



Mobility RAN P&I Hardware Standards: Core 5G RAN

[Related Documents](#)

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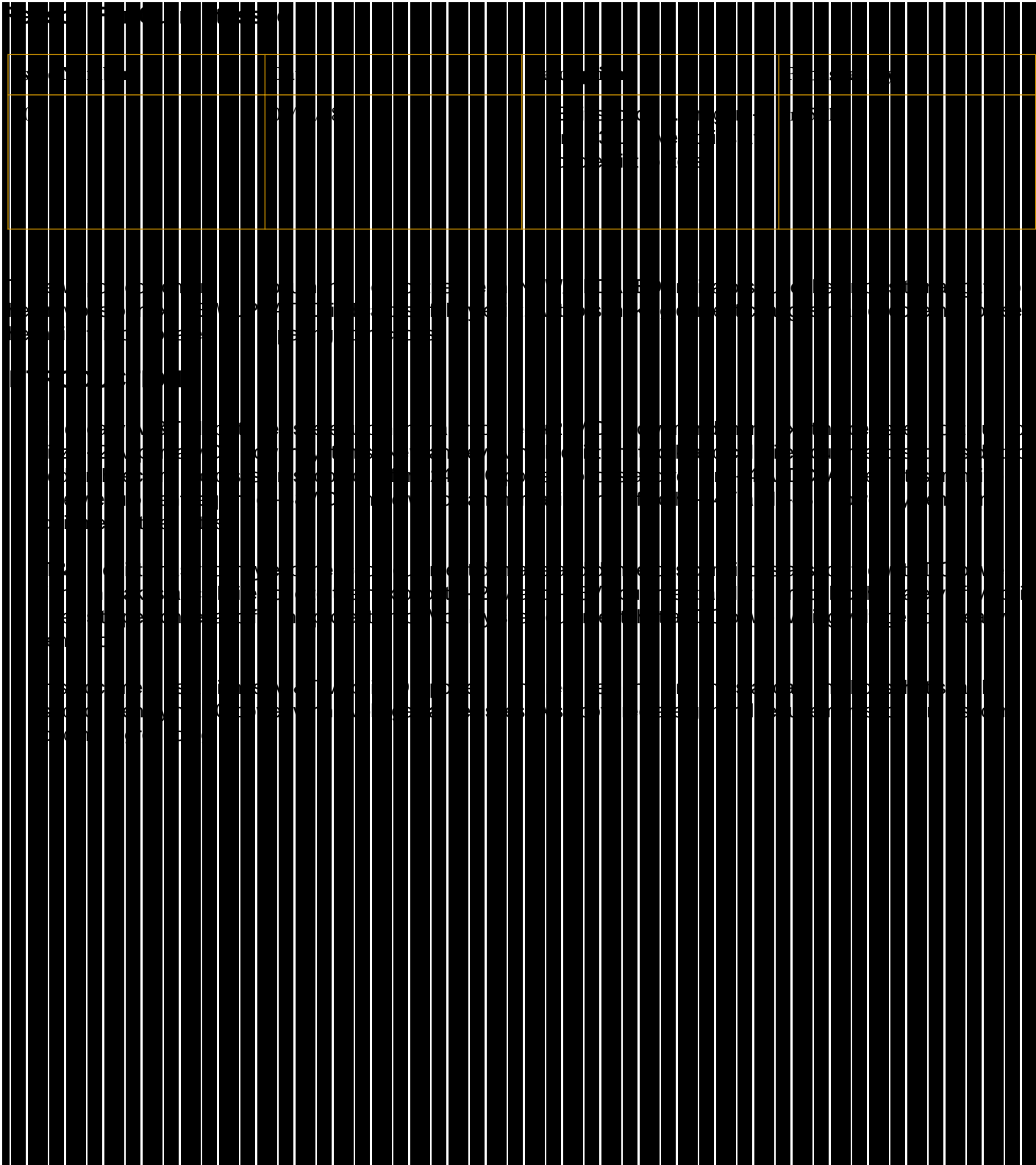
Related Documents

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Revision Log

ACRONYMS

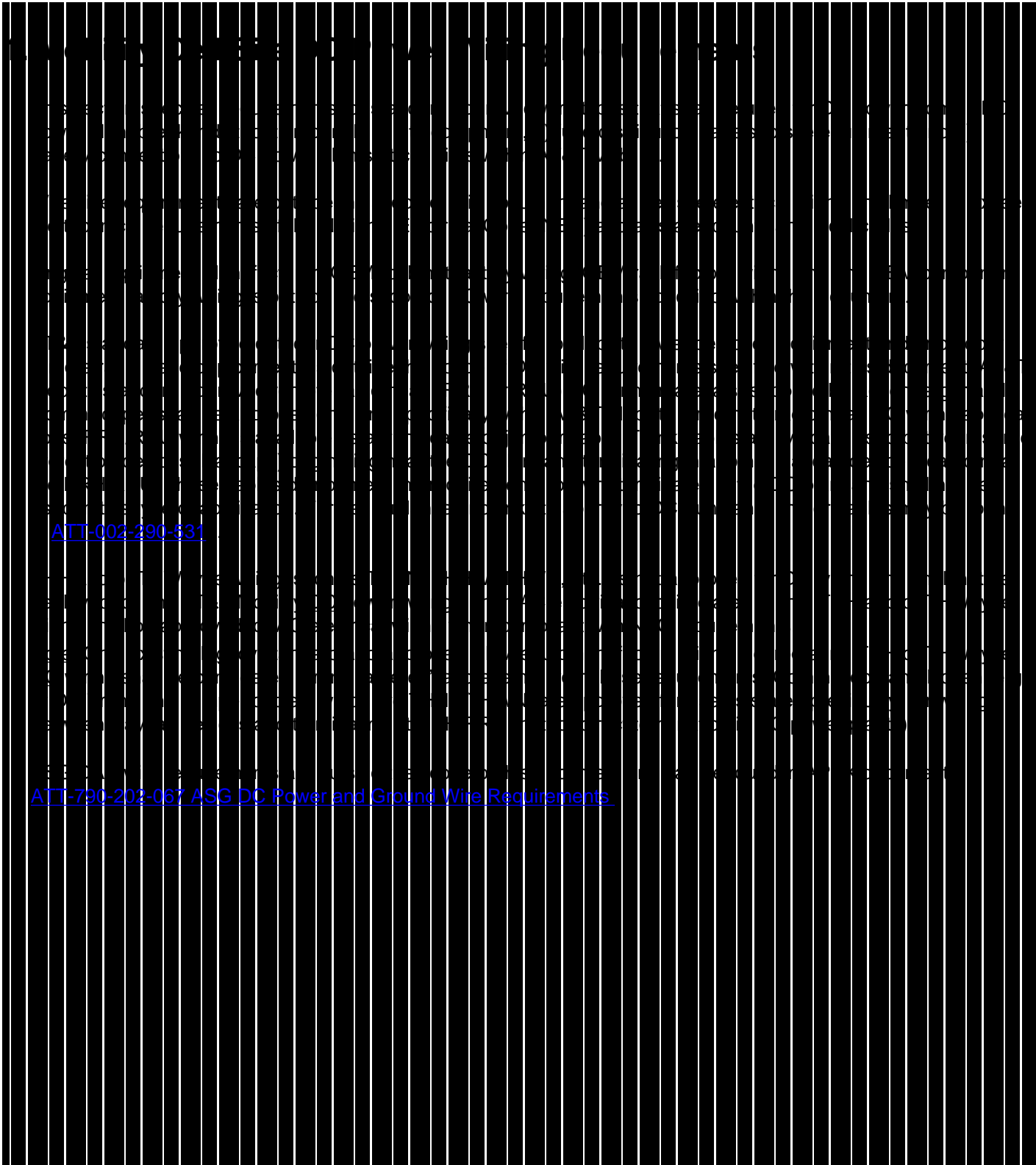
Acronyms Dictionary



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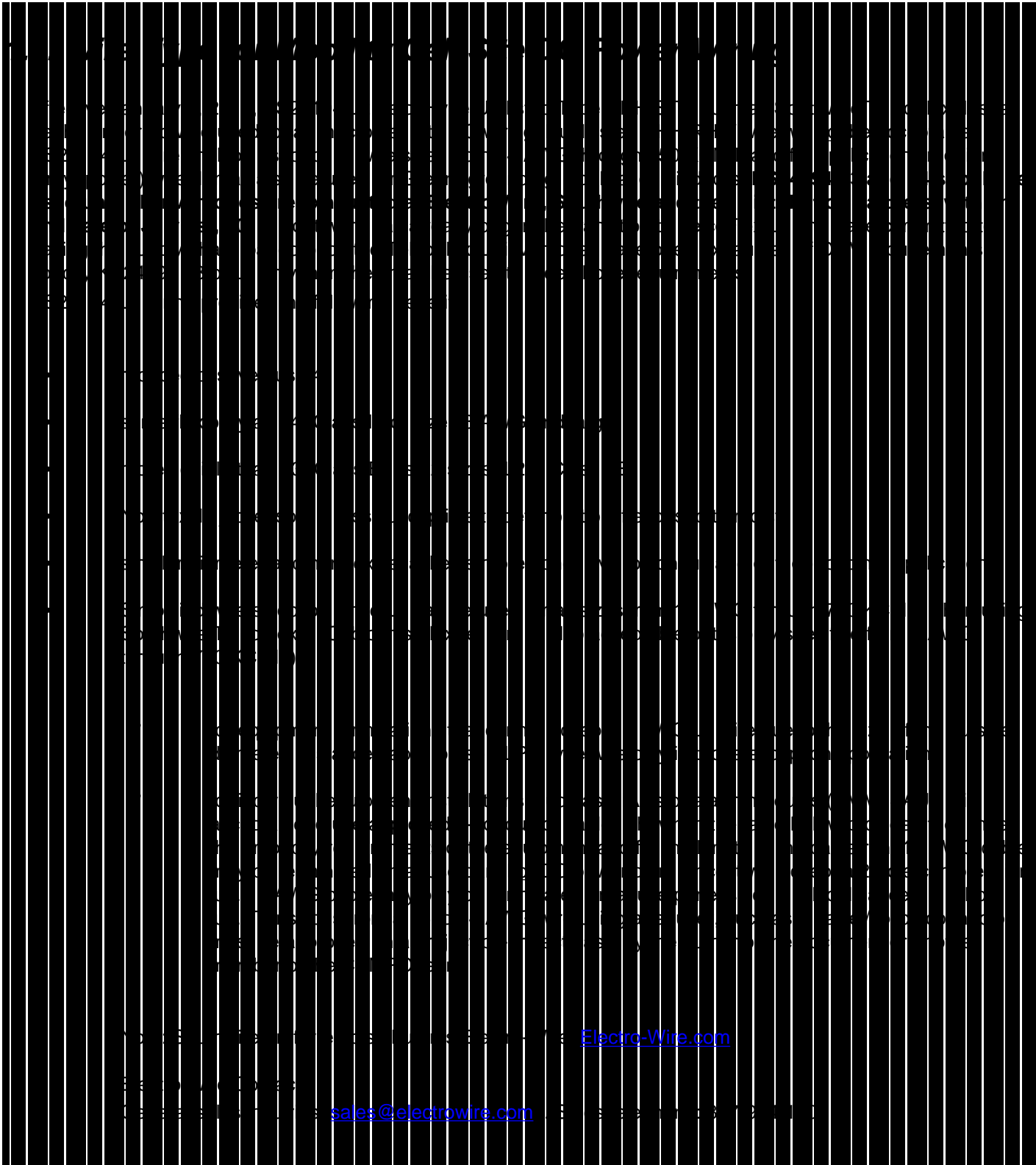
[ATT-002-290-531](#)

