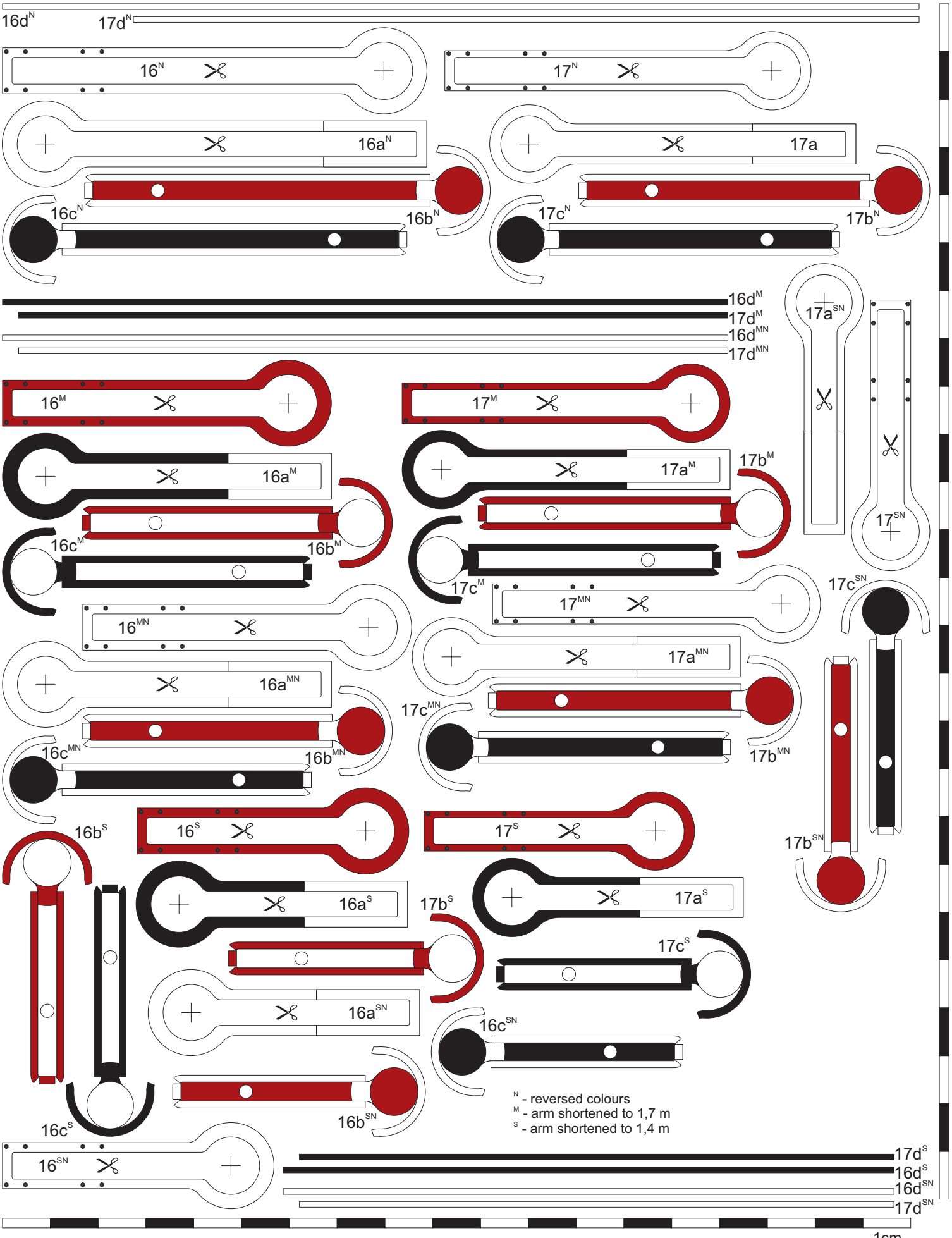
Dwarf semaphore signal, scale 1:25

Author: Paweł Adamowicz (http://pkprepo.net/), 2022-2023, selected rights reserved (cc) BY-NC-ND



Dwarf semaphore signal, scale 1:25

Author: Paweł Adamowicz (http://pkprepo.net/), 2022-2023, selected rights reserved (cc) BY-NC-ND



^N - reversed colours
^M - arm shortened to 1,7 m
^S - arm shortened to 1,4 m

Dwarf semaphore signal, scale 1:25

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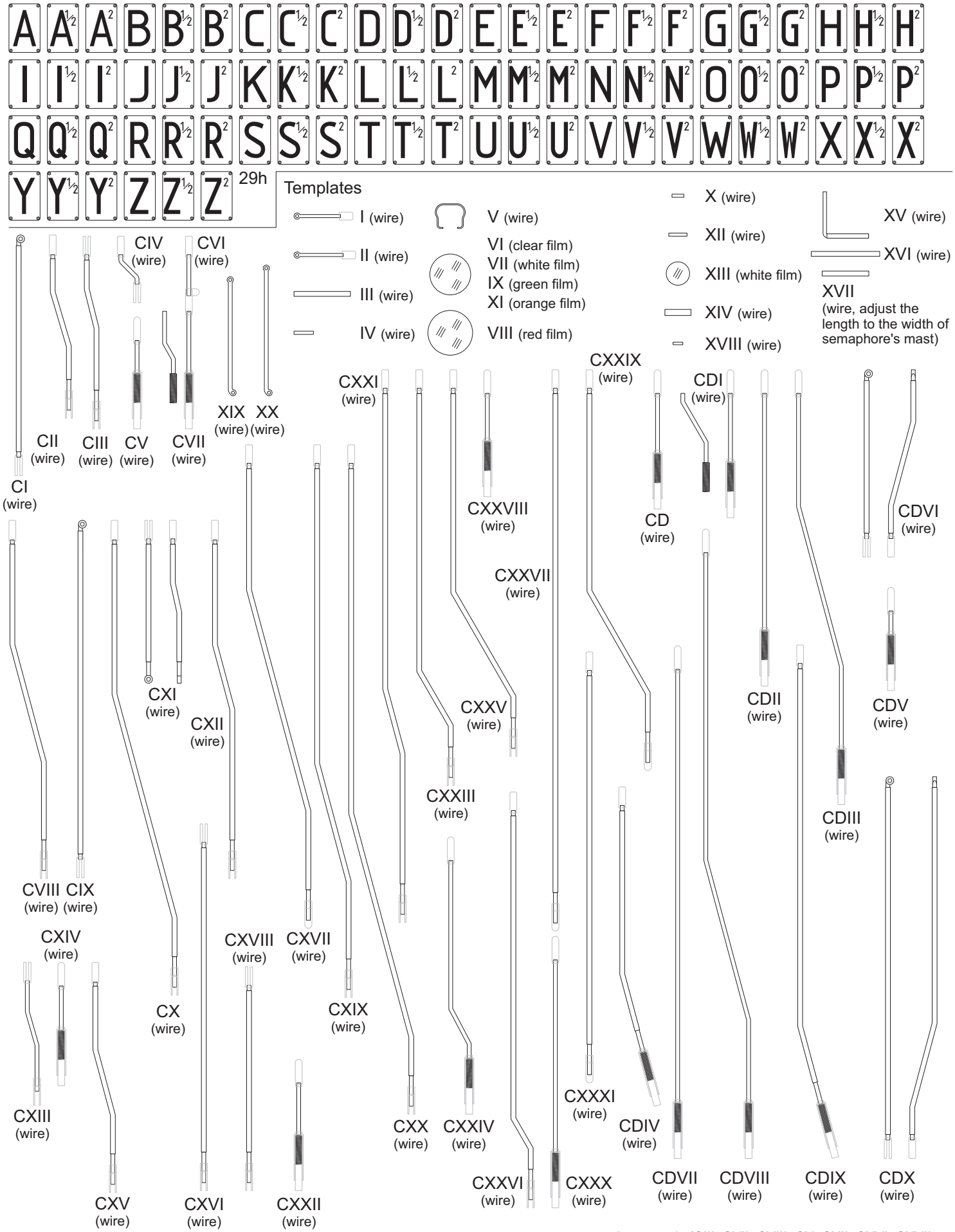

Dwarf semaphore signal, scale 1:25

Lower rods (CIII, CVII, CVIII, CX, CXII, CXVI, CXVII, CXIX, CXX, CXXI, CXXII, CXXIII, CXXV, CXXVIII, CXXIX, CXXX, CXXXII) for intermediary drive have to be 2 mm longer.

