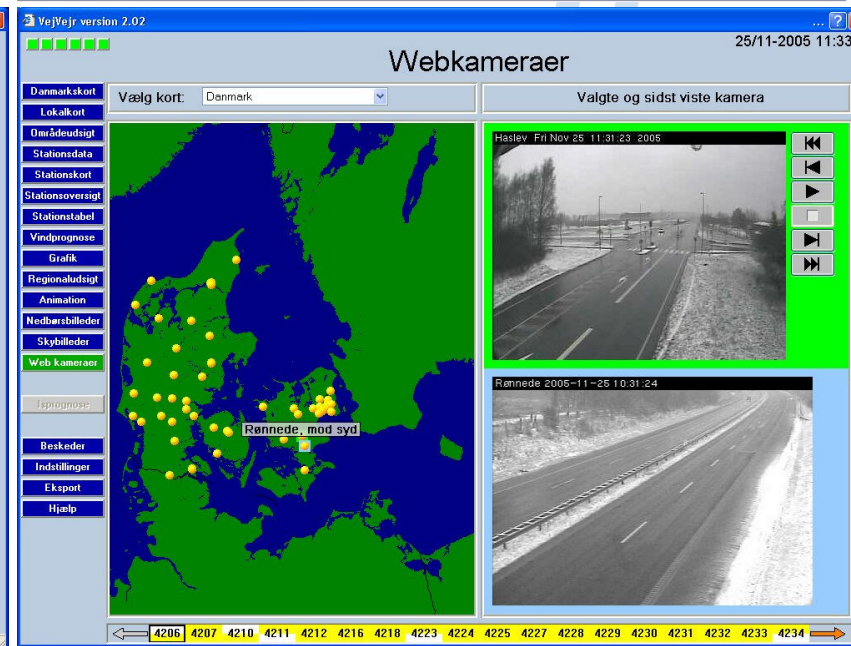
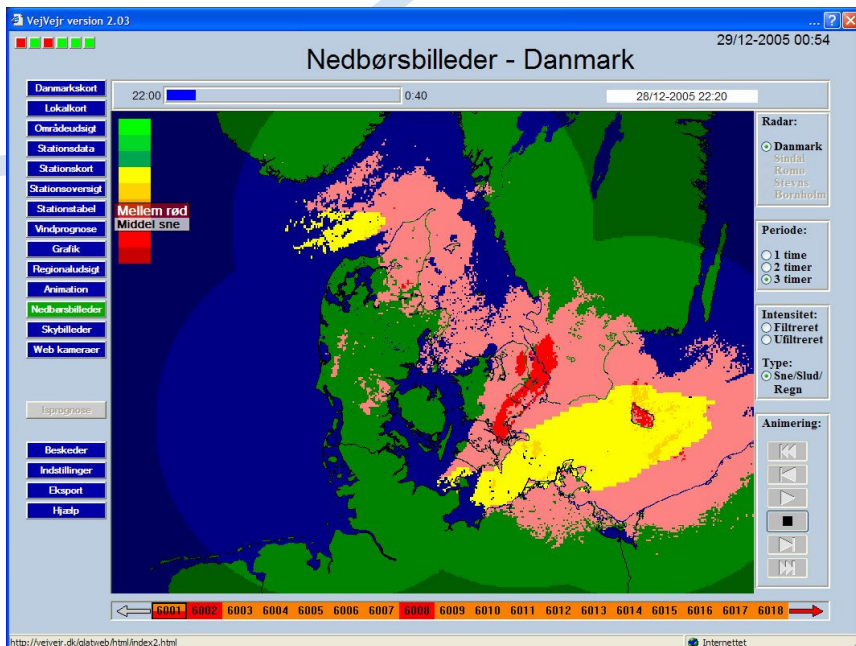