[ATT-790-202-067 ASG DC Power and Ground Wire Requirements](#)

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Electro-Wire.com

sales@electrowire.com

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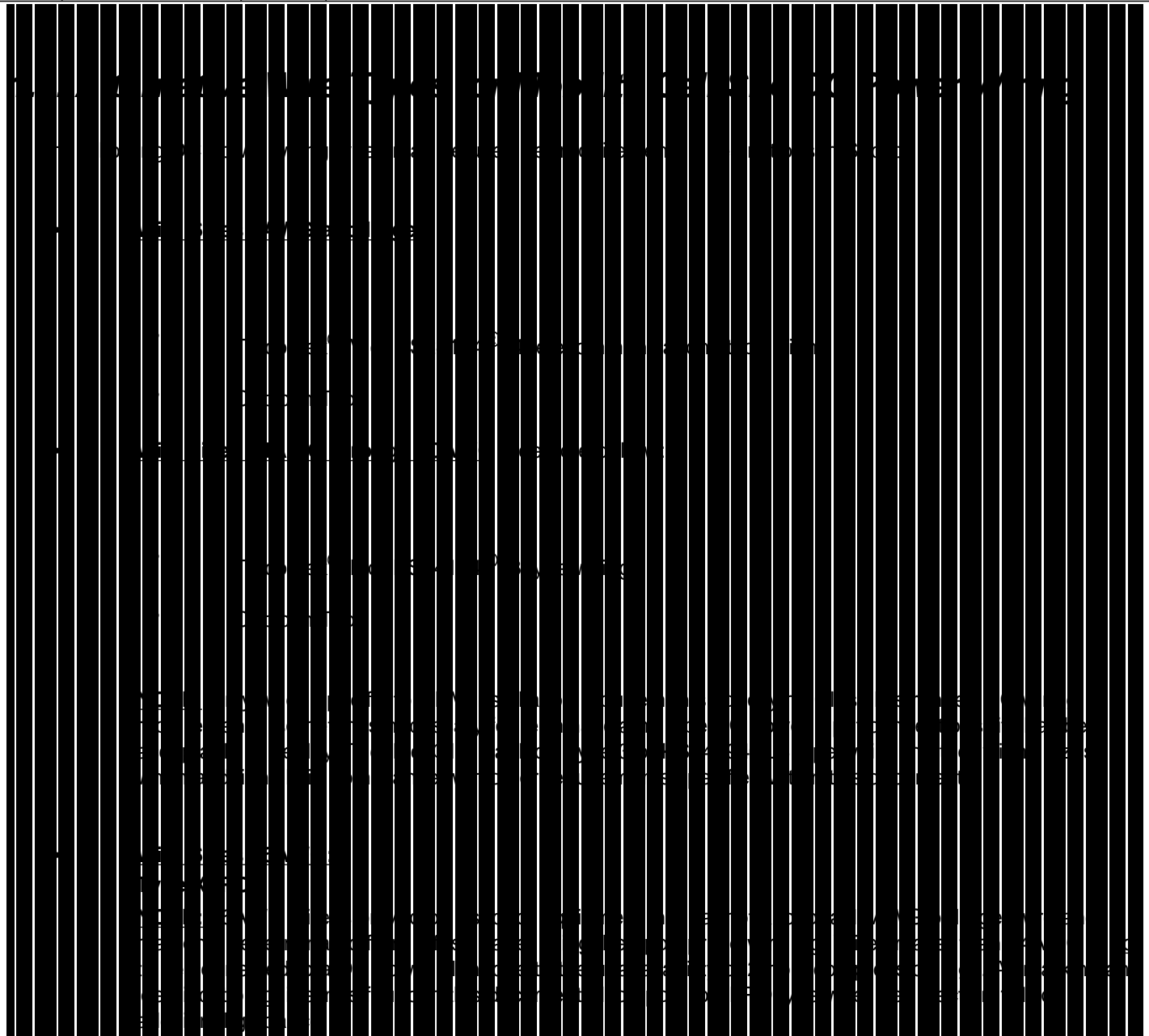
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Approved 2-Conductor DC Power Cable for #14-16 AWG Equipment Wiring Only

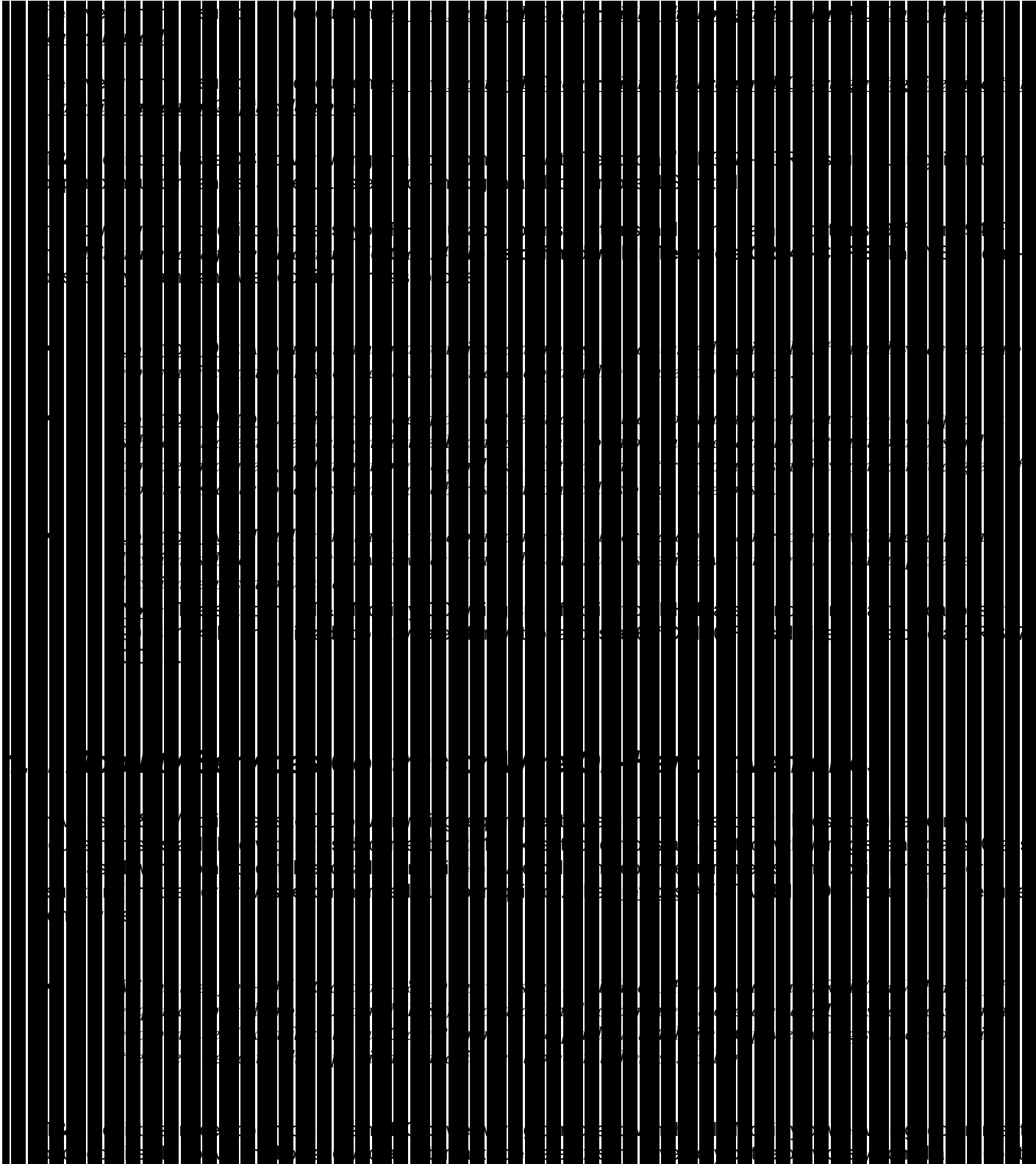
Manufacturer	MFR. Part Number	AT&T ITEM #	Description
Electro-Wire	EWATTVXMOD162C	NEQ.19699	Electro-Wire Inc.,EWATTVXMOD162C,16 GA; 2-Conductor; RED-BLACK,XLPE JACKET; 7 STR; TC 600V;,GRAY PVC,JACKET,
Electro-Wire	EWATTVXMOD162C-200	NEQ.19700	Electro-Wire Inc.,EWATTVXMOD162C-200,16 GA; 2-Conductor; RED-BLACK,XLPE JACKET; 7 STR; TC 600V;,GRAY PVC JACKET; 200 FT,SPOOL
Electro-Wire	EWATTVXMOD162C-500	NEQ.19701	Electro-Wire Inc.,EWATTVXMOD162C-500,16 GA; 2-Conductor; RED-BLACK,XLPE JACKET; 7 STR; TC 600V;,GRAY PVC JACKET; 500 FT,SPOOL
Electro-Wire	EWATTVXMOD142C	NEQ.19702	Electro-Wire Inc.,EWATTVXMOD142C,14 GA; 2-Conductor; RED-BLACK,XLPE JACKET; 7 STR; TC 600V;,GRAY PVC,JACKET,
Electro-Wire	EWATTVXMOD142C-200	NEQ.19703	Electro-Wire Inc.,EWATTVXMOD142C-200,14 GA; 2-Conductor; RED-BLACK,XLPE JACKET; 7 STR; TC 600V;,GRAY PVC JACKET; 200 FT,SPOOL
Electro-Wire	EWATTVXMOD142C-500	NEQ.19704	Electro-Wire Inc.,EWATTVXMOD142C-500,14 GA; 2-Conductor; RED-BLACK,XLPE JACKET; 7 STR; TC 600V;,GRAY PVC JACKET; 500 FT,SPOOL