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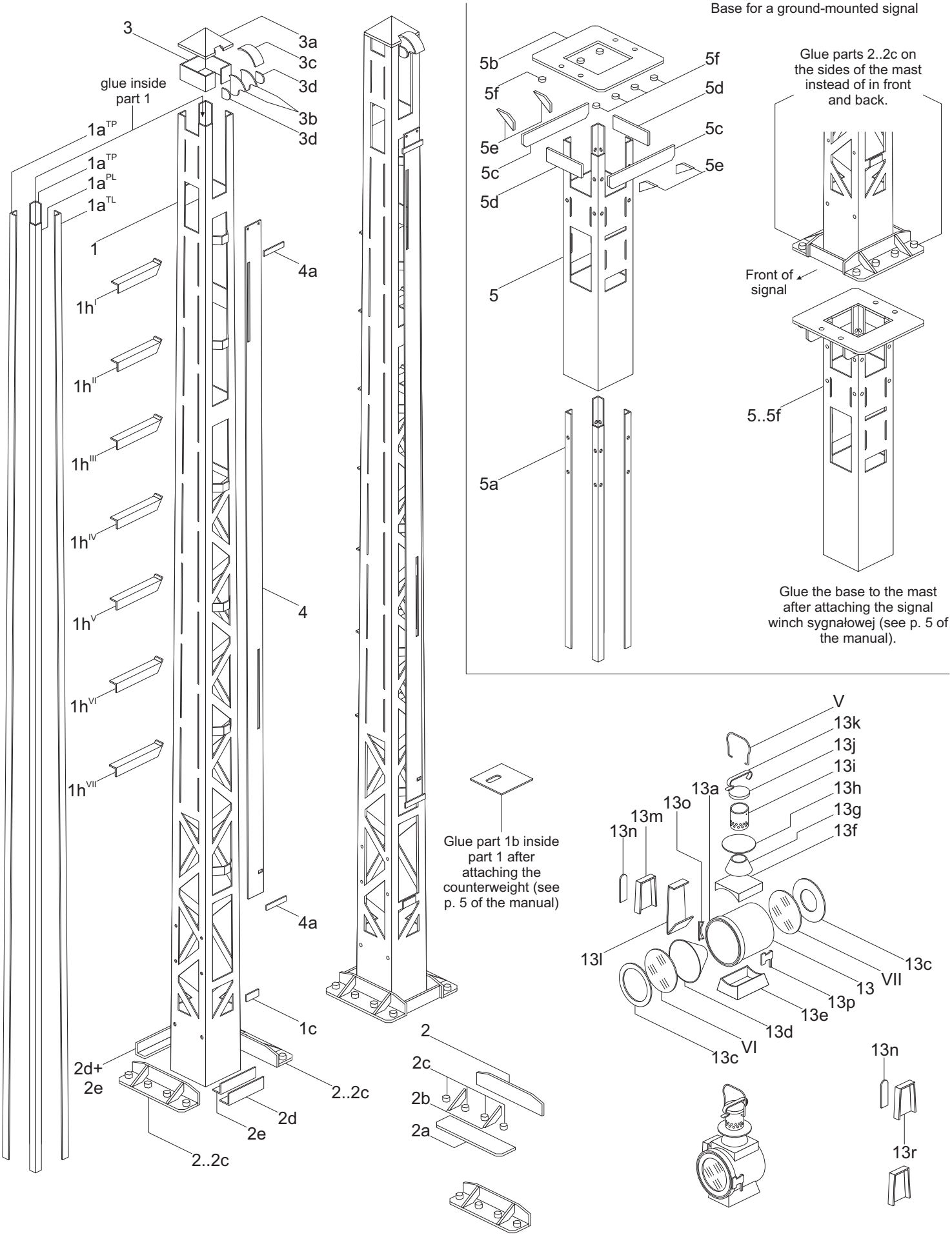
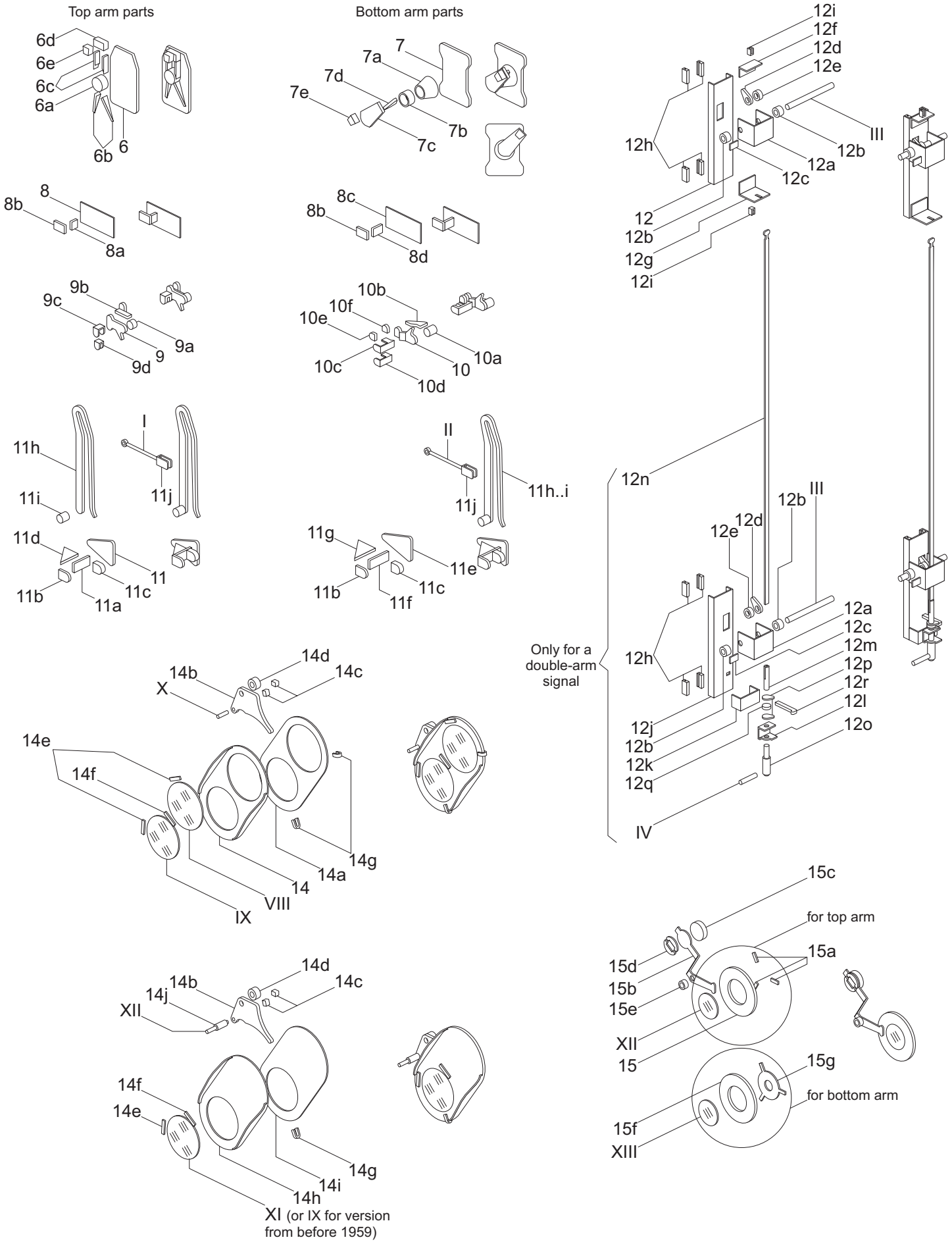


Dwarf semaphore signal, scale 1:25

Assembly manual 1/15

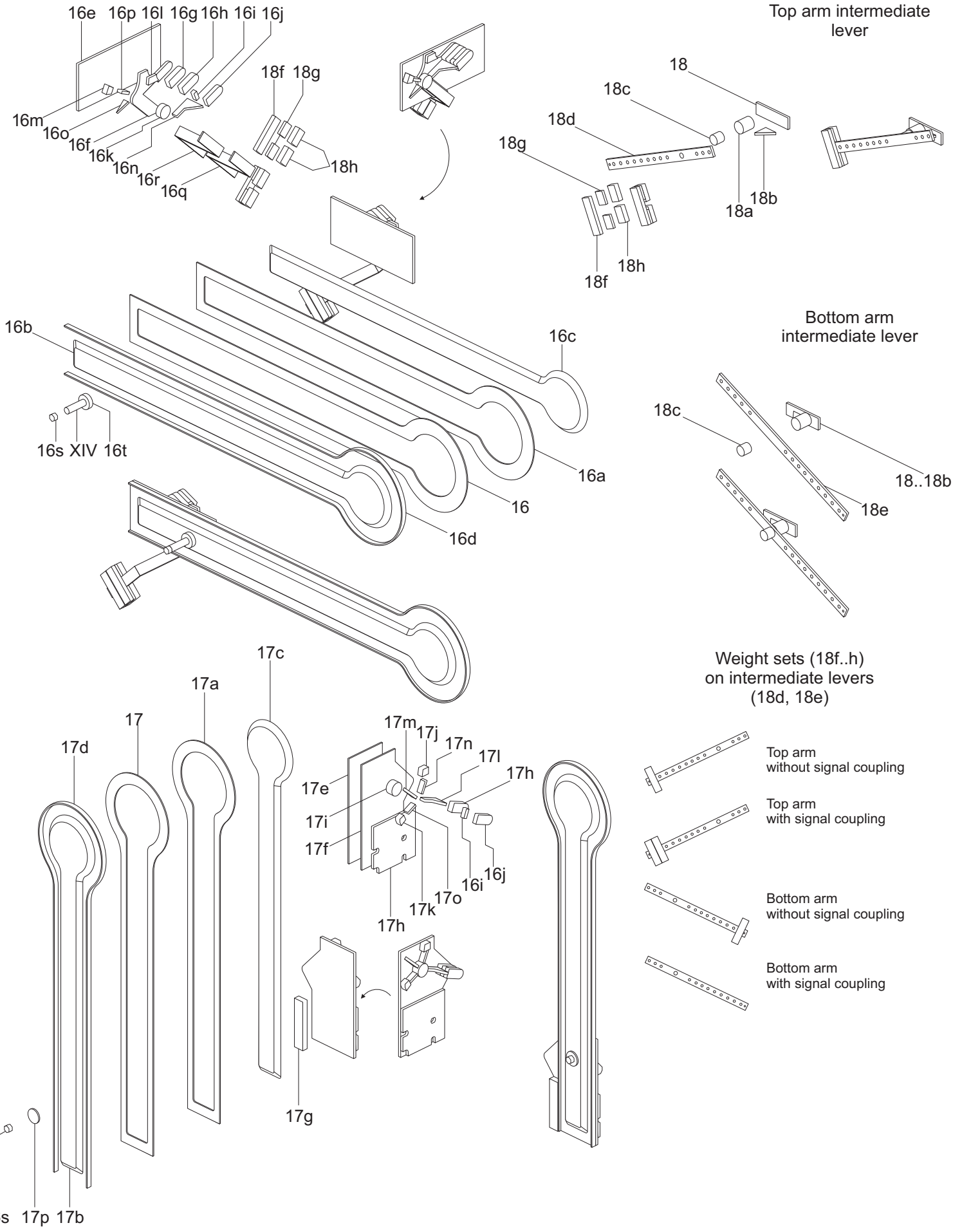
Author: Paweł Adamowicz (http://pkprepo.net/), 2022-2023, selected rights reserved (cc) BY-NC-ND



Dwarf semaphore signal, scale 1:25

Assembly manual 2/15

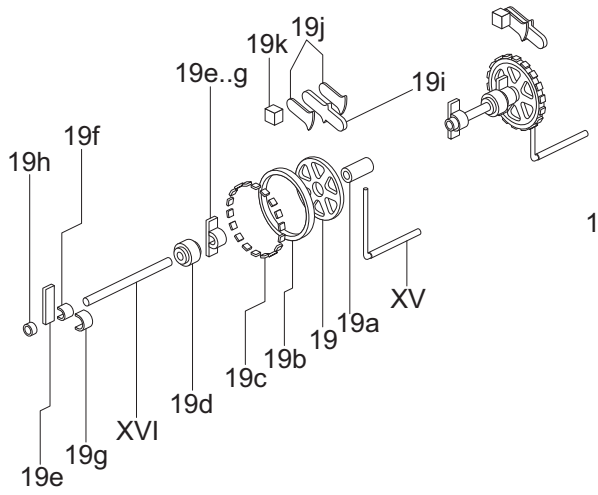
Author: Paweł Adamowicz (http://pkprepo.net/), 2022-2023, selected rights reserved (cc) BY-NC-ND