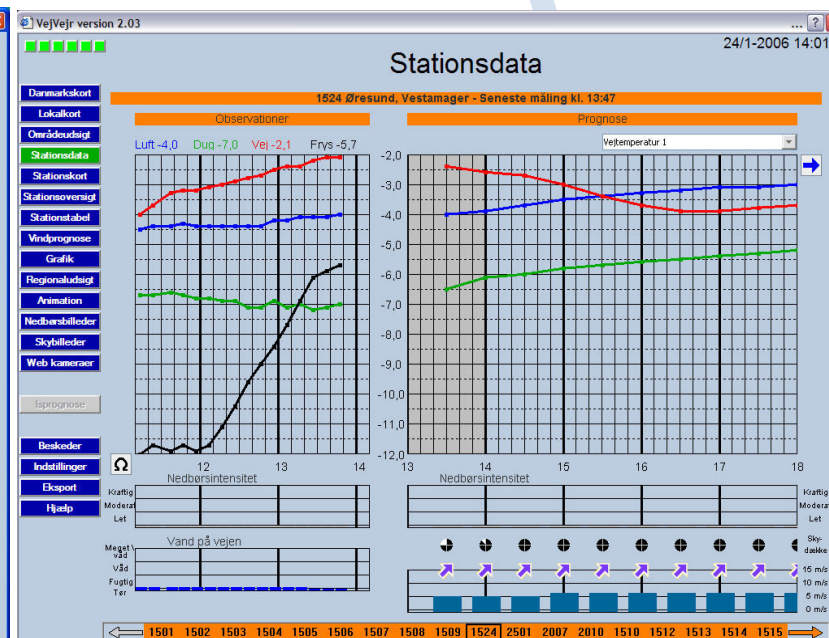
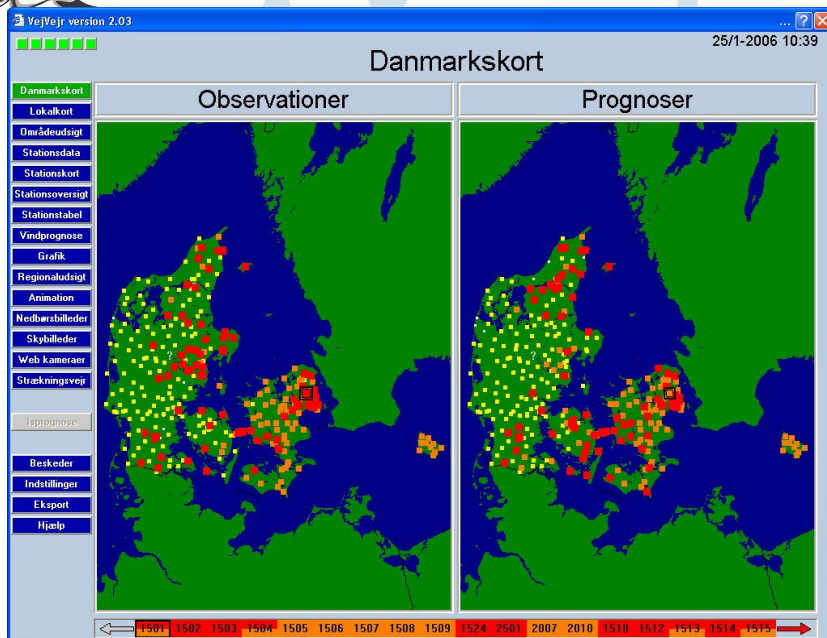