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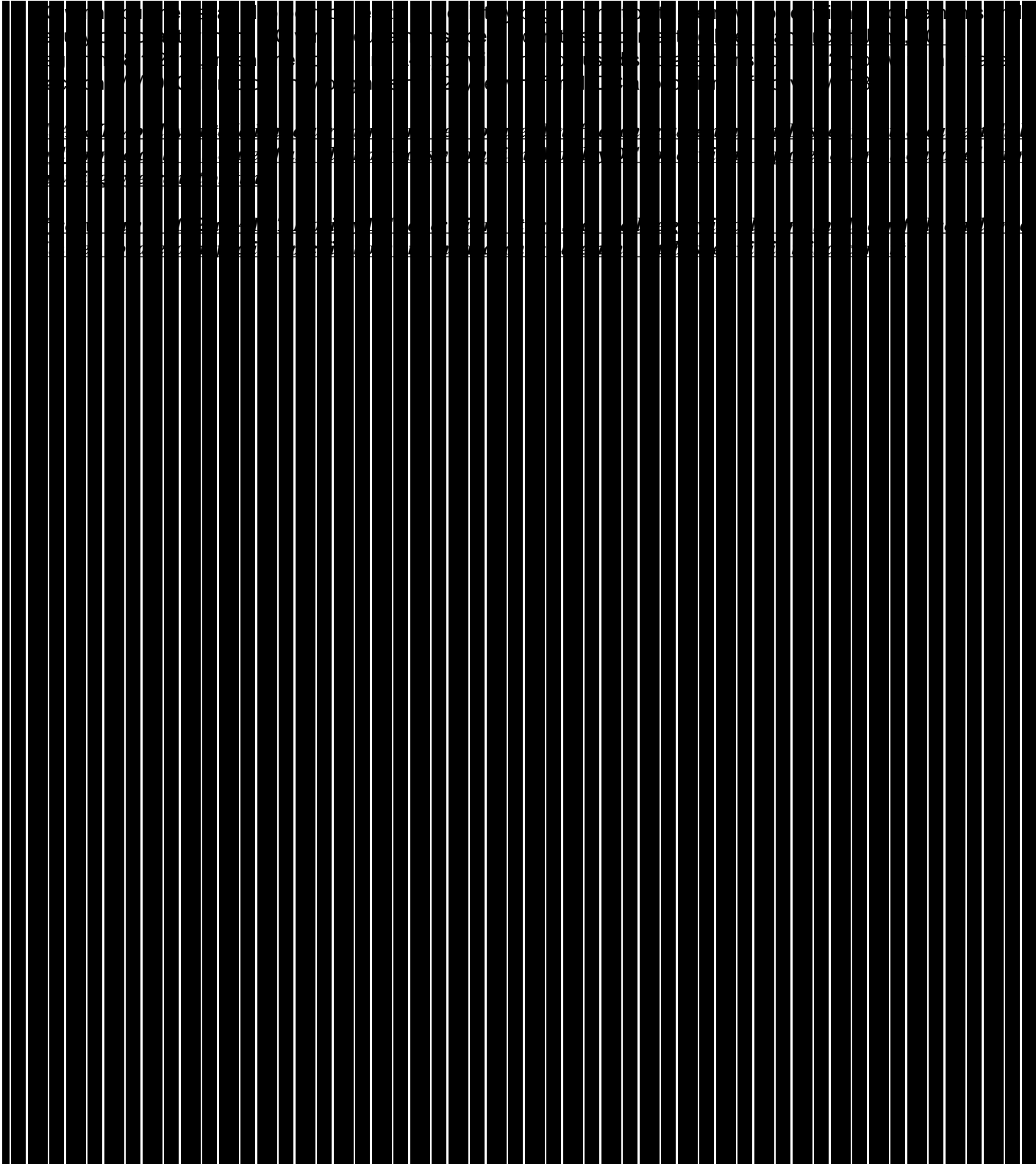
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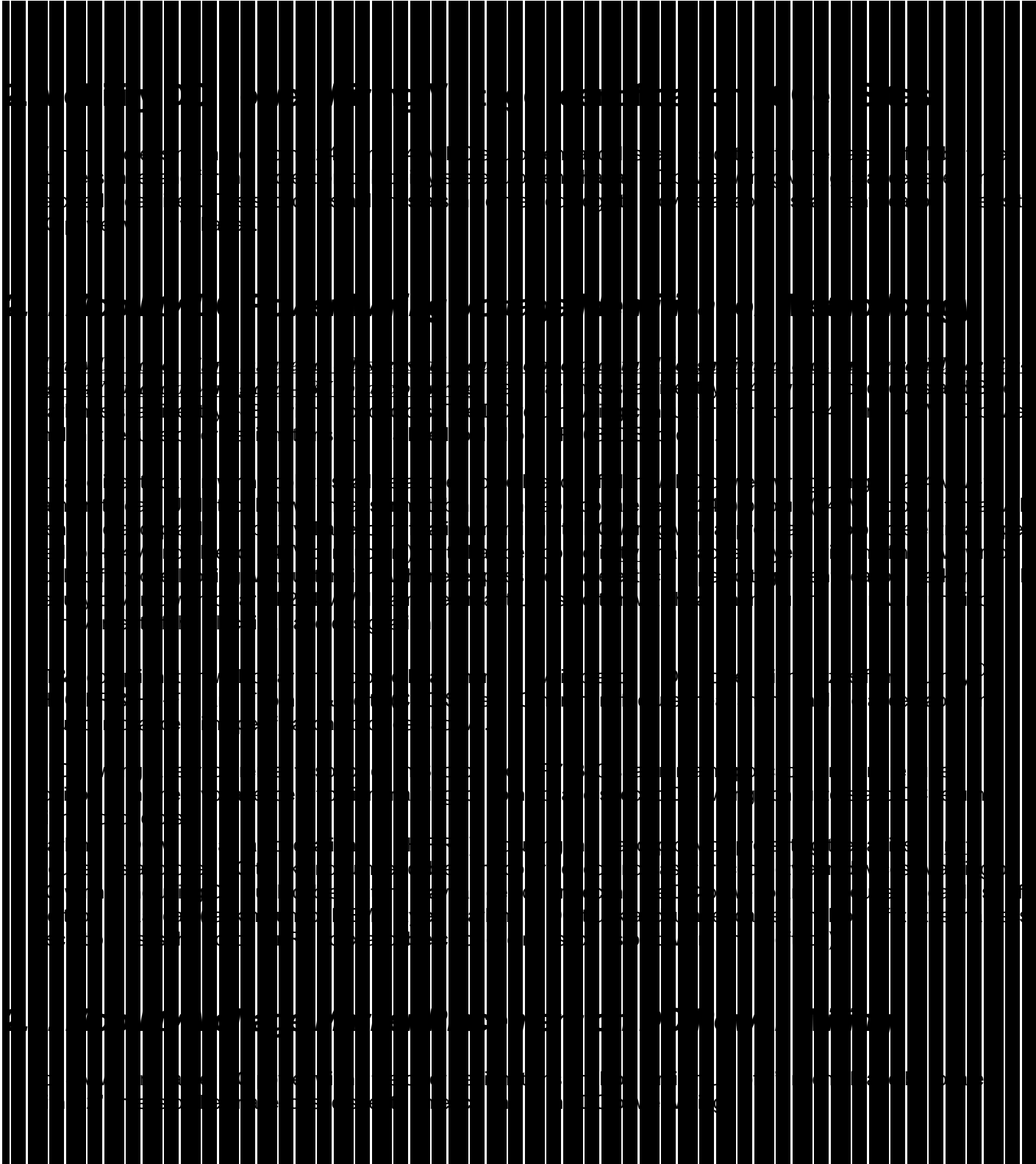
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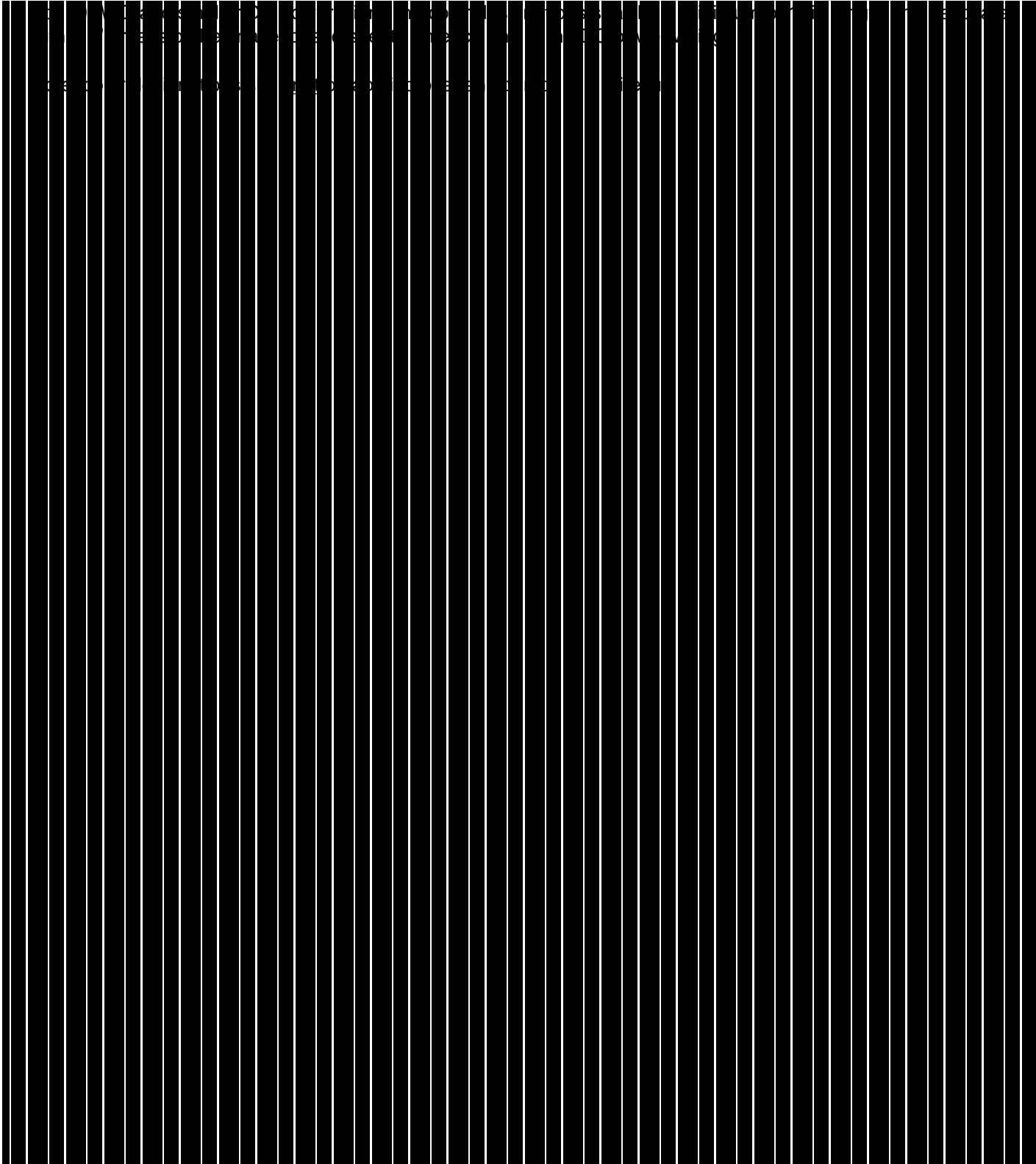
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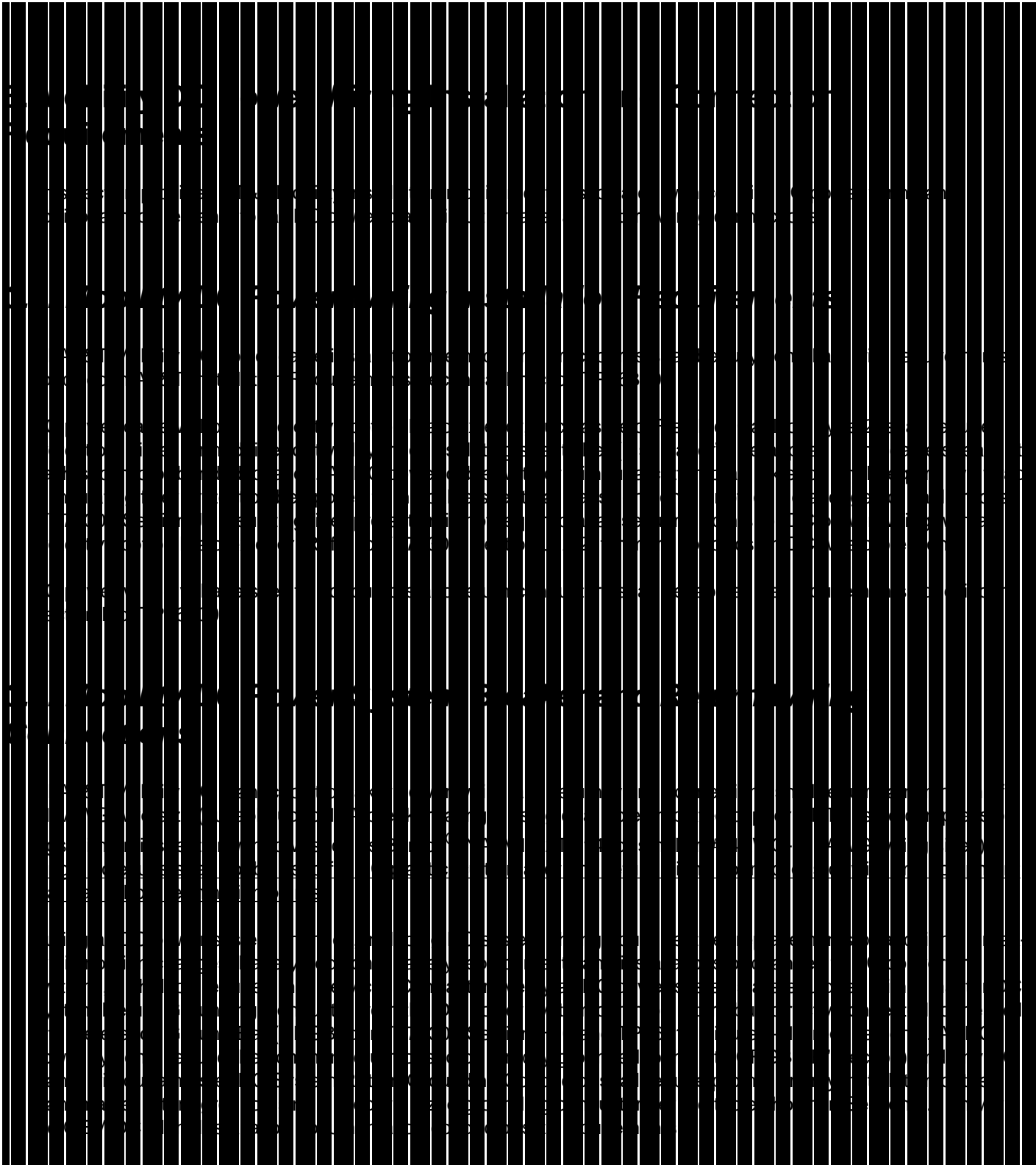
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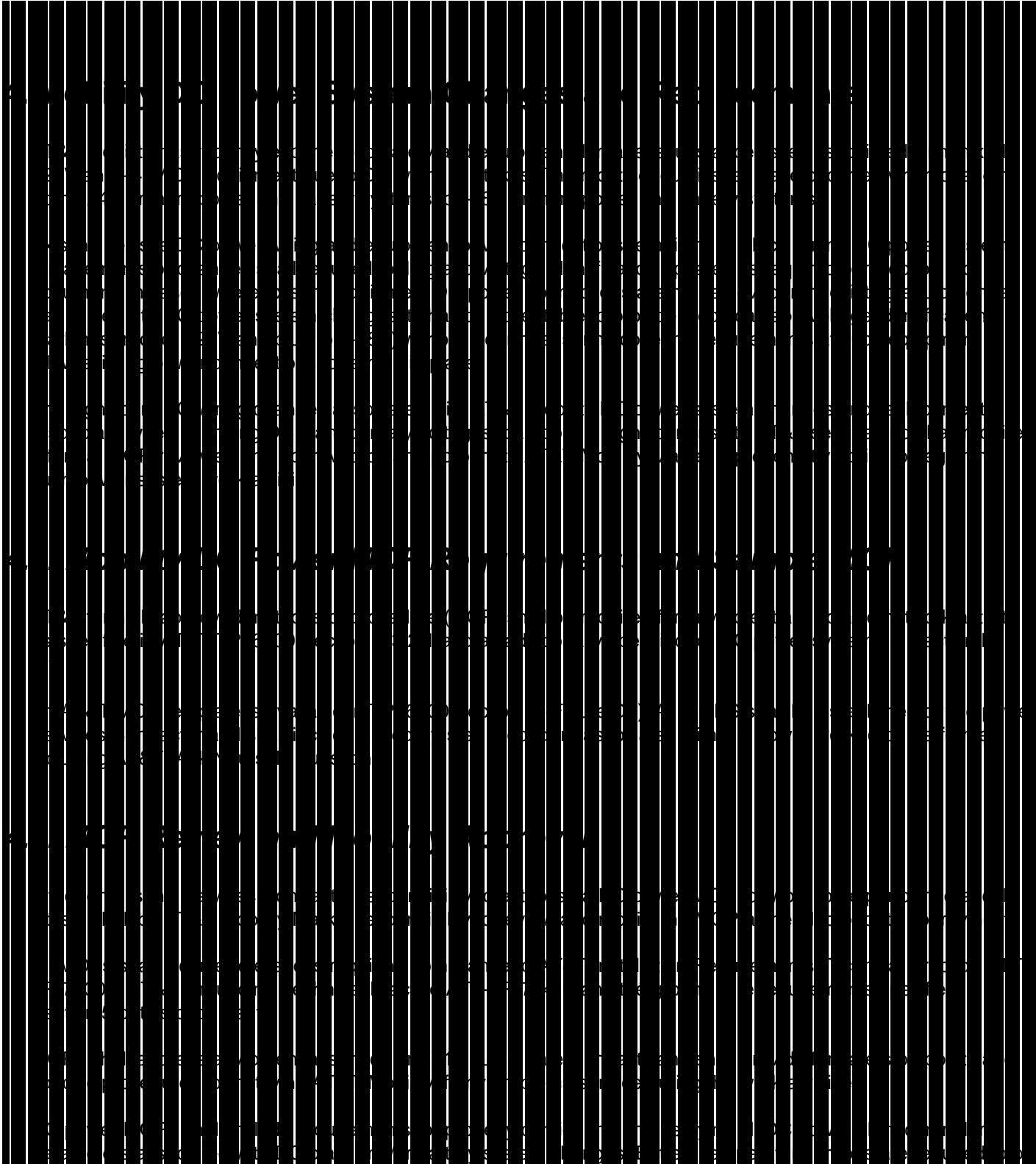
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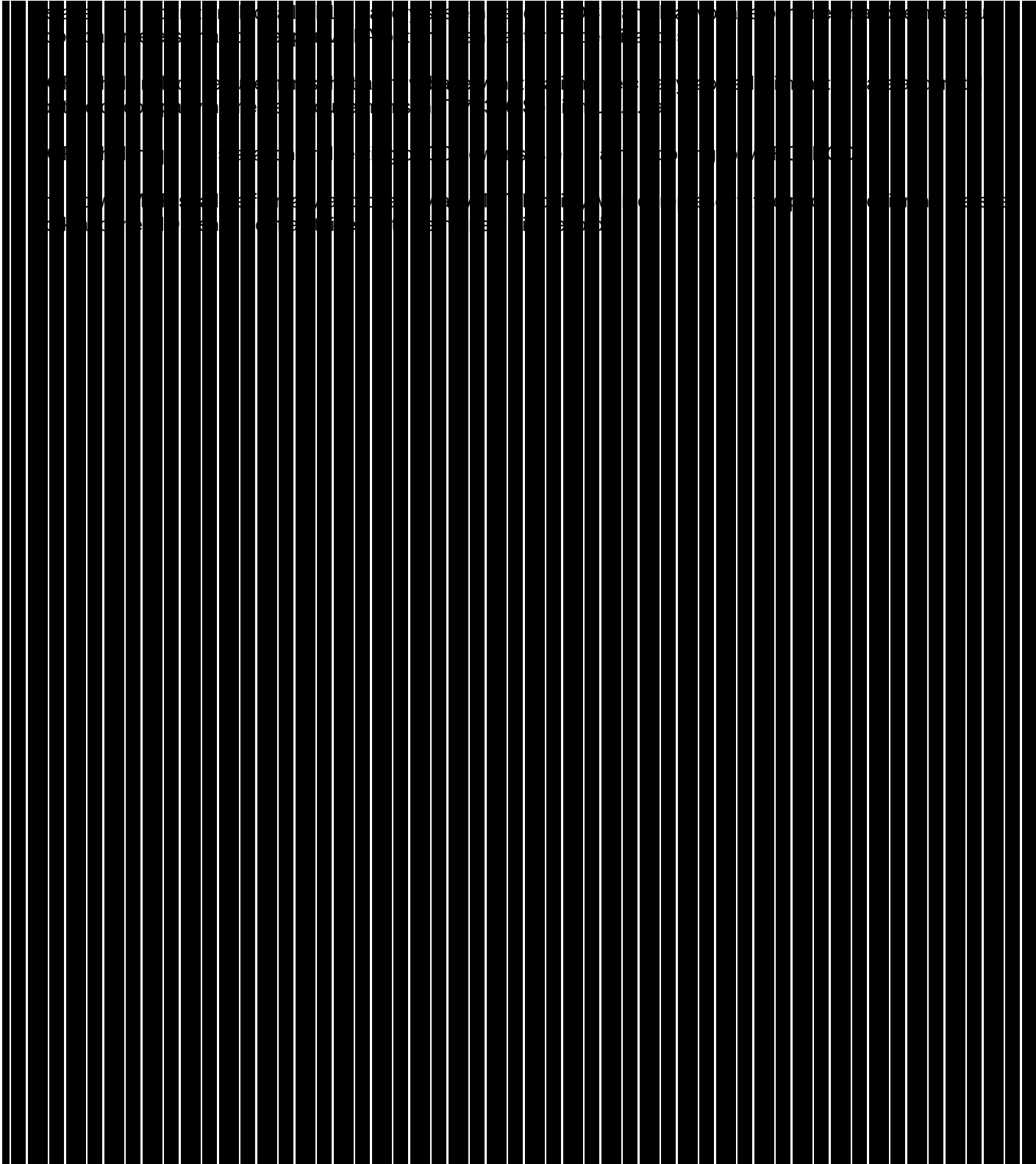