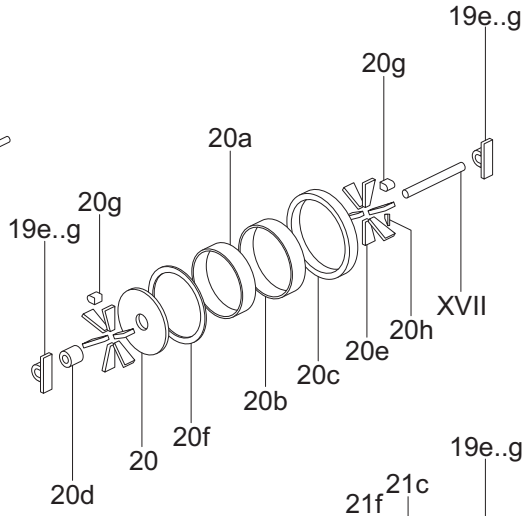


Dwarf semaphore signal, scale 1:25

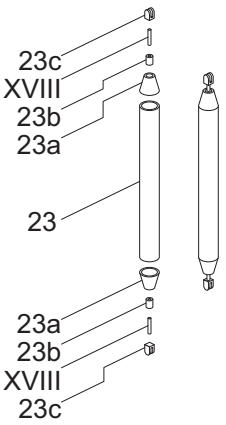
Assembly manual 3/15

Author: Paweł Adamowicz (http://pkprepo.net/), 2022-2023, selected rights reserved (cc) BY-NC-ND

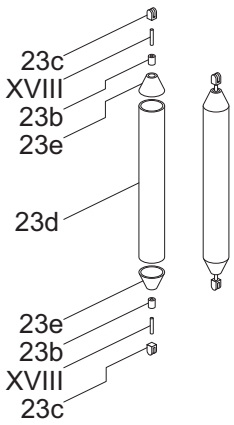




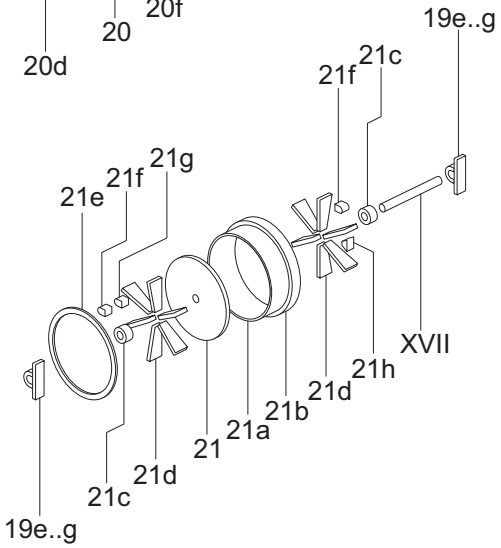
Winch drum for 3 m and 4,5 m masts.



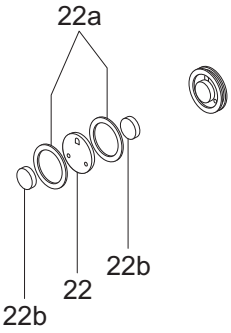
For single arm semaphore



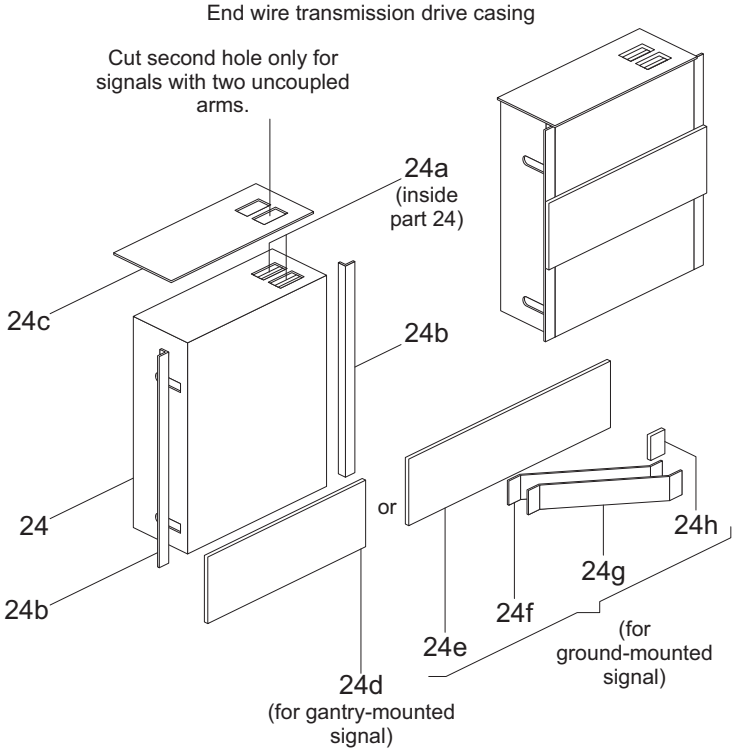
For double arm semaphore



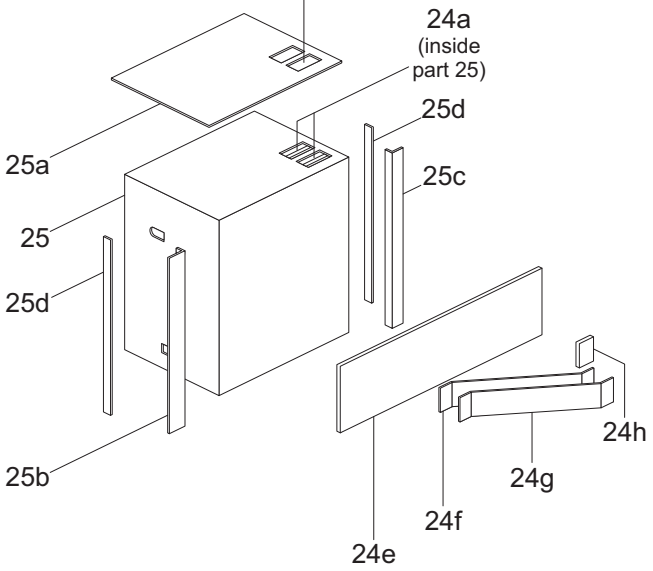
Winch drum for 5,5 m masts.



End wire transmission drive casing



Intermediary wire transmission drive casing (only for ground-mounted signals)



Dwarf semaphore signal, scale 1:25

Assembly manual 4/15

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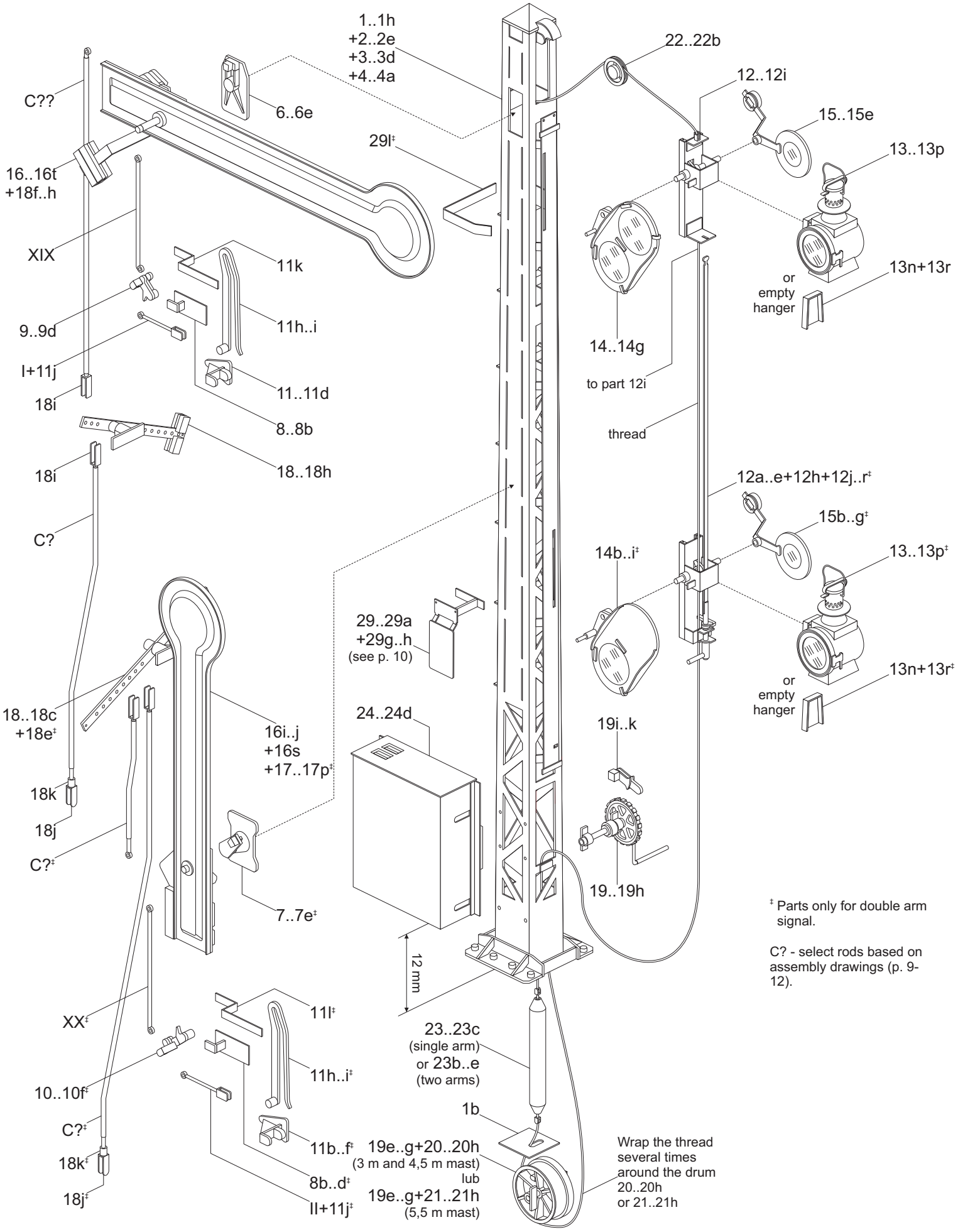

‡ Parts only for double arm signal.

C? - select rods based on assembly drawings (p. 9-12).

