



## Type Approved GSM-R Terminals in Norway, as of 2010-04-21

<b>Benefon</b>					
Model	Type	Version	Approval Status	Status Date	Current Expiration Date
<b>TwIG Discovery</b>	GPR	Triorail TRM-2 SW ver. 3.03	Approved	2008-05-27	2010-08-31
Comments		This terminal has a built-in GPS module. This terminal is available in various languages, including English, but not Norwegian.			

<b>EADS</b>					
Model	Type	Version	Approval Status	Status Date	Current Expiration Date
<b>ZFM 21 M</b>	CAB	GSM-R SW V.4.30	Approved	2009-03-26	2011-03-31
		The ZFM 21 M does not support Automatic Roaming and is <b>only</b> approved for use with a Swedish SIM card.			

<b>Hörmann Funkwerk</b>					
Model	Type	Version	Approval Status	Status Date	Current Expiration Date
<b>MESA 23</b>	CAB	CR_SW 3.5.21	Expired	2008-12-31	2008-12-31
Comments					
		CR_FW 04.01.22	Expired	2008-12-31	2008-12-31
Comments					
		CR_SW 04.05.05	Expired	2008-12-31	2008-12-31
Comments					



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**Hörmann Funkwerk**

Model	Type	Version	Approval Status	Status Date	Current Expiration Date
MESA 23	CAB	CRN_SW 04.05.06	Temporary – Set to expire	2009-07-09	2010-12-31
	Comments	112 is the only Public Emergency Number that can be contacted directly.			
		CR_SW 04.06.03	Temporary	2009-07-09	2010-12-31
	Comments	112 is the only Public Emergency Number that can be contacted directly.			

**Hörmann Funkwerk**

Model	Type	Version	Approval Status	Status Date	Current Expiration Date
MESA 25	CAB	CR_M25 1.01.03N	Expired	2008-12-31	2008-12-31
	Comments				
		CR_M25 1.02.02	Expired	2008-12-31	2008-12-31
	Comments				
		CR_M25 1.02.03	Expired	2008-12-31	2008-12-31
	Comments				
		CR_M25 1.02.05	Expired	2008-12-31	2008-12-31
	Comments				
		CR_M25 1.02.06	Temporary	2009-04-30	2010-12-31
	Comments				

**Hörmann Funkwerk**  
(previously Kapsch)

Model	Type	Version	Approval Status	Status Date	Current Expiration Date
Portbox Ultralite	CAB	2.0.0.2b	Temporary	2010-03-04	2012-08-31
	Comments				



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<b>Hörmann Funkwerk</b> (previously Saab)					
Model	Type	Version	Approval Status	Status Date	Current Expiration Date
CAB2	CAB	SW7022 ver.3.18	Approved	2008-11-03	2011-06-30
Comments		This terminal is <b>ONLY</b> approved for use with <b>Swedish SIM cards</b> in Norway. The Emergency Call Button must be pressed for approximately 10 seconds to properly initiate a <b>Railway Emergency Call</b> .			

<b>InnoCom</b>					
Model	Type	Version	Approval Status	Status Date	Current Expiration Date
EuroSet	ADMIN	3.11	Approved	2010-02-26	2012-03-31
Comments		This terminal does not support the Norwegian language. It does, however, support English.			

<b>InnoCom</b>					
Model	Type	Version	Approval Status	Status Date	Current Expiration Date
CombiSet	Modem	F1.35	Approved	2010-02-26	2012-03-31
Comments		This terminal does not support the Norwegian language. It does, however, support English.			



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<b>Nettec</b>			
<b>Model</b>	<b>Type</b>		
<b>Digi Connect</b>	MODEM		
<b>Version</b>	<b>Approval Status</b>	<b>Status Date</b>	<b>Current Expiration Date</b>
<b>WAN VPN GSM-R 2.9.0.7</b>	Approved	2010-03-03	2012-03-31
<b>Comments</b>	This terminal does not support the Norwegian language. It does, however, support English.		

<b>Sagem</b>			
<b>Model</b>	<b>Type</b>		
<b>OPH940</b>	OPH		
<b>Version</b>	<b>Approval Status</b>	<b>Status Date</b>	<b>Current Expiration Date</b>
BO2, 1n	Expired	2009-12-31	2009-12-31
<b>Comments</b>			
BO2, 1u	Expired	2009-12-31	2009-12-31
<b>Comments</b>			
BO2, 2B	Approved	2008-10-27	2010-12-31
<b>Comments</b>	All users of this terminal are urged to upgrade to the newest approved software version, as approval for all previous versions are set to expire.		



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<b>Sagem</b>					
Model	Type	Version	Approval Status	Status Date	Current Expiration Date
<b>TIGR155R</b>	GPR	BG5,4D	Expired	2008-12-31	2008-12-31
Comments					
		BG5,4I	Approved	2008-07-28	2010-12-31
Comments		This GPR is approved for use with ASCI Functionality.			

<b>Sagem</b>					
Model	Type	Version	Approval Status	Status Date	Current Expiration Date
<b>TIGR350R</b>	OPH	BO5,4Q	Temporary	2008-06-03	2010-08-31
Comments					

<b>Selex</b>					
Model	Type	Version	Approval Status	Status Date	Current Expiration Date
<b>ROG100</b>	OPH	1.04.024 Rev.2	Expired	2008-12-31	2008-12-31
Comments					
		S68-0036/04 S05	Expired	2008-10-31	2008-10-31
Comments					
		978-0915/01 S02	Approved	2009-10-23	2011-12-31
Comments					



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<b>Siemens</b>					
<b>(Poole)</b>					
<b>Model</b>	<b>Type</b>	<b>Version</b>	<b>Approval Status</b>	<b>Status Date</b>	<b>Current Expiration Date</b>
SVR355	CAB	1027	Previously Approved by IUG – Set to Expire	2009-10-23	2010-06-30
		1028	Previously Approved by IUG– Set to Expire	2009-10-23	2010-06-30
		1037	Previously Approved by IUG– Set to Expire	2009-10-23	2010-06-30
		1065	Approved	2009-10-23	2011-12-31
All software versions prior to 1065 are set to expire on 2010-06-30.					

<b>Triorail</b>					
<b>Model</b>	<b>Type</b>	<b>Version</b>	<b>Approval Status</b>	<b>Status Date</b>	<b>Current Expiration Date</b>
TRM-3T	MODEM	01.100	Approved	2009-12-16	2011-12-31
<b>Comments</b>					