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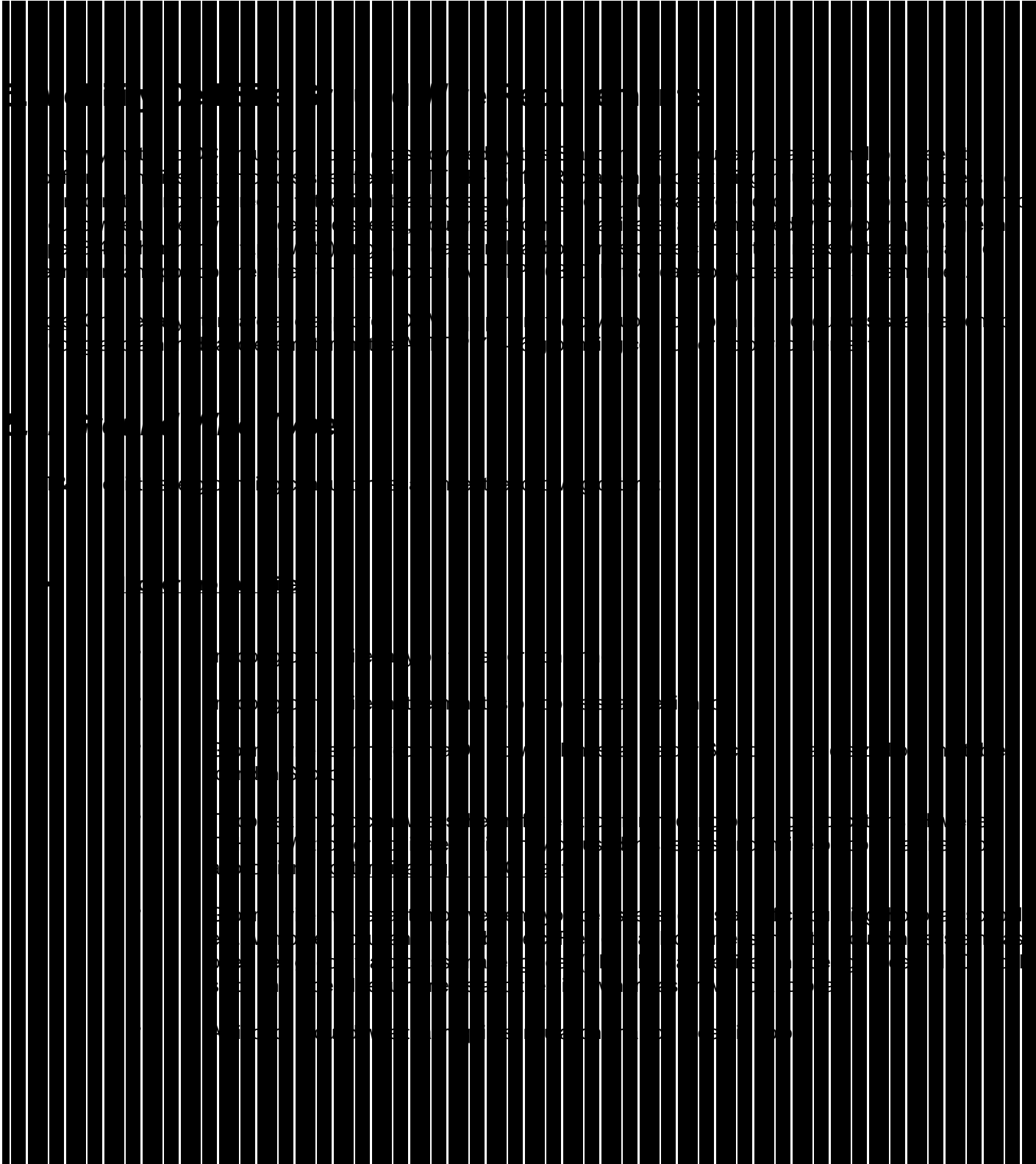
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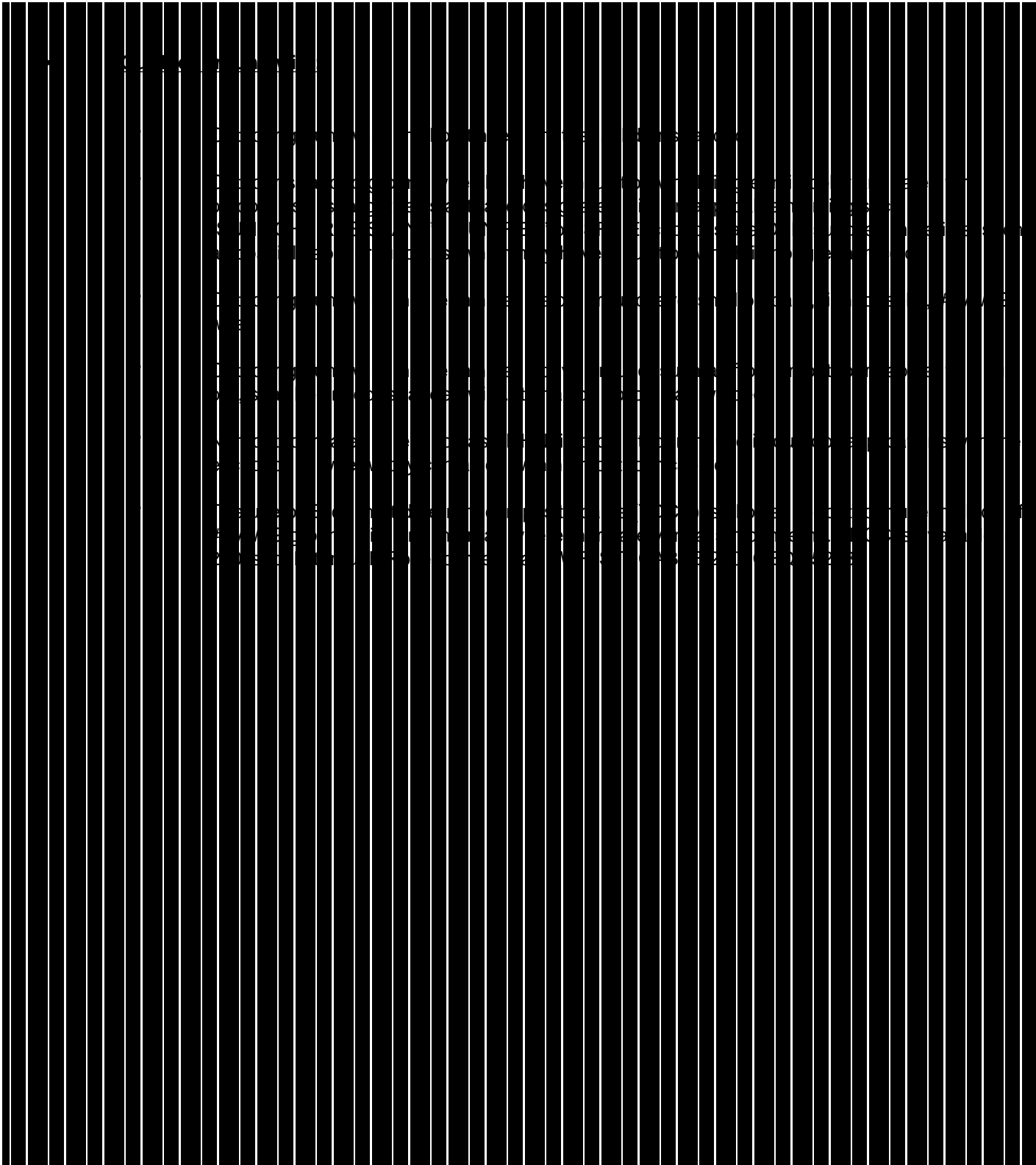
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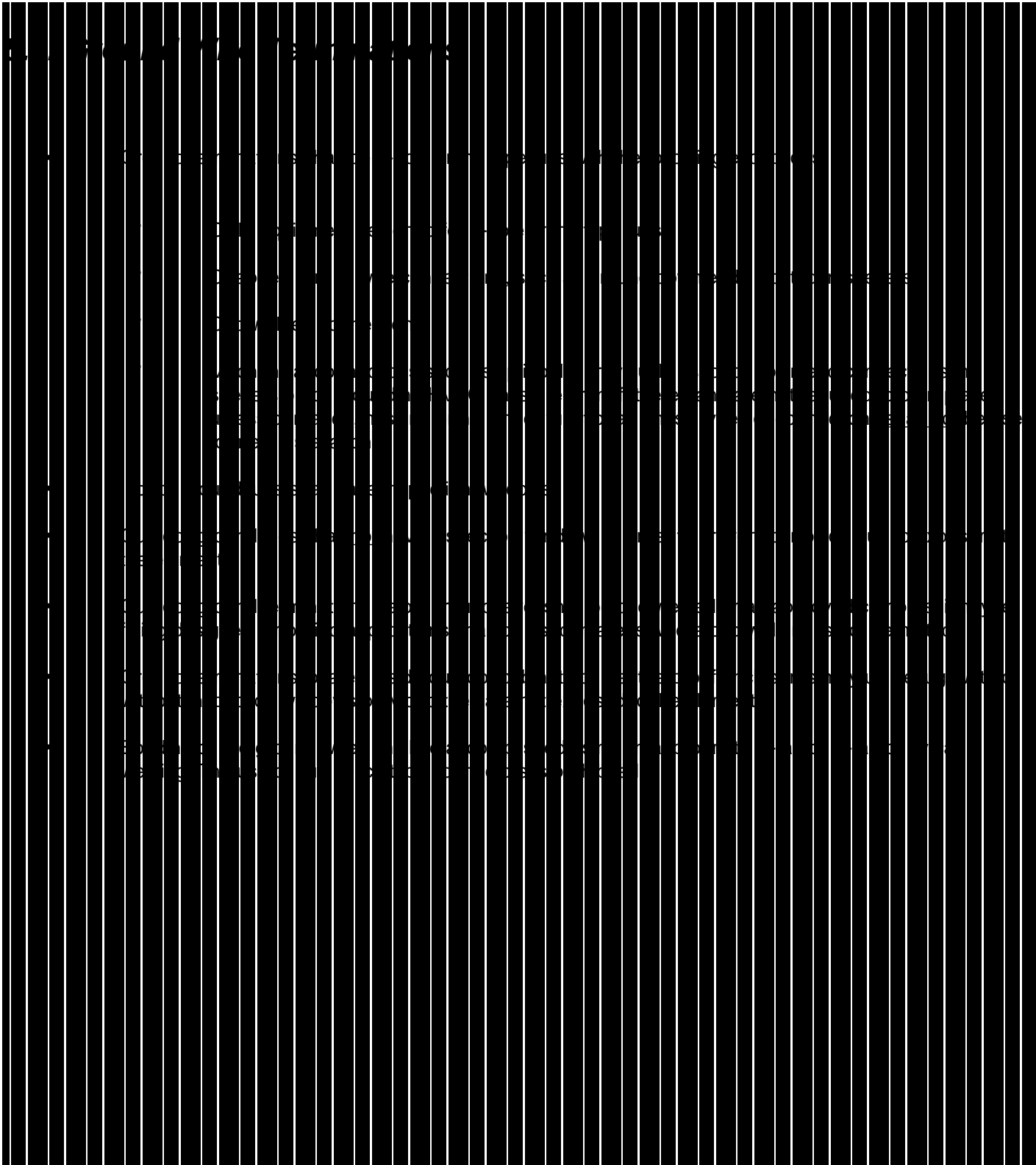
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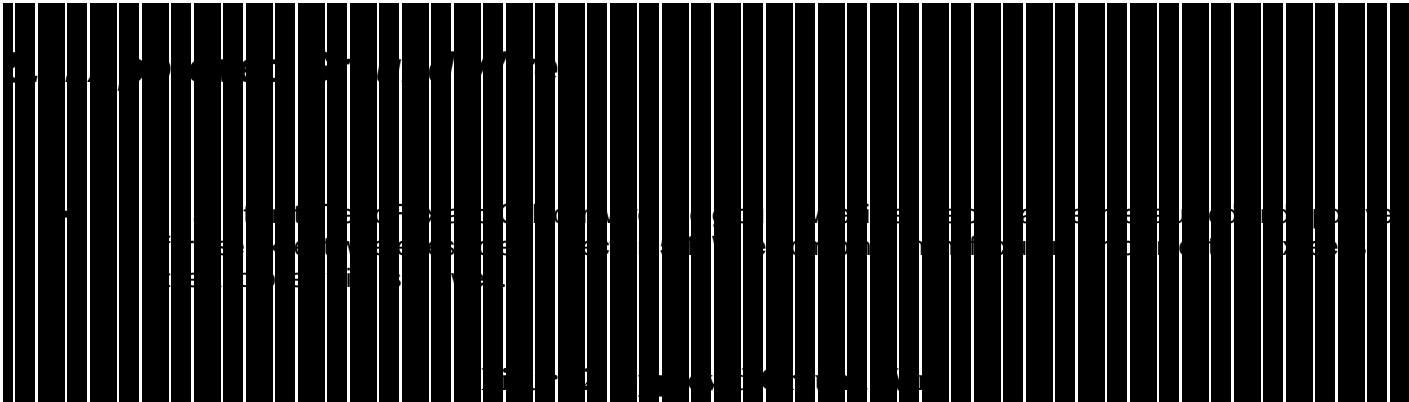
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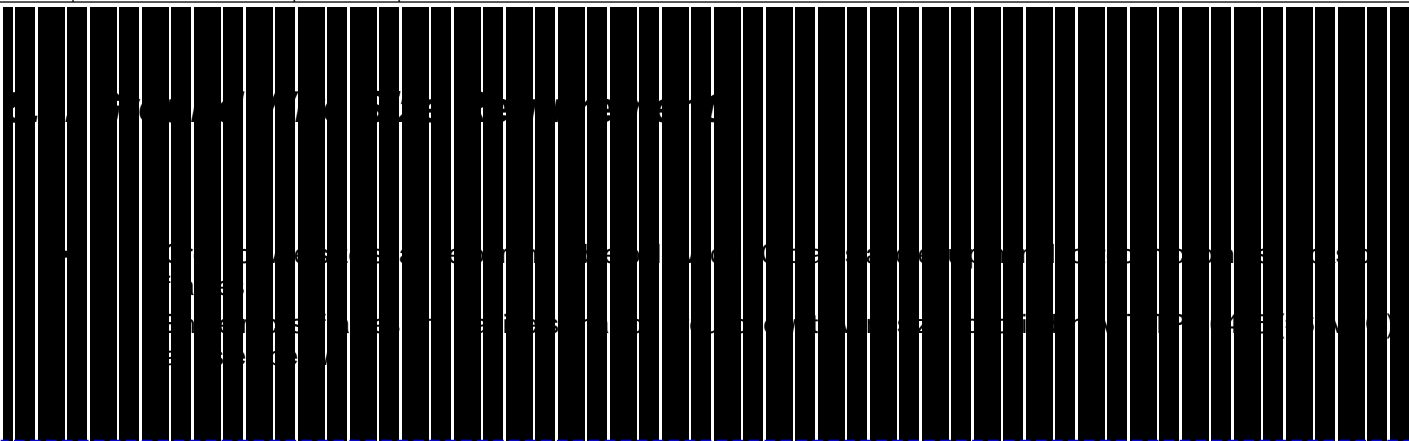
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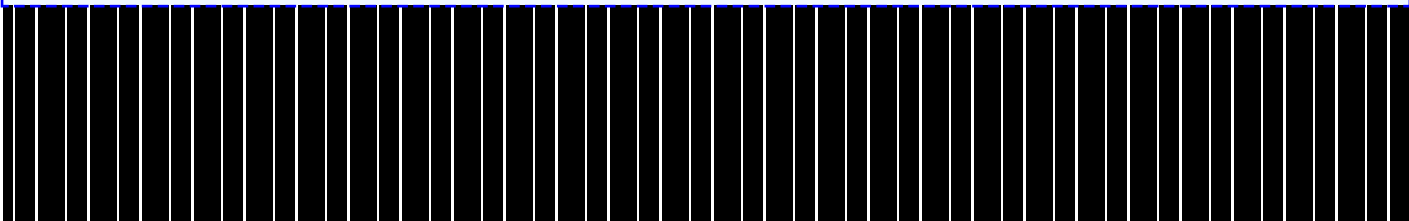