Dwarf semaphore signal, scale 1:25

Assembly manual 5/15

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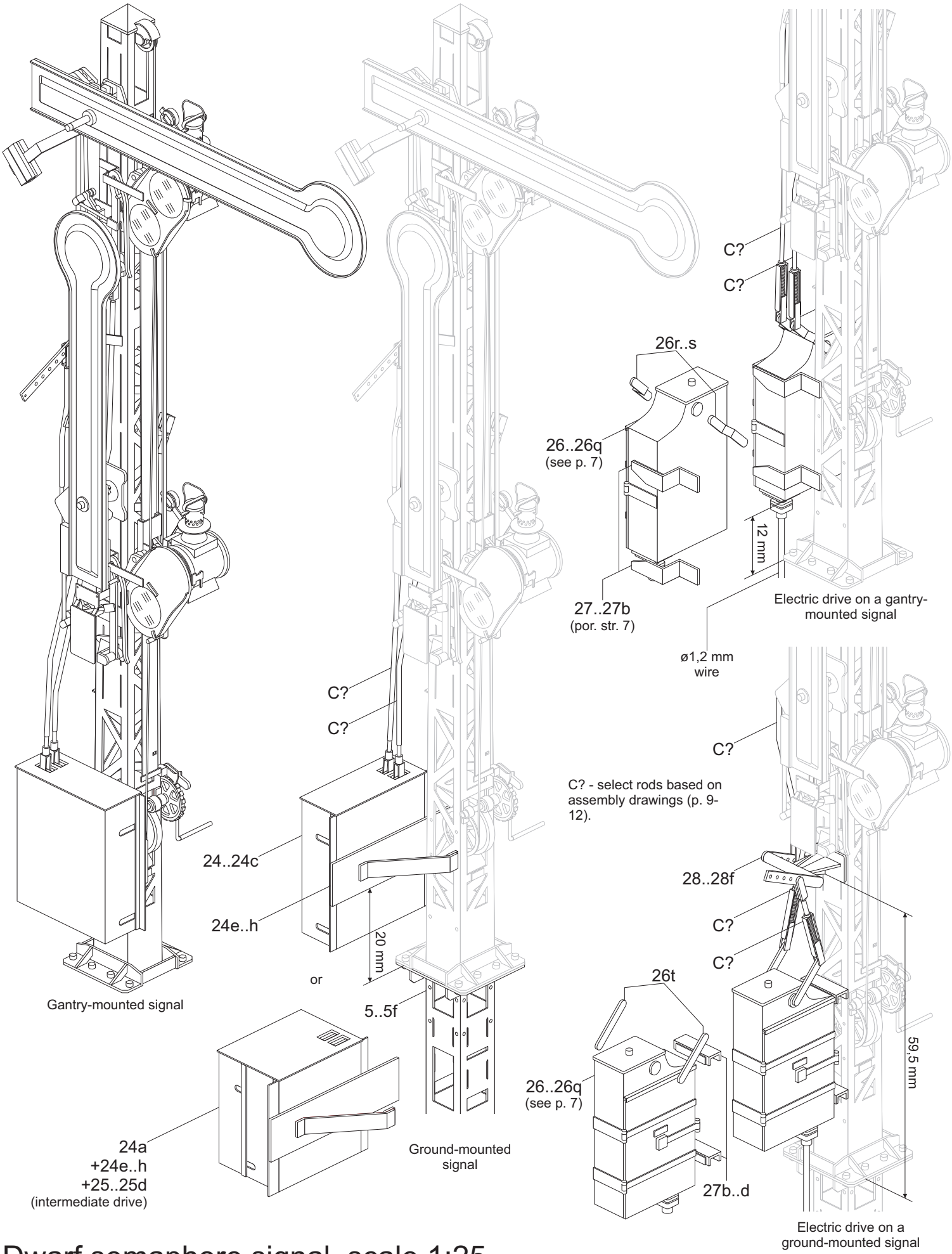

Dwarf semaphore signal, scale 1:25

Assembly manual 6/15

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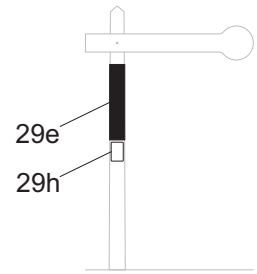
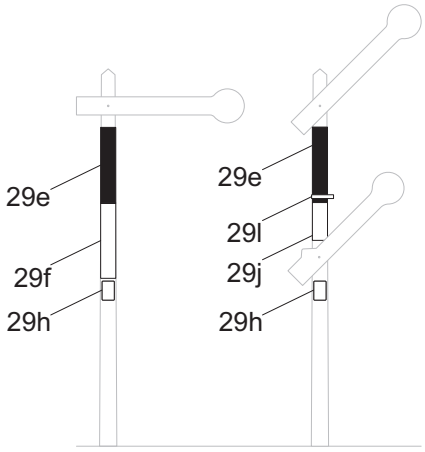
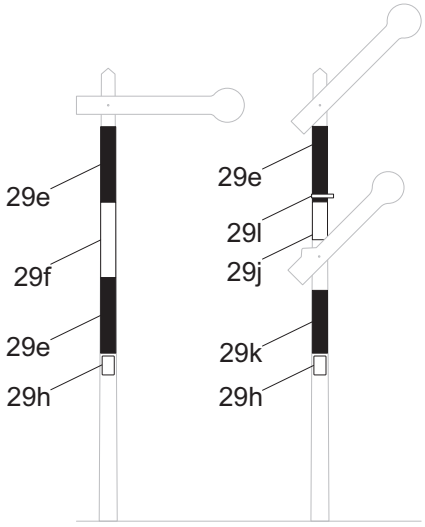


3 m mast

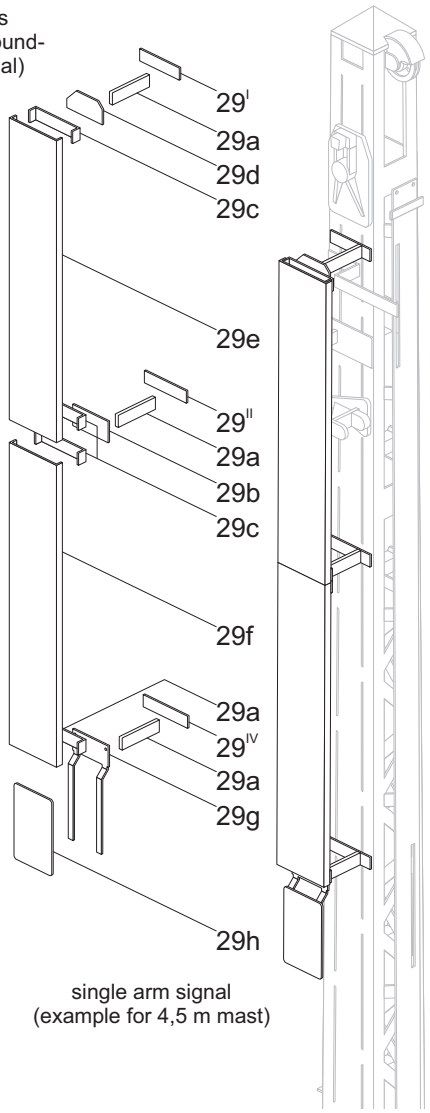


4,5 m mast

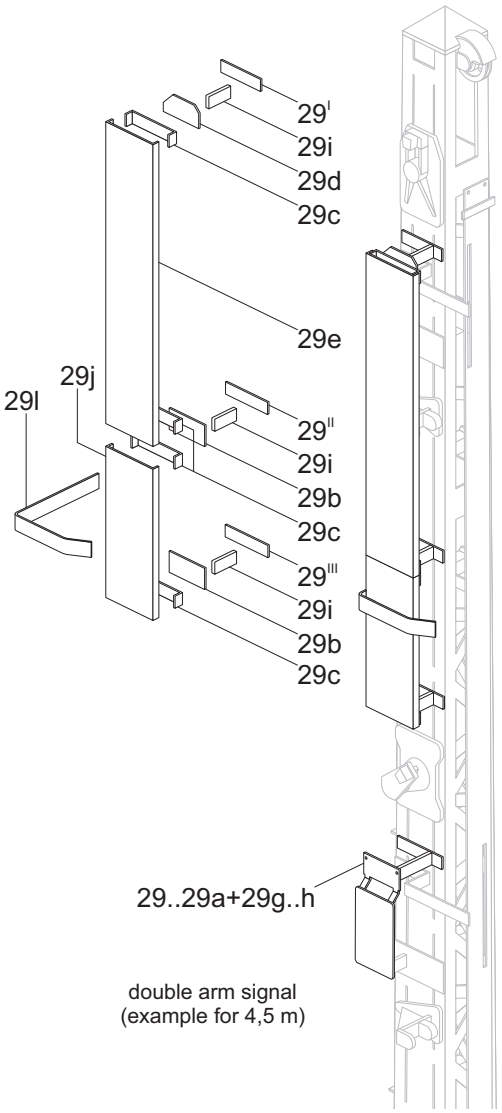


5,5 m mast

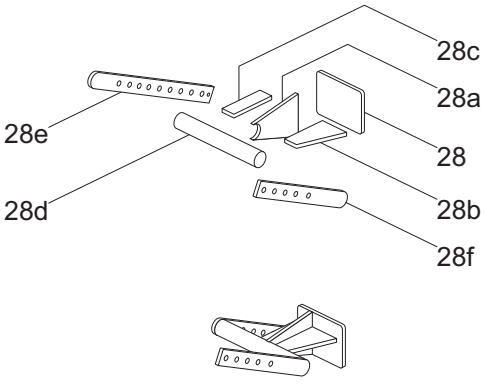
Cover plates
(only for the ground-mounted signal)

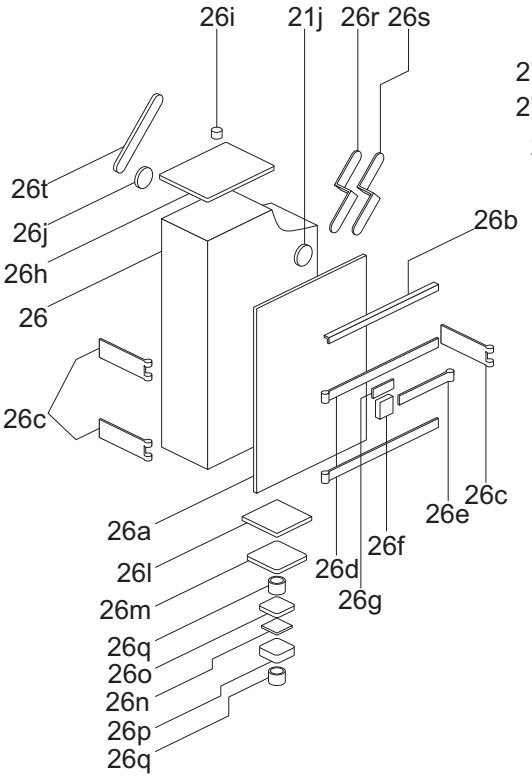


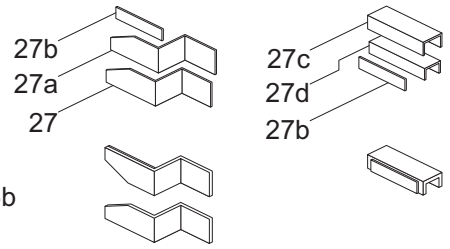
single arm signal
(example for 4,5 m mast)

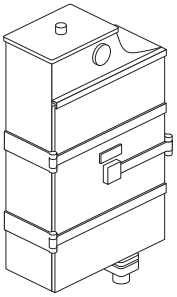


double arm signal
(example for 4,5 m)