# A View of VejVejr.dk





# The Winter Central

Weather & forecasts



Call-out



Winter Central

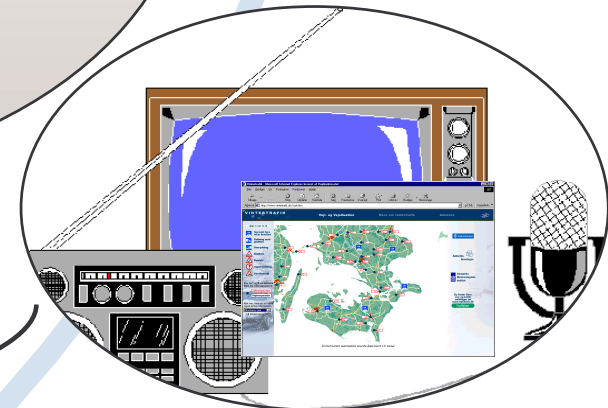
RWIS

VINTERMAN

Control and  
Monitoring



Road Users



Information



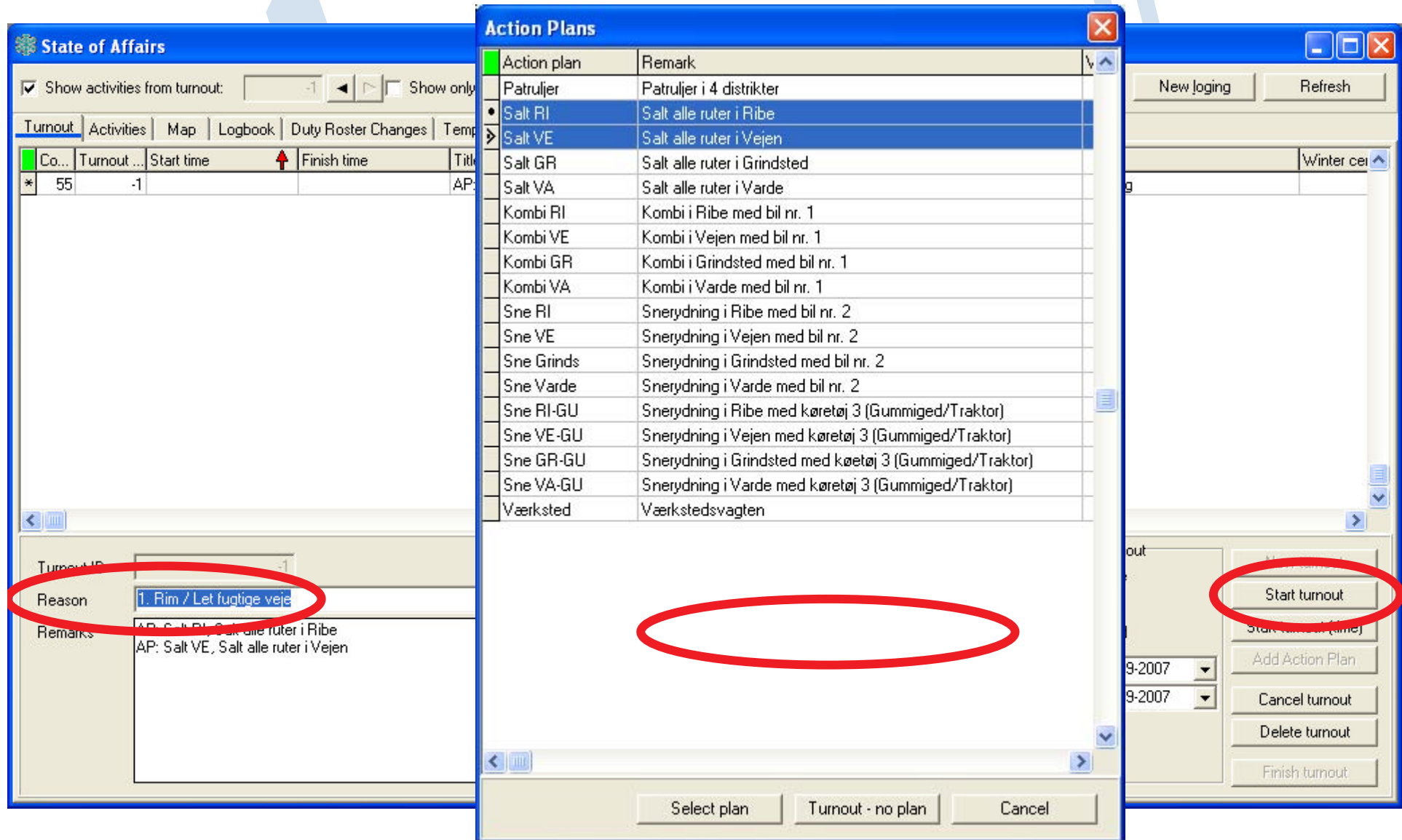
# Winterman Tasks

- Organizing administrative information
- Assistance during call-outs
- Handling road condition reporting
- Documentation of all tasks
- Follow up on consumption and winter index





# Starting a New Turnout



The screenshot shows a software interface for managing road maintenance. The 'Action Plans' dialog box is open, displaying a list of planned activities. The 'Reason' field in the 'State of Affairs' window is set to '1. Rim / Let fugtige veje'. The 'Start turnout' button in the bottom right corner is highlighted with a red circle.