Manufacturer	MFR. Part Number	AT&T ITEM #	Description
Electro-Wire	EW665TCTFG	NEQ.19695	Electro-Wire Inc., EW665TCTFG, 6 AWG 65 STR TC TELCOFLEX G; TINNED COPPER WIRE; CLASS I; GREEN; SUNLIGHT RESISTANT
Electro-Wire	EW2168TCTFG	NEQ.19696	Electro-Wire Inc., EW2168TCTFG, 2 AWG 168 STR TC TELCOFLEX G; TINNED COPPER WIRE; CLASS I; GREEN; SUNLIGHT RESISTANT
Electro-Wire	EW67TCTFG	NEQ.19697	Electro-Wire Inc., EW67TCTFG, 6 AWG 7 STR TC TELCOFLEX G; TINNED COPPER WIRE; CLASS B; GREEN; SUNLIGHT RESISTANT
Electro-Wire	EW27TCTFG	NEQ.19698	Electro-Wire Inc., EW27TCTFG, 2 AWG 7 STR TC TELCOFLEX G; TINNED COPPER WIRE; CLASS B; GREEN; SUNLIGHT RESISTANT
Rosenberger	WR-21BC-701	CEQ.15439	2 AWG Green THW-2 Sun Resist Indoor/Outdoor Ground Wire; 2 AWG 1 conductor 7 str Bare Copper Green pvc insl. Jacket OD: 0.412 In
Rosenberger	WR-21TC-703	CEQ.15440	2 AWG Green THW-2 Sun Resist Indoor/Outdoor Ground Wire; 2 AWG 1 conductor 7 str Tinned Copper Green pvc insl. Jacket OD: 0.412In.
Rosenberger	WR-61BC-801	CEQ.15441	6 AWG Green THW-2 Sun Resist Indoor/Outdoor Ground Wire; 6 AWG 1 conductor 7 str Bare Copper Green pvc insl. Jacket OD: 0.304In.
Rosenberger	WR-61TC-803	CEQ.15442	6 AWG Green THW-2 Sun Resist Indoor/Outdoor Ground Wire; 6 AWG 1 conductor 7 str Tinned Copper Green pvc insl. Jacket OD: 0.304In.