Parts of electric drive

Dwarf semaphore signal, scale 1:25

Assembly manual 7/15

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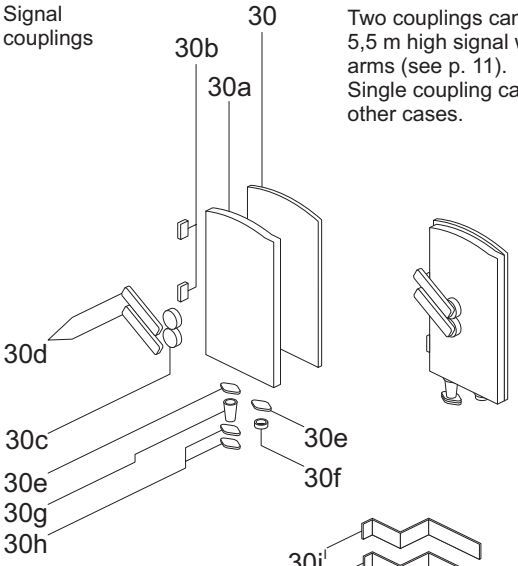
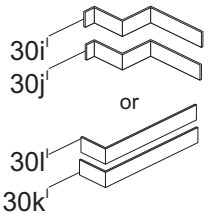
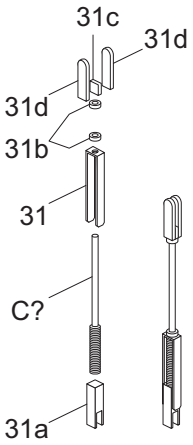
Signal couplings

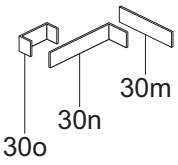


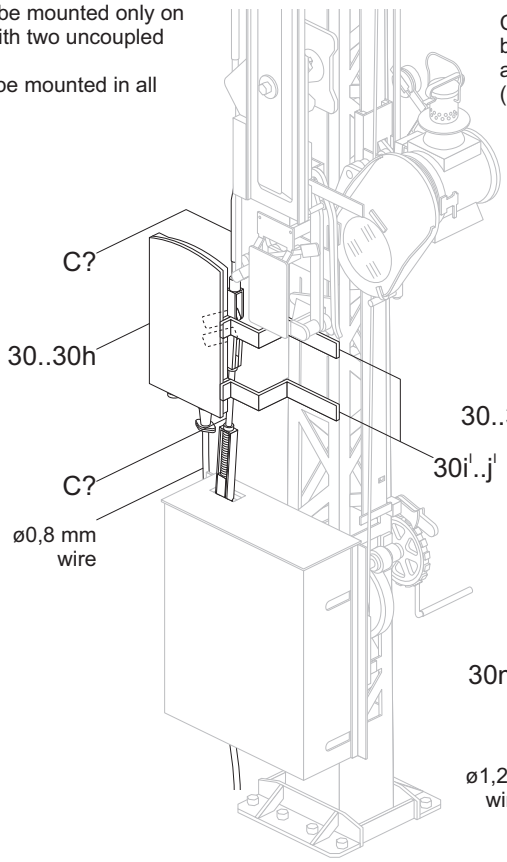
Two couplings can be mounted only on 5,5 m high signal with two uncoupled arms (see p. 11).
Single coupling ca be mounted in all other cases.





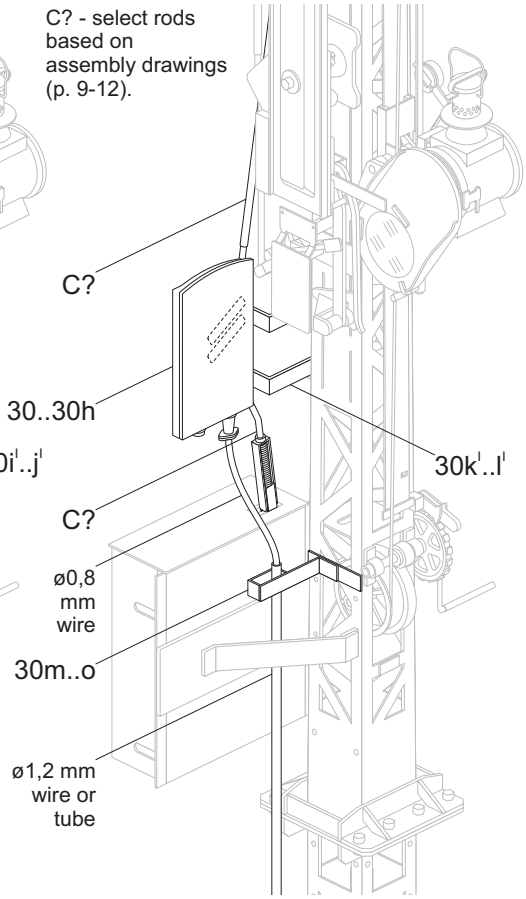
On 5,5 m mast use parts 30i''..j'' or 30k''..l'' for top arm coupling and 30i'''..j''' or 30k'''..l''' for bottom arm coupling





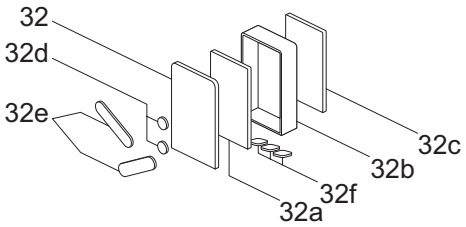
Gantry-mounted signal

C? - select rods based on assembly drawings (p. 9-12).

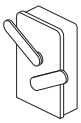


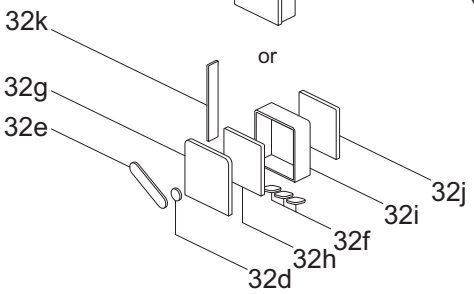
Ground-mounted signal

Signal contact

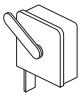


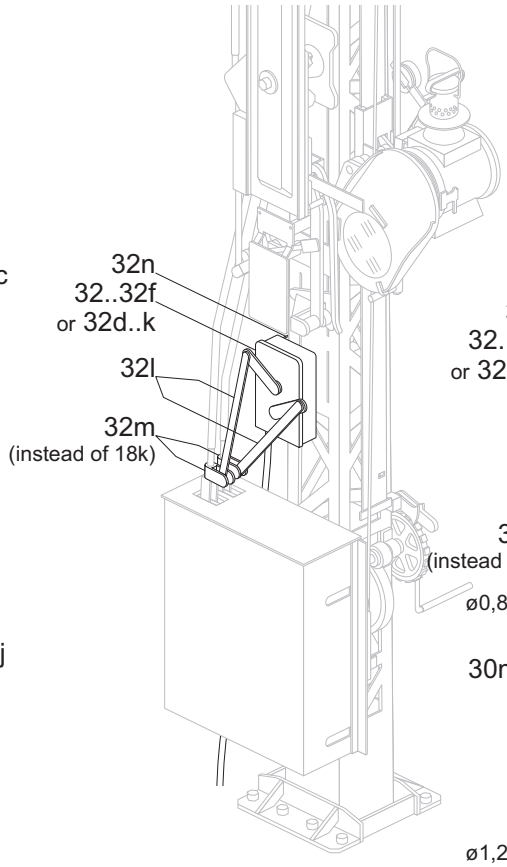
Only for signal with two uncoupled arms.

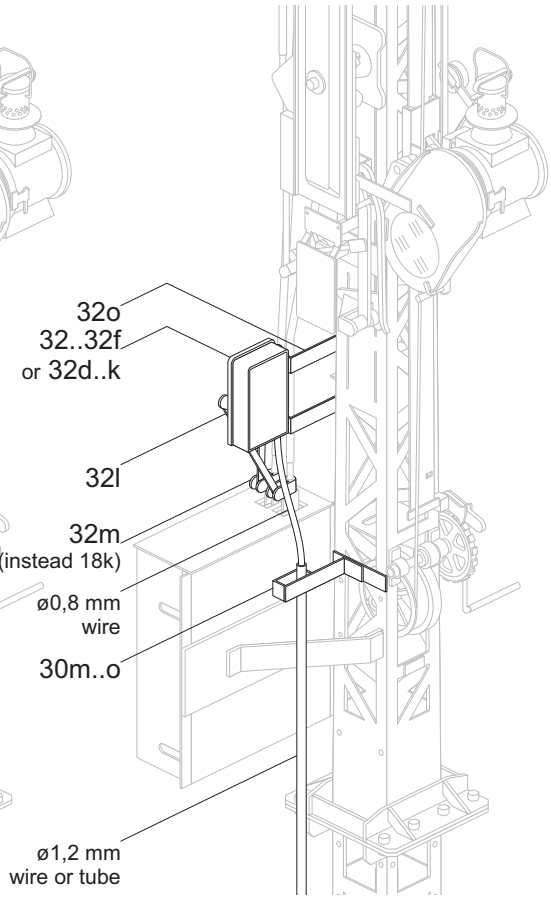




For signal with one arm or two coupled arms.







Dwarf semaphore signal, scale 1:25

Assembly manual 8/15

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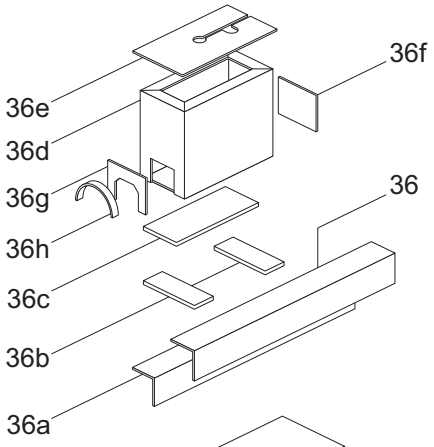
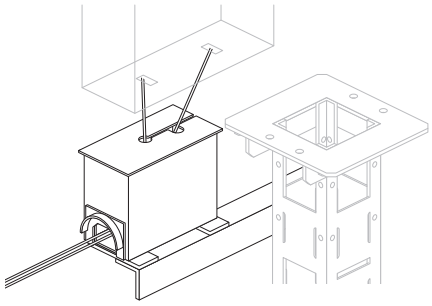
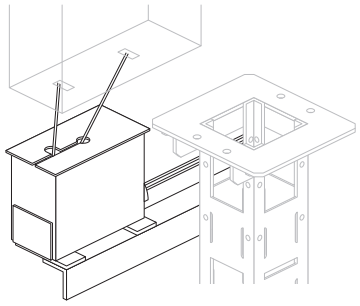
Return boxes for underground wire transmission (only for ground-mounted signal)