Action plan	Remark
Patruljer	Patruljer i 4 distrikter
Salt RI	Salt alle ruter i Ribe
Salt VE	Salt alle ruter i Vejen
Salt GR	Salt alle ruter i Grindsted
Salt VA	Salt alle ruter i Varde
Kombi RI	Kombi i Ribe med bil nr. 1
Kombi VE	Kombi i Vejen med bil nr. 1
Kombi GR	Kombi i Grindsted med bil nr. 1
Kombi VA	Kombi i Varde med bil nr. 1
Sne RI	Snerydning i Ribe med bil nr. 2
Sne VE	Snerydning i Vejen med bil nr. 2
Sne Grinds	Snerydning i Grindsted med bil nr. 2
Sne Varde	Snerydning i Varde med bil nr. 2
Sne RI-GU	Snerydning i Ribe med køretøj 3 (Gummiged/Traktor)
Sne VE-GU	Snerydning i Vejen med køretøj 3 (Gummiged/Traktor)
Sne GR-GU	Snerydning i Grindsted med køretøj 3 (Gummiged/Traktor)
Sne VA-GU	Snerydning i Varde med køretøj 3 (Gummiged/Traktor)
Værksted	Værkstedsvagten



# Activity List: Calling Out

**State of Affairs**

Show activities from turnout: 55000402  Show only ongoing activities Area limitation: Ribe Amt

Turnout: **Activities** | Map

Route	Route type
▶ LV_RI	Salt load
RI_1	Driving k
RI_2	Driving k
RI_3	Driving k
RI_4	Driving k
RI_DISTR	Other
RI_DISTR	Other
RI_DISTR	Other
LV_VE	Salt load
VE_1	Driving k
VE_2	Driving k
VE_3	Driving k
VE_4	Driving k
VE_5	Driving k
VE_DISTR	Other

**Call**

Contact one of

Who	Initials, name
Contractor	VLH, Vognmand Leth A/S, Dis.RI
Compagny	VLH, Vognmand Leth A/S, Dis.RI

Activities with same contact number

Selec	Route	Vehicle	Equipment	Task	Dosage
***	RI_1	RI_1_B1	RI-1	Salt	10 g. salt w. prewetting

Initials: VLH Name: Vognmand Leth A/S, Dis.RI Remark to address: Rute 1, distrikt Ribe  
Salt og Plov

Choose telephone number

Type	Tlf. nr.	Ringer til	Køretøj	Bemærkning
▶ Normal	75423500			Udkalds nr. 1, rute 1 salt og plov
Normal	75423564			Udkalds nr. 2, rute 1 salt og plov
Car telephone	24867872			Kommer fra køretøj salt rute 1
Car telephone	24867875			Kommer fra køretøj plov rute 1
Car telephone	24867870			Preben

Write a remark to the logbook

Show TAPI state WAN-miniport (L2TP)

Deadline: 8-09-2007 09:59



# Activity List: Calling Out

**State of Affairs** [Window Title Bar]

Show activities from turnout: 55000402  Show only ongoing activities Area limitation: Ribe Amt [Buttons: New logging, Refresh]

Turnout | **Activities** | Map | Logbook | Duty Roster Changes | Temporary Telephone Numbers | All Telephone Numbers | Reports | Instructions