NOTE:

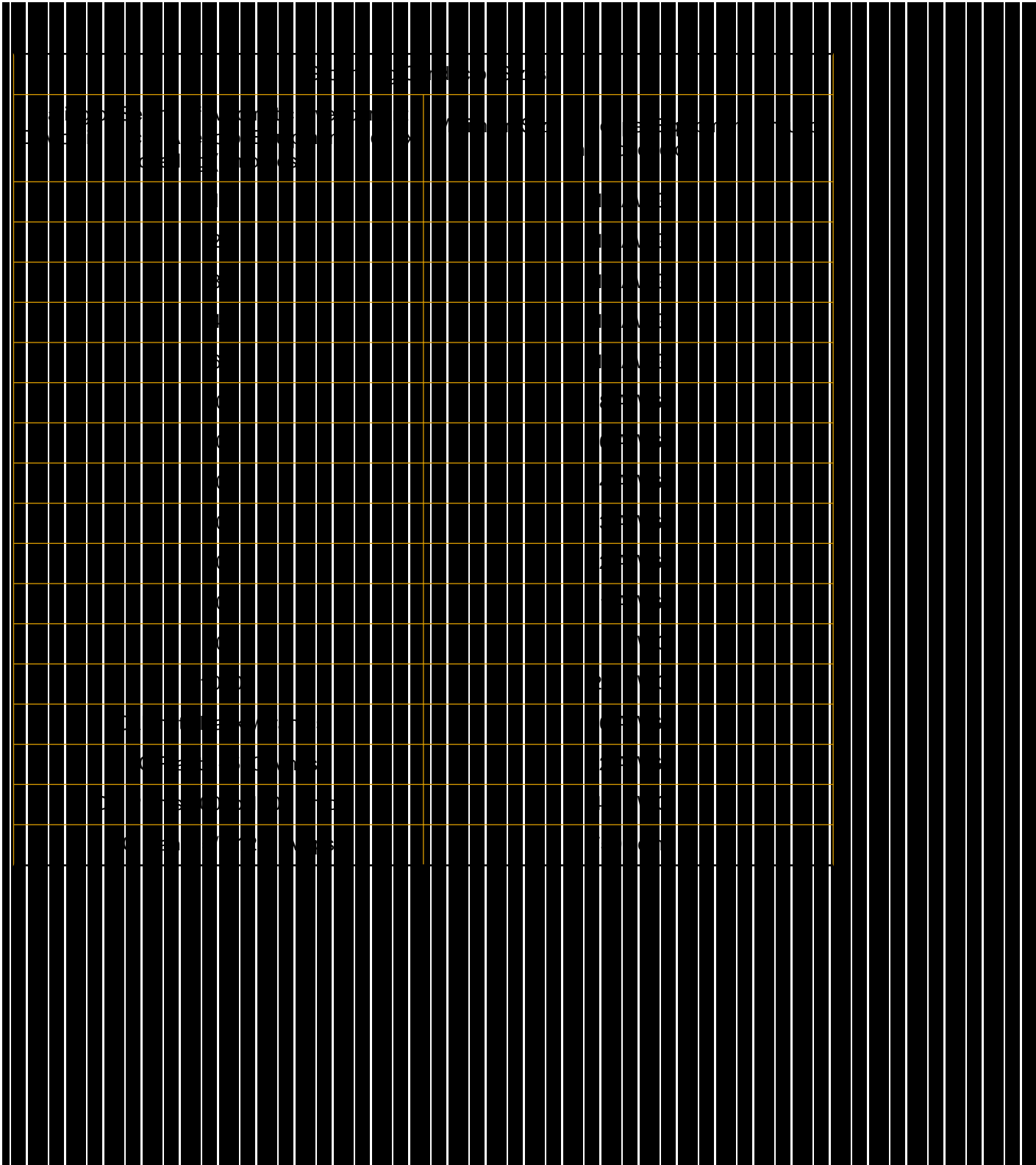
Equipment mounted in a rack, frame or cabinet, such as an Nokia/ALU or Ericsson baseband unit (BBU) requires a ground wire sized per the DC breaker feeding the equipment. As an example, if the BBU is fed by a 20A breaker the ground wire shall be a #12 AWG. There is no benefit to grounding this type of equipment with wire sized larger than listed below and it may unnecessarily expose the equipment to potential damage or noise