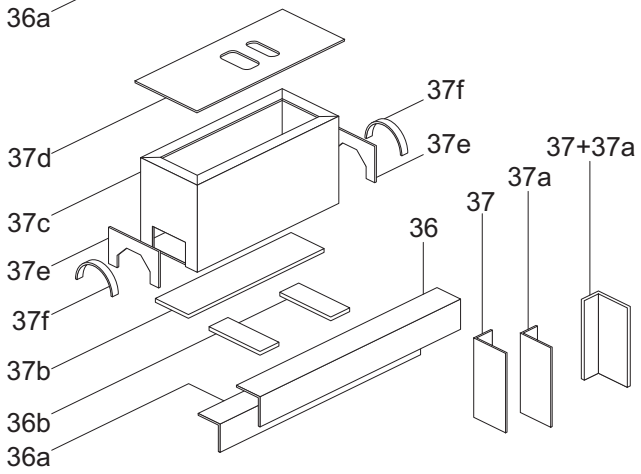


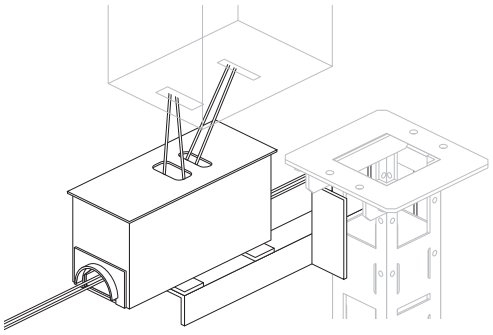
Transmission entering in front of the signal



Transmission enteringfrom behind of the signal

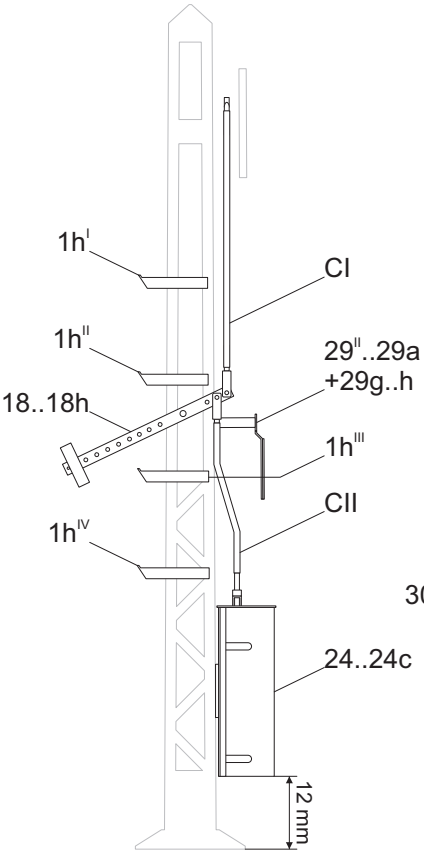
Return box for end drive



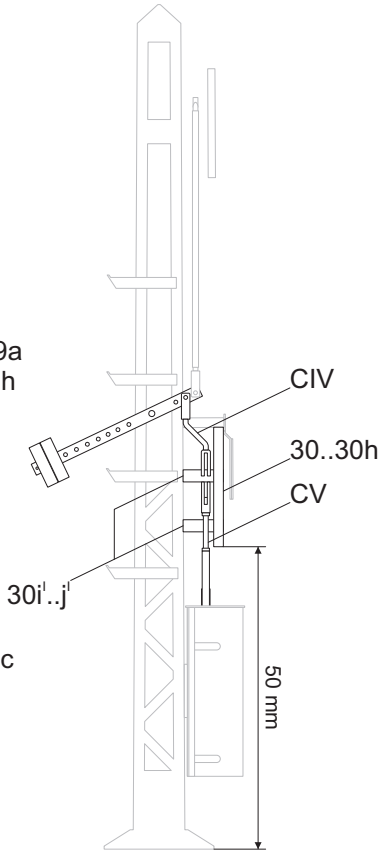


Return box for intermediary drive

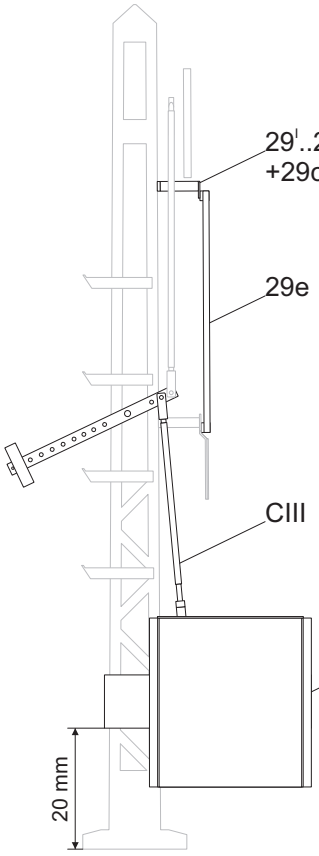
Signal on a 3 m mast



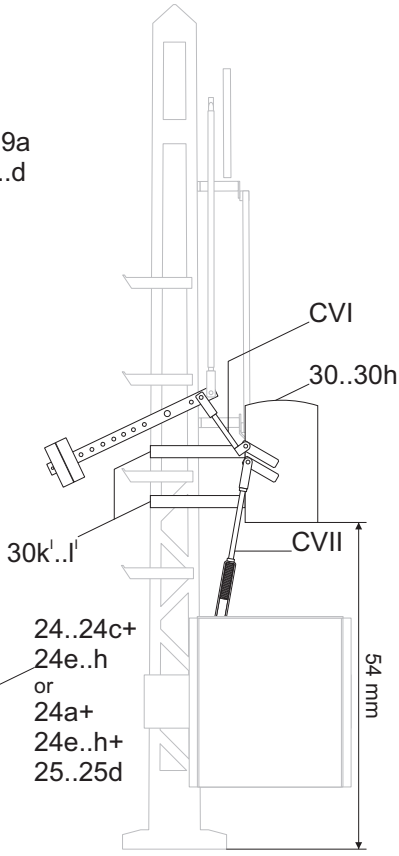
gantry-mounted



gantry-mounted,
with coupling



ground-monuted



ground-mounted,
with coupling

Dwarf semaphore signal, scale 1:25

Assembly manual 9/15

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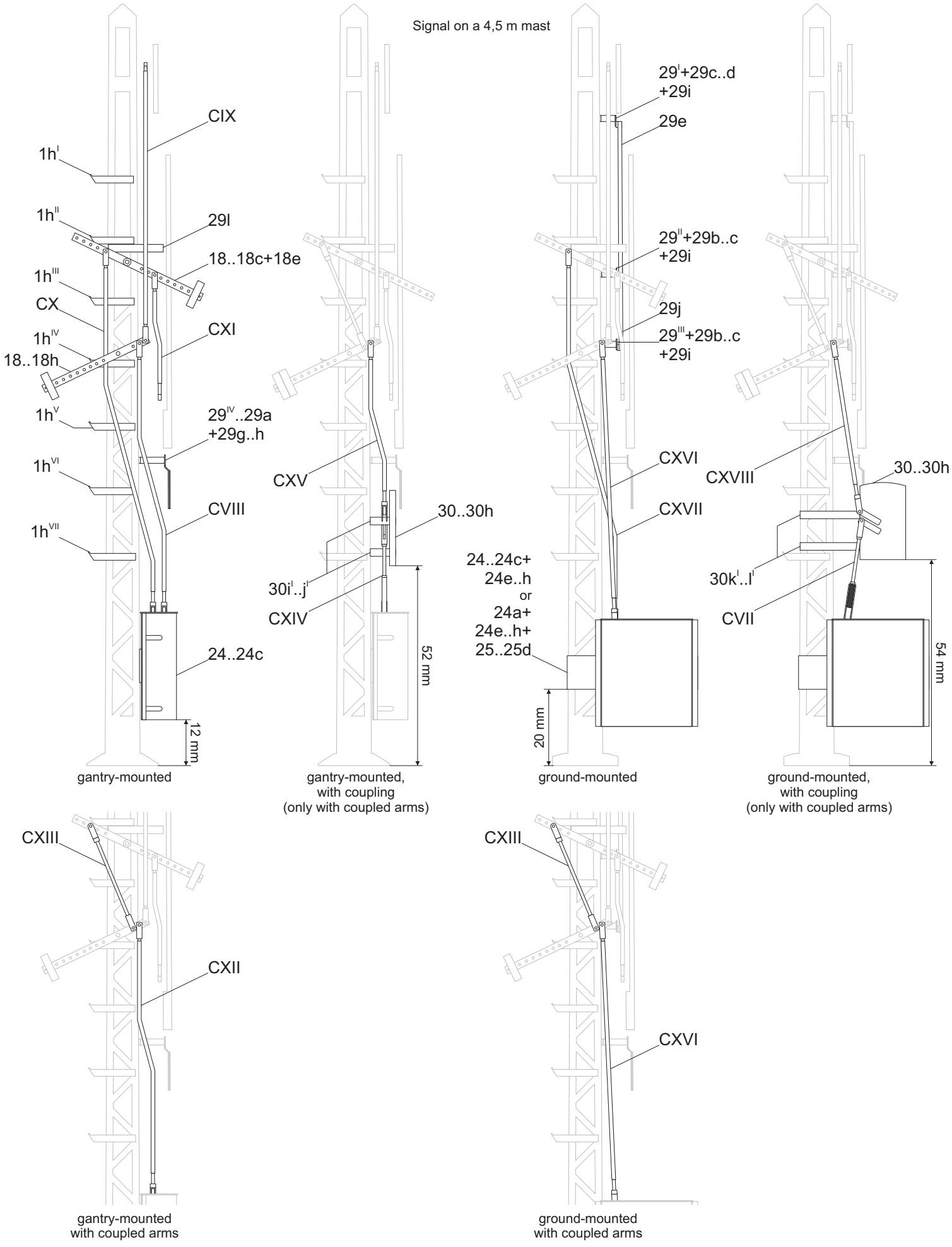