Route	Route type	Task	Sort	Company	Veh. ID	Equipment	Driver	State	Interrupt	Time for present ...	Next state	Deadline
LV_RI	Salt loader	Other	21	LV_RI				Created		8-09-2007 09:49	Contacted	8-09-2007 10:45
▶ RI_1	Driving lane	Salt	22	VLH	RI_1_B1	RI-1		Contacted		8-09-2007 10:13	Driving started	8-09-2007 10:45
RI_2	Driving lane	Salt	26	HHO	RI_2_B1	RI-2		Created		8-09-2007 09:49	Contacted	8-09-2007 10:45
RI_3	Driving lane	Salt	29	AR	MVRI_3_B1	RI-3		Created		8-09-2007 09:49	Contacted	8-09-2007 10:45
RI_4	Driving lane	Salt	32	STU	MVRI_4_B1	RI-4		Created		8-09-2007 09:49	Contacted	8-09-2007 10:45
RI_DISTR	Other	Information	36				SA	Created		8-09-2007 09:49	Contacted	8-09-2007 10:45
RI_DISTR	Other	Information	37				BK	Created		8-09-2007 09:49	Contacted	8-09-2007 10:45
RI_DISTR	Other	Information	40				EK1	Created		8-09-2007 09:49	Contacted	8-09-2007 10:45
LV_VE	Salt loader	Other	81	LV_VE				Created		8-09-2007 09:49	Contacted	8-09-2007 10:45
VE_1	Driving lane	Salt	83	BBT	VE_1_B1	VE-1		Created		8-09-2007 09:49	Contacted	8-09-2007 10:45
VE_2	Driving lane	Salt	86	REN	VE_2_B1	VE-2		Created		8-09-2007 09:49	Contacted	8-09-2007 10:45
VE_3	Driving lane	Salt	90	ROV	VE_3_B1	VE-3		Created		8-09-2007 09:49	Contacted	8-09-2007 10:45
VE_4	Driving lane	Salt	93	HJV	MVVE_4_B1	VE-4		Created		8-09-2007 09:49	Contacted	8-09-2007 10:45
VE_5	Driving lane	Salt	96	BBT	MVVE_5_B1	VE-5		Created		8-09-2007 09:49	Contacted	8-09-2007 10:45
VE_DISTR	Other	Information	100				VA	Created		8-09-2007 09:49	Contacted	8-09-2007 10:45

[Buttons: Contact, Next State, Next State (time), Restart Activity, Multi-ret, Pause, Update Activity, New Activity, Delete Activity]  Automatic refresh, sec. 10



# Activity List: Get Information

**State of Affairs** [Window controls]

Show activities from turnout: 55000401 [Navigation]  Show only ongoing activities Area limitation: Ribe Amt [More] [New logging] [Refresh]

Turnout | **Activities** | Map | Logbook | Duty Roster Changes | Temporary Telephone Numbers | All Telephone Numbers | Reports | Instructions

Route	Route type	Task	Sort	Company	Veh. ID	Equipment	Driver	State	Interrupt	Time for present ...	Next state	Deadline
LV_RI	Salt loader	Other	21	LV_RI				Start, salt depot		8-09-2007 09:24	Finish, salt depot	
RI_1	Driving lane	Salt	22	VLH	RI_1_B1	RI-1		Contacted		8-09-2007 09:24	Driving started	8-09-2007 10:09
RI_2	Driving lane	Salt	26	HHO	RI_2_B1	RI-2		Contacted		8-09-2007 09:24	Driving started	8-09-2007 10:09
RI_3	Driving lane	Salt	29	AR	MVRI_3_B1	RI-3		Driving started		8-09-2007 09:24	Finish, salt depot	8-09-2007 13:24
RI_4	Driving lane	Salt	32	STU	MVRI_4_B1	RI-4		Driving started		8-09-2007 09:24	Finish, salt depot	8-09-2007 13:24
RI_DISTR	Other	Information	36									
RI_DISTR	Other	Information	37									
RI_DISTR	Other	Information	40									
LV_VE	Salt loader	Other	81	LV_VE								
VE_1	Driving lane	Salt	83	BBT								
VE_2	Driving lane	Salt	86	REN								
VE_3	Driving lane	Salt	90	ROV								
VE_4	Driving lane	Salt	93	HJV								
VE_5	Driving lane	Salt	96	BBT								
VE_DISTR	Other	Information	100									

**You might enter salt consumption now**

Registration of salt consumption

	Expected	On-line data	Control box
Salt counter	3516		
Liquid counter, liter	1507		
Total salt consumption, kg	3849		
Deviation in consumption, %			