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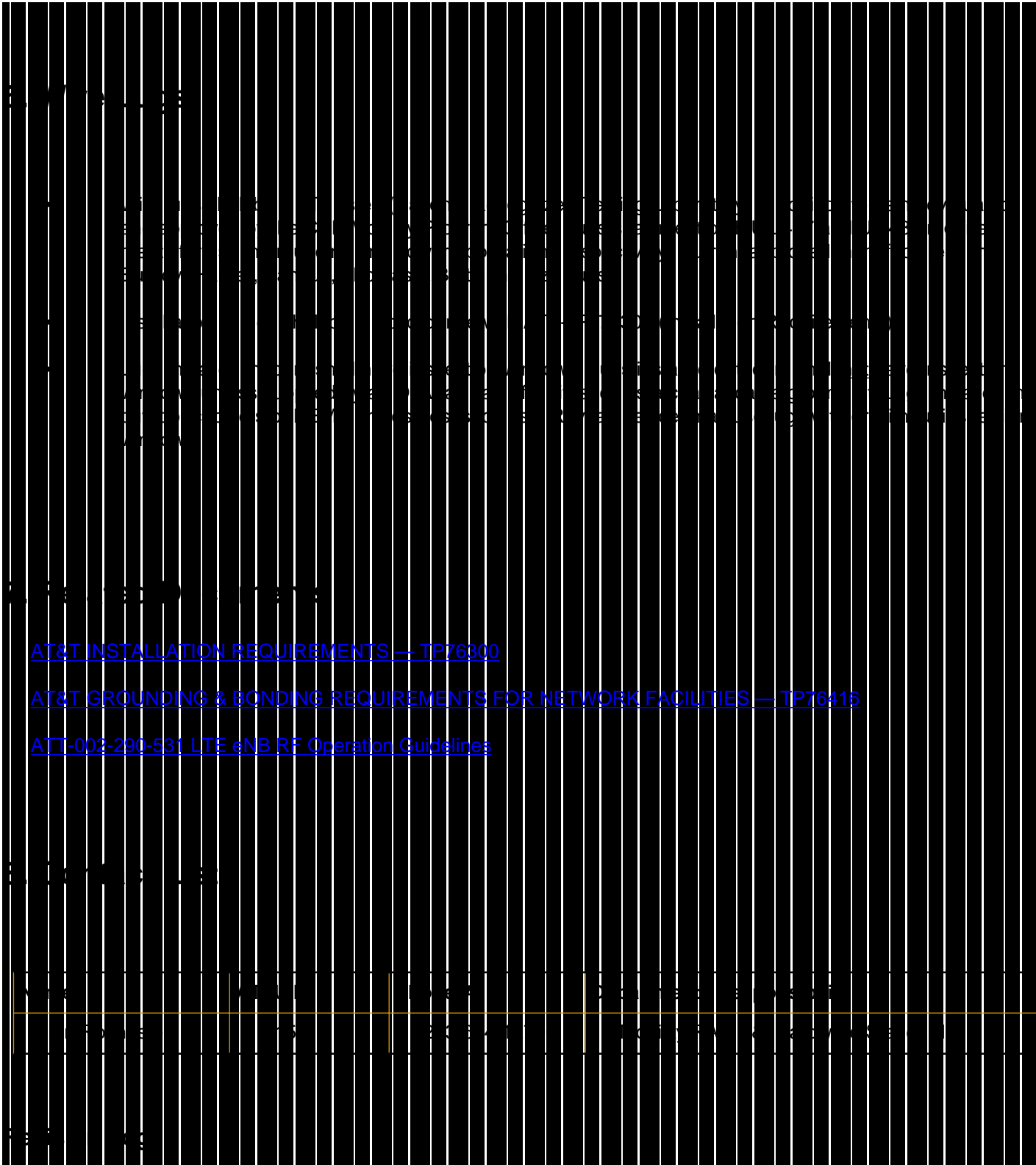
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[AT&T INSTALLATION REQUIREMENTS — TP76800](#)