Dwarf semaphore signal, scale 1:25

Assembly manual 10/15

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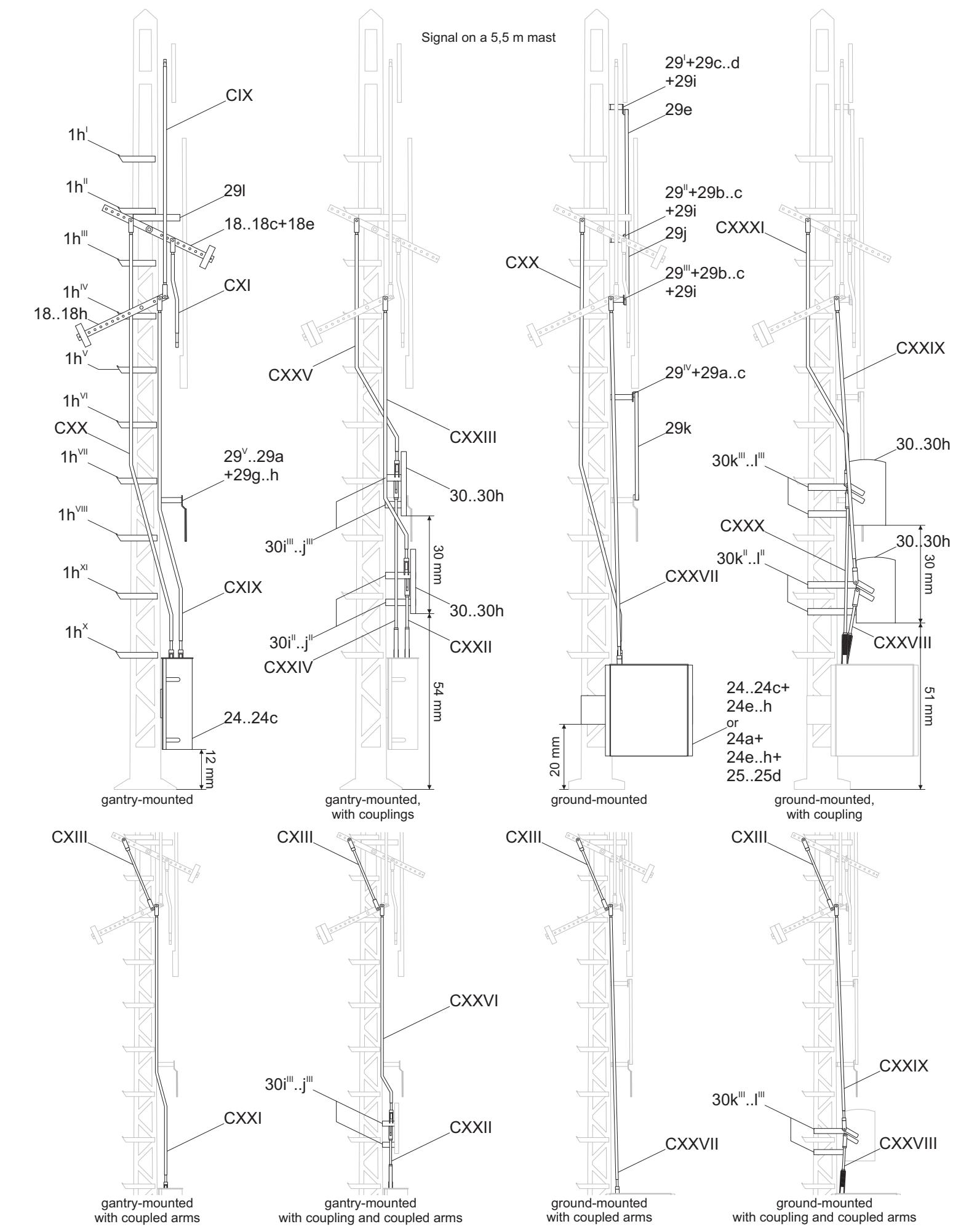

Dwarf semaphore signal, scale 1:25

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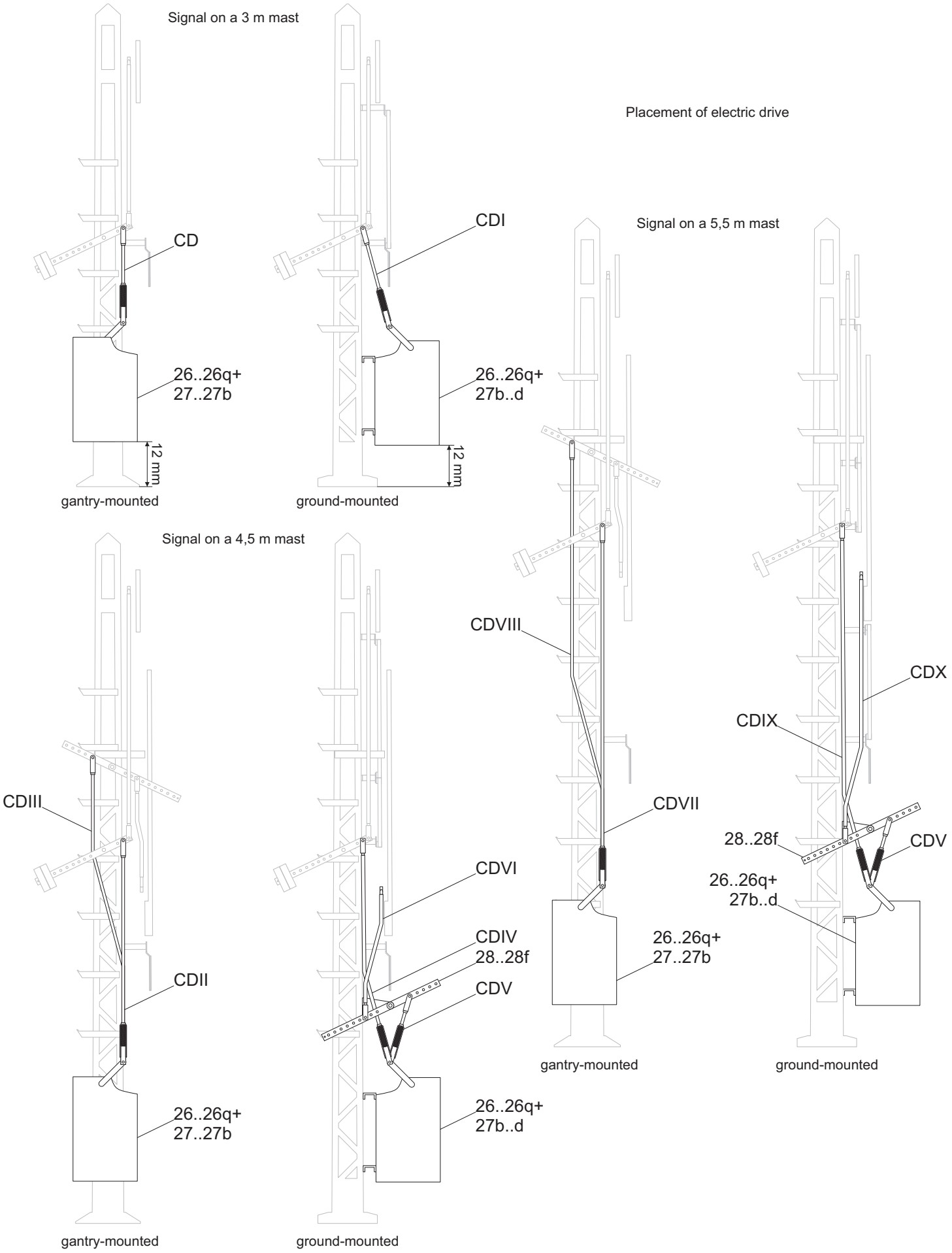

Dwarf semaphore signal, scale 1:25

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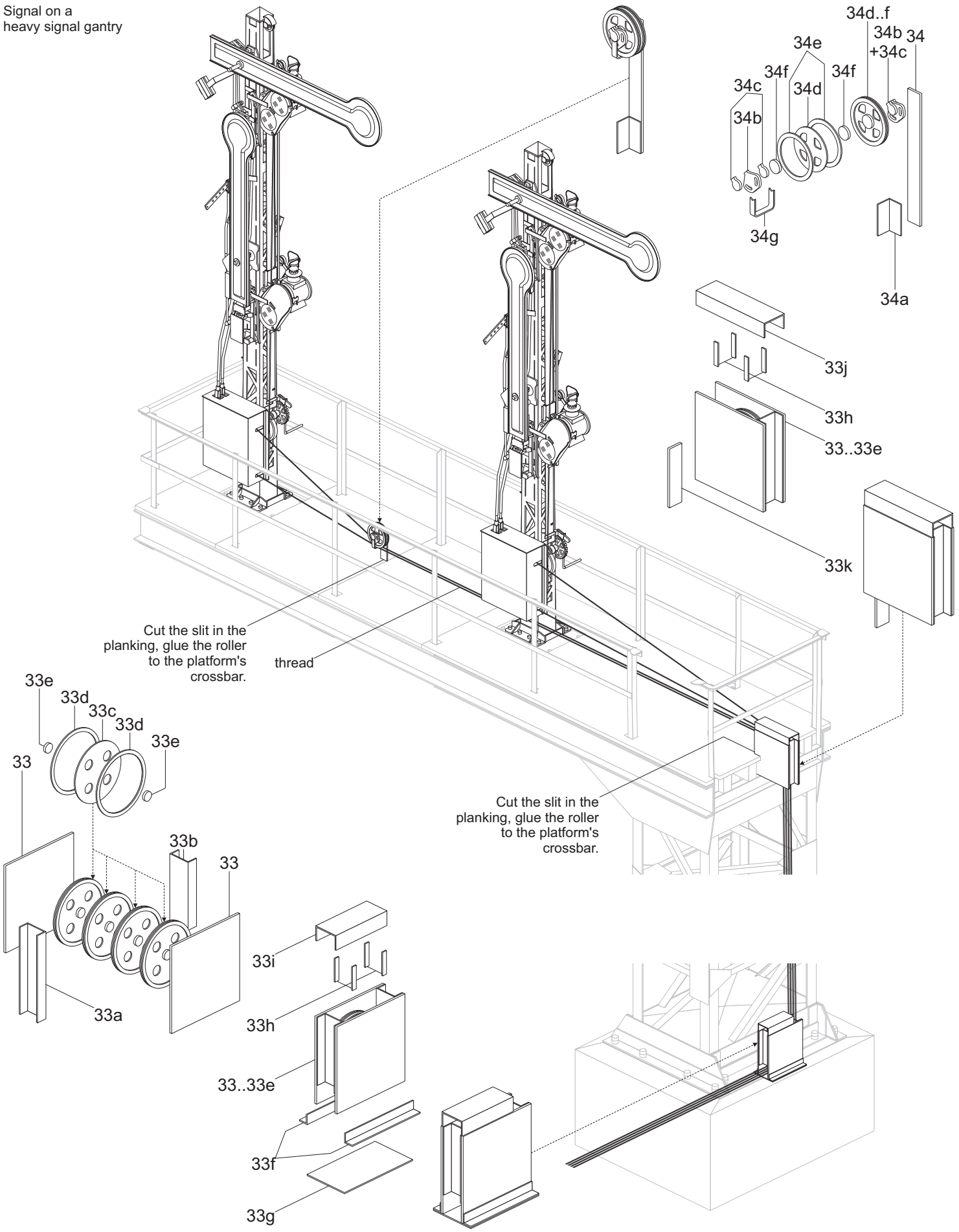
Signal on a
heavy signal gantry