[Ok] [Cancel]

[Navigation] [Next State] [Next State (time)] [Automatic refresh, sec. 10]

[Restart Activity] [Multi-ret] [Pause] [Update Activity] [New Activity] [Delete Activity]



# Activity List: It's All Over


State of Affairs

55000402 | Area limitation: Ribe Amt | New logging | Refresh

Turnout | **Activities** | Map | Logbook | Duty Roster Changes | Temporary Telephone Numbers | All Telephone Numbers | Reports | Instructions

Route	Route type	Task	Sort	Company	Veh. ID	Equipment	Driver	State	Interrupt	Time for present ...	Next state	Deadline
▶ LV_RI	Salt loader	Other	21	LV_RI				Finish, salt depot		8-09-2007 10:21		
RI_1	Driving lane	Salt	22	VLH	RI_1_B1	RI-1		Finish, salt depot		8-09-2007 10:21		
RI_2	Driving lane	Salt	26	HHO	RI_2_B1	RI-2		Finish, salt depot		8-09-2007 10:21		
RI_3	Driving lane	Salt	29	AR	MVRI_3_B1	RI-3		Finish, salt depot		8-09-2007 10:21		
RI_4	Driving lane	Salt	32	STU	MVRI_4_B1	RI-4		Finish, salt depot		8-09-2007 10:21		
RI_DISTR	Other	Information	36				SA	Contacted		8-09-2007 10:18		
RI_DISTR	Other	Information	37				BK	Contacted		8-09-2007 10:18		
RI_DISTR	Other	Information	40				EK1	Contacted		8-09-2007 10:18		
LV_VE	Salt loader	Other	81	LV_VE				Finish, salt depot		8-09-2007 10:21		
VE_1	Driving lane	Salt	83	BBT	VE_1_B1	VE-1		Finish, salt depot		8-09-2007 10:21		
VE_2	Driving lane	Salt	86	REN	VE_2_B1	VE-2		Finish, salt depot		8-09-2007 10:21		
VE_3	Driving lane	Salt	90	ROV	VE_3_B1	VE-3		Finish, salt depot		8-09-2007 10:21		
VE_4	Driving lane	Salt	93	HJV	MWVE_4_B1	VE-4		Finish, salt depot		8-09-2007 10:21		
VE_5	Driving lane	Salt	96	BBT	MWVE_5_B1	VE-5		Finish, salt depot		8-09-2007 10:21		
VE_DISTR	Other	Information	100				VA	Contacted		8-09-2007 10:18		

Automatic refresh, sec. 10







# Auditing: a Control Function

**Turnout Auditing**

Turnout 55000351 at the 1-03-2005 17:14. Dosage Tørsalt 20g, 5. Kombi i sne: En kørebane

Overview Data

Show only non audited activities

Sort Order  
 Standard  Date  Route, date  Vehicle, date

State	Contact time	Turnout ID	Aktivitet ID	Task	Route	Vehicle	Company	Start/finish time	Time	Payment type	Std. price	Reg. price	S
Can be audited	1-03-2005 17:15	55000351	55003043	Other	LV_GR		LV_GR	17:26 - 00:09	6:43	7:30 of 335,00 DKK	2.512,50	2.633,10	
Can be audited	1-03-2005 17:16	55000351	55003044	Combi	GR_1	GR_1_B1	BRA	17:34 - 21:15	3:41	3:41 of 535,00 DKK	1.970,58	2.065,17	
Can be audited	1-03-2005 21:17	55000351	55003075	Combi	GR_1	GR_1_B1	BRA	21:17 - 23:50	2:33	2:33 of 535,00 DKK	1.364,25	1.429,73	
▶ Can be audited	1-03-2005 17:17	55000351	55003045	Combi	GR_2	GR_2_B1	JPJ	17:55 - 20:19	2:03	2:03 of 560,00 DKK	1.148,00	1.331,48	
								18:23 - 18:44	0:21	Garage/mat. of 350,00 DKK	122,50		
Can be audited	1-03-2005 20:19	55000351	55003073	Combi	GR_2	GR_2_B1	JPJ	20:19 - 23:29	3:10	3:10 of 560,00 DKK	1.773,33	1.858,45	
Can be audited	1-03-2005 17:18	55000351	55003046	Combi	GR_3	GR_3_B1	RM	17:35 - 20:48	3:13	3:13 of 591,00 DKK	1.901,05	1.992,30	
Can be audited	1-03-2005 20:48	55000351	55003074	Combi	GR_3	GR_3_B1	RM	20:48 - 22:50	2:02	2:02 of 591,00 DKK	1.201,70	1.259,38	
Can be audited	1-03-2005 17:34	55000351	55003047	Information	GR_DISTR			17:34 - 00:00	0:00	0:00 of 0,00 DKK			
Can be audited	1-03-2005 17:32	55000351	55003048	Information	GR_DISTR			17:32 - 00:00	0:00	0:00 of 0,00 DKK			