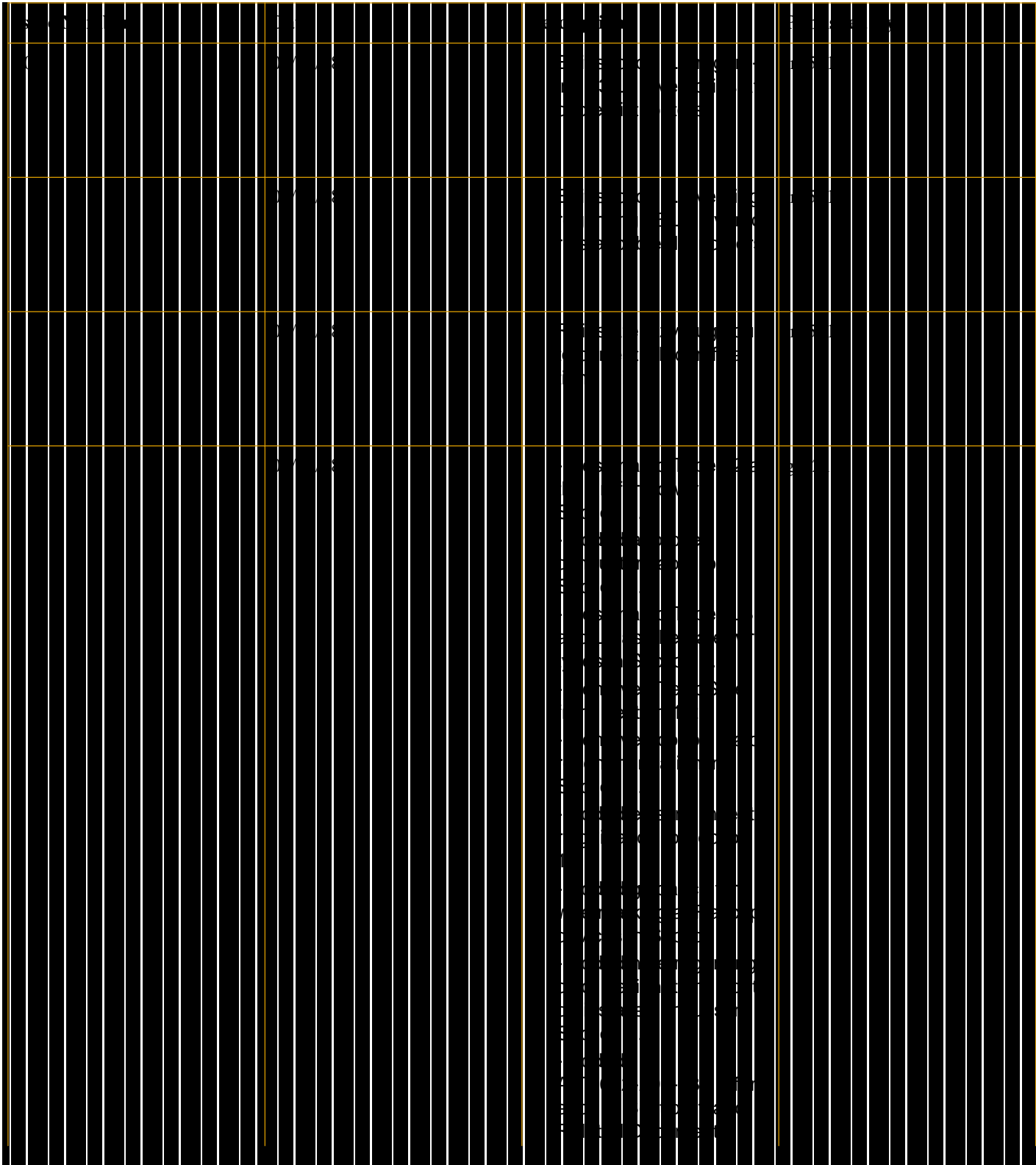
[AT&T GROUNDING & BONDING REQUIREMENTS FOR NETWORK FACILITIES — TP76416](#)

[ATT-002-290-531 LTE eNB RF Operation Guidelines](#)

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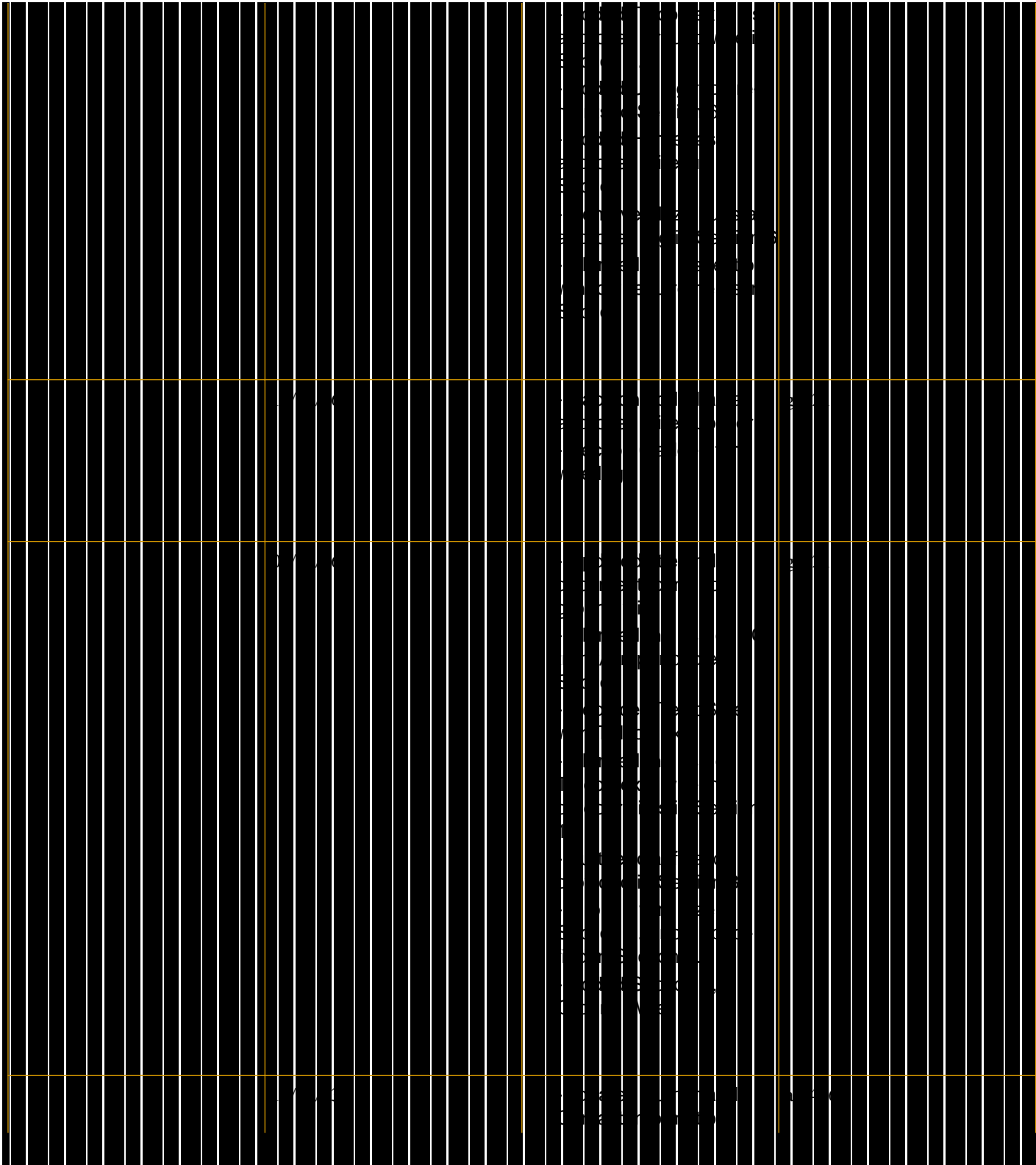
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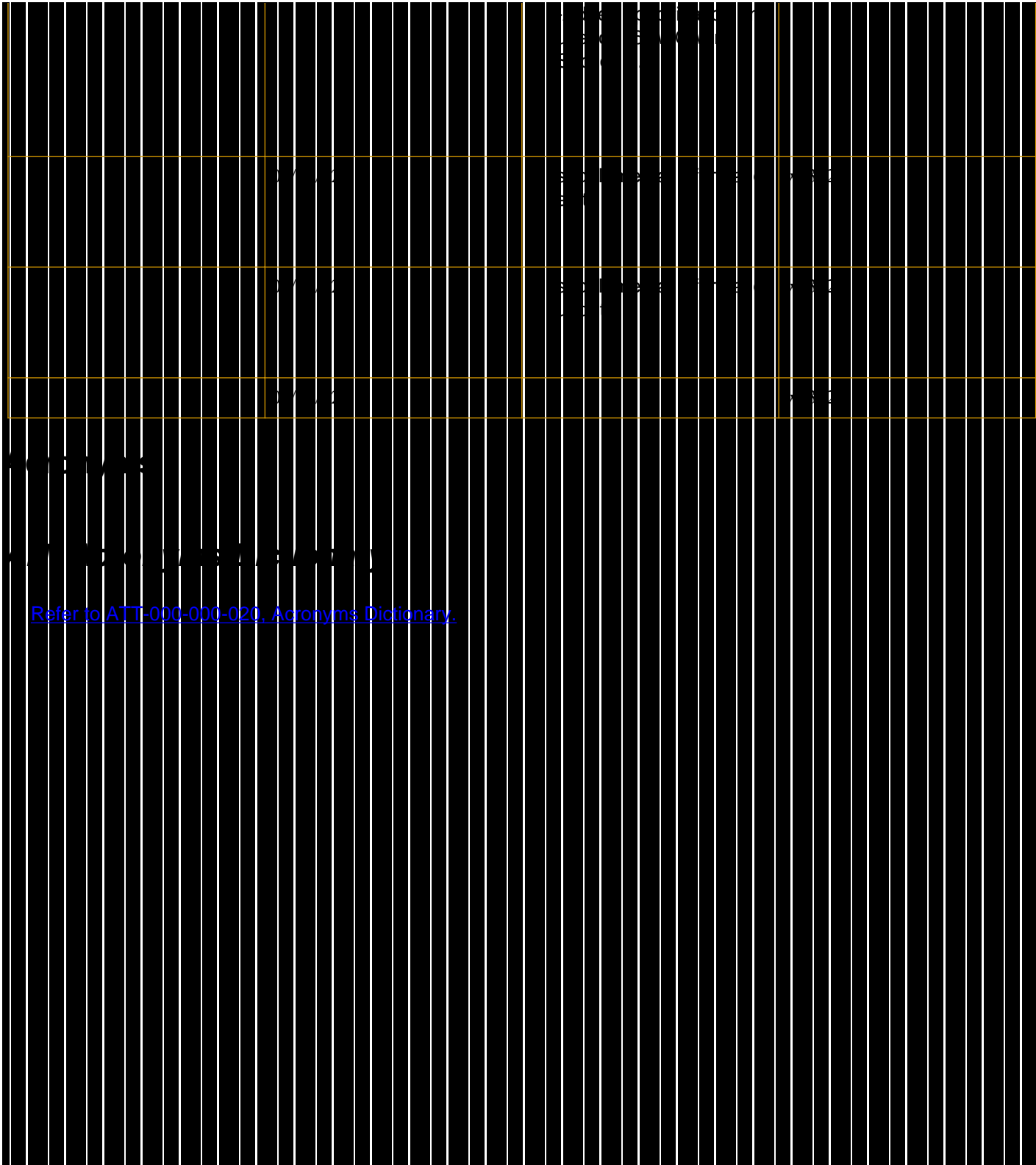
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