Dwarf semaphore signal, scale 1:25

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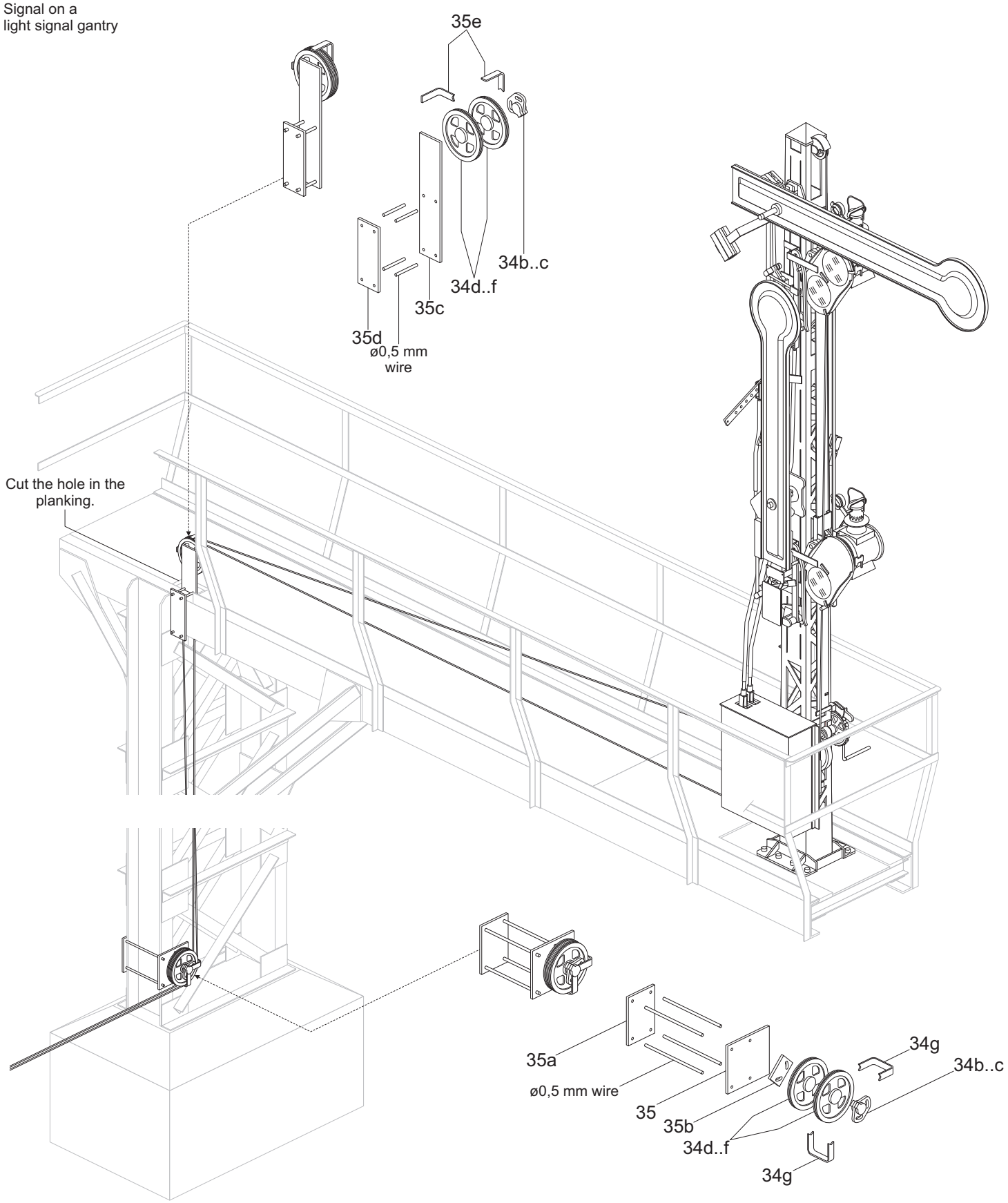

Dwarf semaphore signal, scale 1:25

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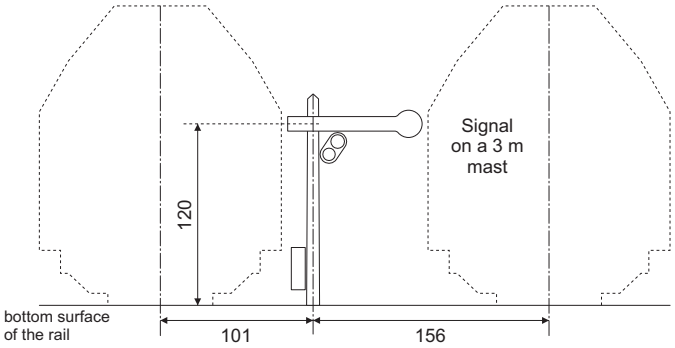
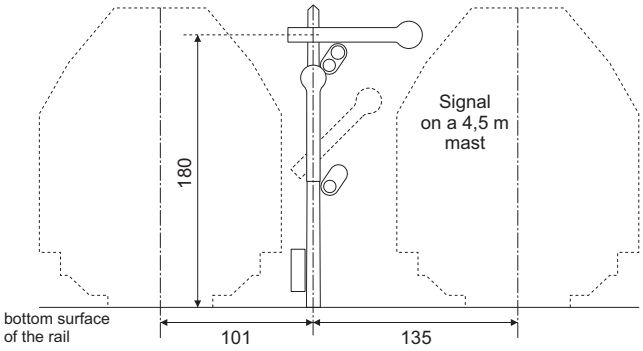
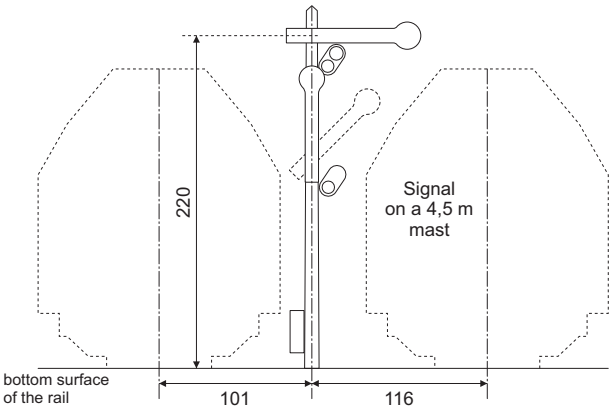
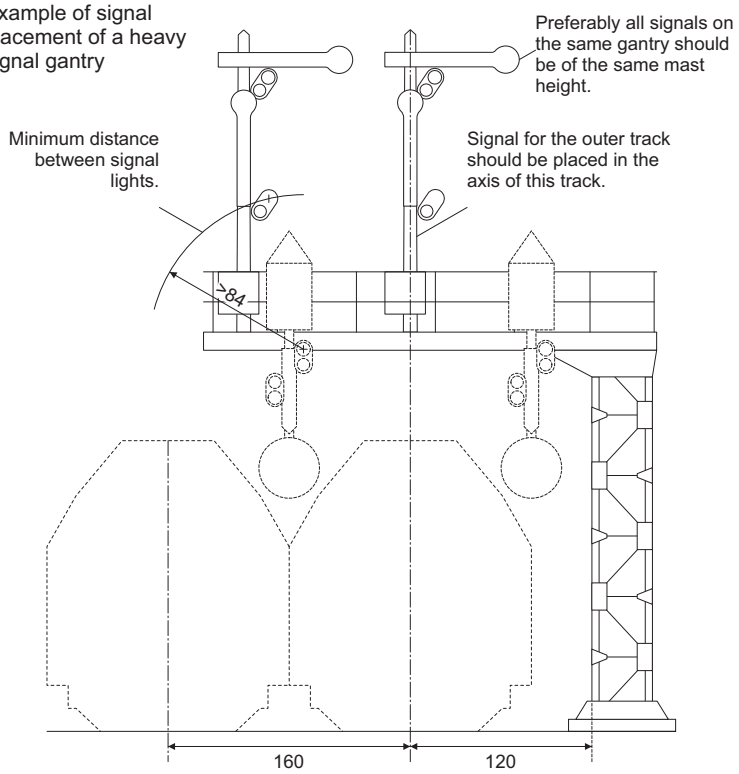




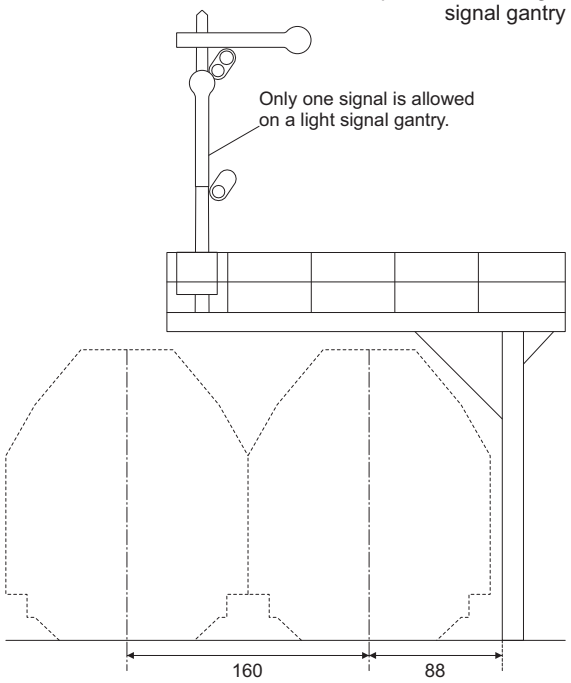
Placement of the signal against the loading gauge
(ground-mounted signal)

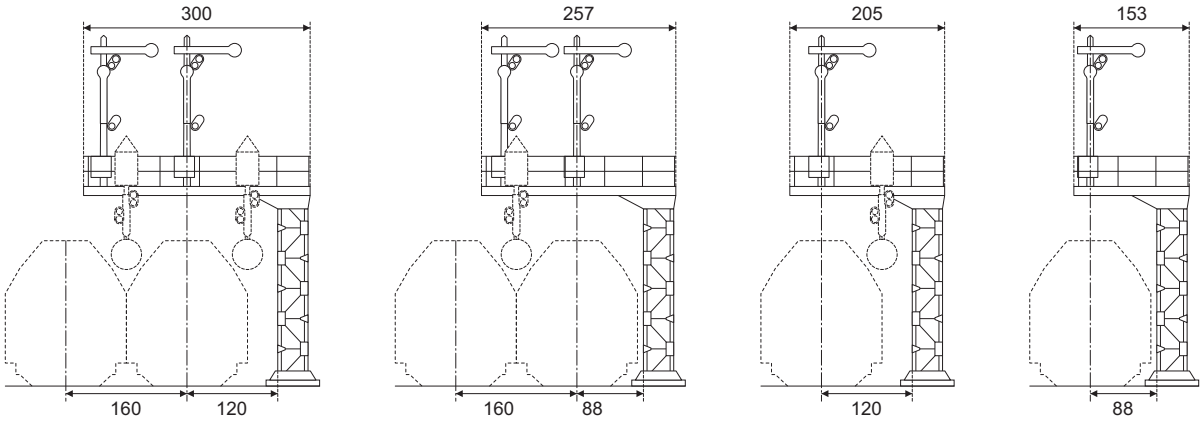


Example of signal
placement of a heavy
signal gantry



Example of signal
placement of a light
signal gantry





Dwarf semaphore signal, scale 1:25

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