Total contractor expenses: 12570  
Total salt expenses: 12827  
Total salt consumption: 42473

For all selected activities:

For the entire turnout:



# Invoicing Basis

Preview report on screen

File Page Zoom

Page 1 of 1 Zoom 110.0 %

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Vinterman Invoicing Basis

Company JPJ - Jens Peter Jensen, GR Dist  
 Prislste GR-2 SA  
 Periode 1-01-2005 - 31-01-2005

Contact time	ID	Task	Route	Vehicle	Start/finish	Time	Settling	Ord. price	Reg. price	Salt, kg	Dev. dry
1-01-2005 03:19	55000130	Salt	GR_2	GR_2_B1	03:45 - 06:45	3:00	3:00 of 540,00 DKK	1620,00	1697,76	3642	-11,0
2-01-2005 21:21	55000133	Salt	GR_2	GR_2_B1	21:48 - 01:06	3:18	3:18 of 540,00 DKK	1782,00	1867,54	7806	0,0
3-01-2005 01:42	55000137	Combi	GR_2	GR_2_B1	02:02 - 06:05	4:03	4:03 of 560,00 DKK	2268,00	2376,86	8231	-15,0
13-01-2005 19:20	55000145	Salt	GR_2	GR_2_B1	20:05 - 23:34	3:31	3:31 of 540,00 DKK	1899,00	1990,15	8004	-19,0

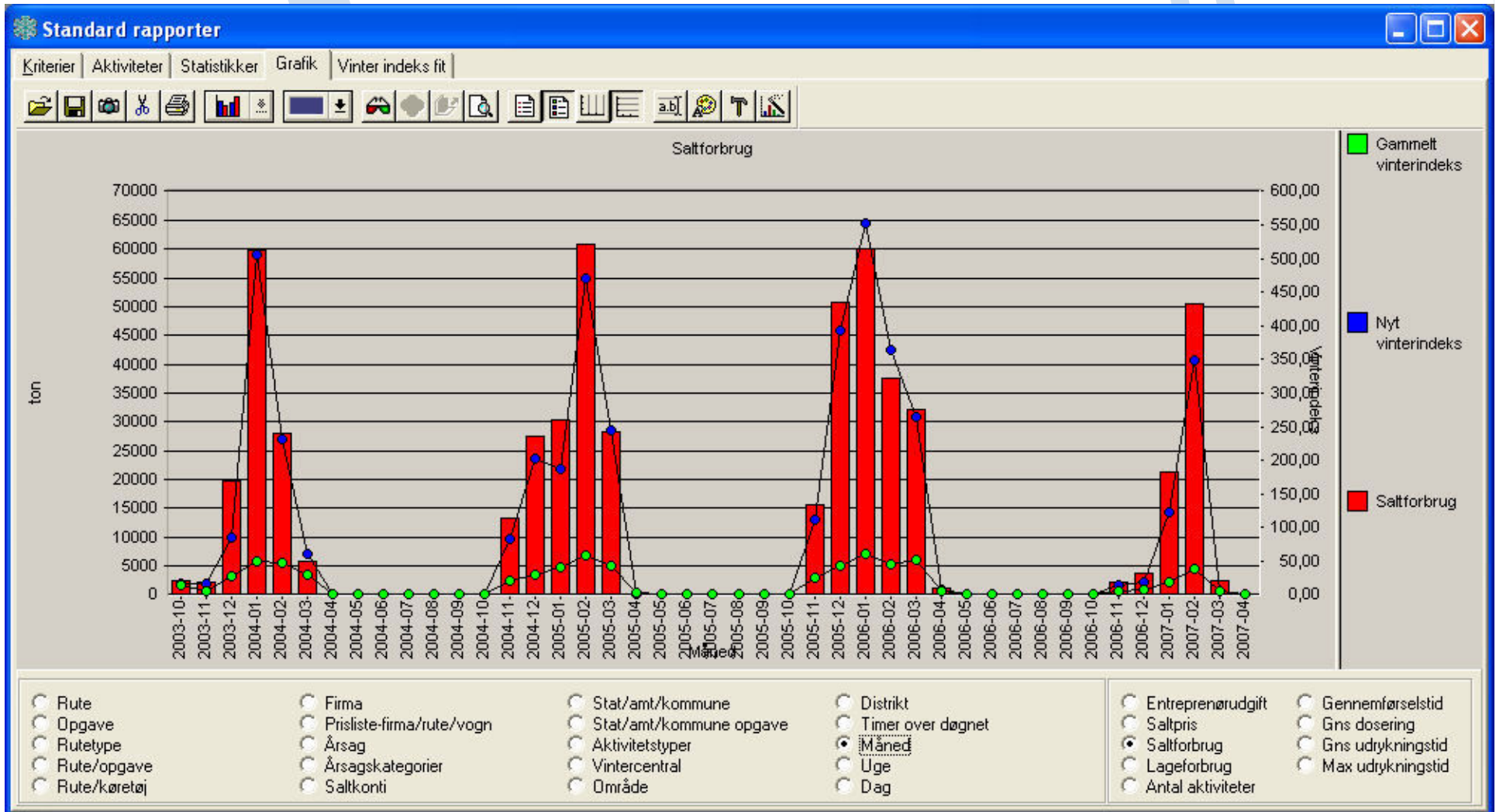
Contact time	ID	Task	Route	Vehicle	Start/finish	Time	Settling	Ord. price	Reg. price	Salt, kg	Dev. dry
1-01-2005 03:19	55000130	Salt	GR_2	GR_2_B1	03:45 - 06:45	3:00	3:00 of 540,00 DKK	1620,00	1697,76	3642	-11,0
2-01-2005 21:21	55000133	Salt	GR_2	GR_2_B1	21:48 - 01:06	3:18	3:18 of 540,00 DKK	1782,00	1867,54	7806	0,0
3-01-2005 01:42	55000137	Combi	GR_2	GR_2_B1	02:02 - 06:05	4:03	4:03 of 560,00 DKK	2268,00	2376,86	8231	-15,0
24-01-2005 04:21	55000201	Salt	GR_2	GR_2_B1	04:49 - 08:10	3:21	3:21 of 540,00 DKK	1809,00	1895,83	7307	-6,0
26-01-2005 15:44	55000206	Salt	GR_2	GR_2_B1	16:07 - 19:06	2:59	3:00 of 540,00 DKK	1620,00	1697,76	3573	-12,0
26-01-2005 19:06	55000206	Combi	GR_2	GR_2_B1	19:06 - 21:30	2:24	2:24 of 560,00 DKK	1344,00	1408,51	7166	76,0
26-01-2005 21:30	55000206	Combi	GR_2	GR_2_B1	21:30 - 23:19	1:49	1:49 of 560,00 DKK	1017,33	1066,17	3409	-65,0
1:49 of 560,00 DKK								1017,33	1066,17		
3:13 of 540,00 DKK								1737,00	1820,38		
3:15 of 540,00 DKK								1755,00	1839,24		
3:00 of 540,00 DKK								1620,00	1697,76		
3:18 of 540,00 DKK								1782,00	1867,54		
									42200,86		

42200,86



# Statistics

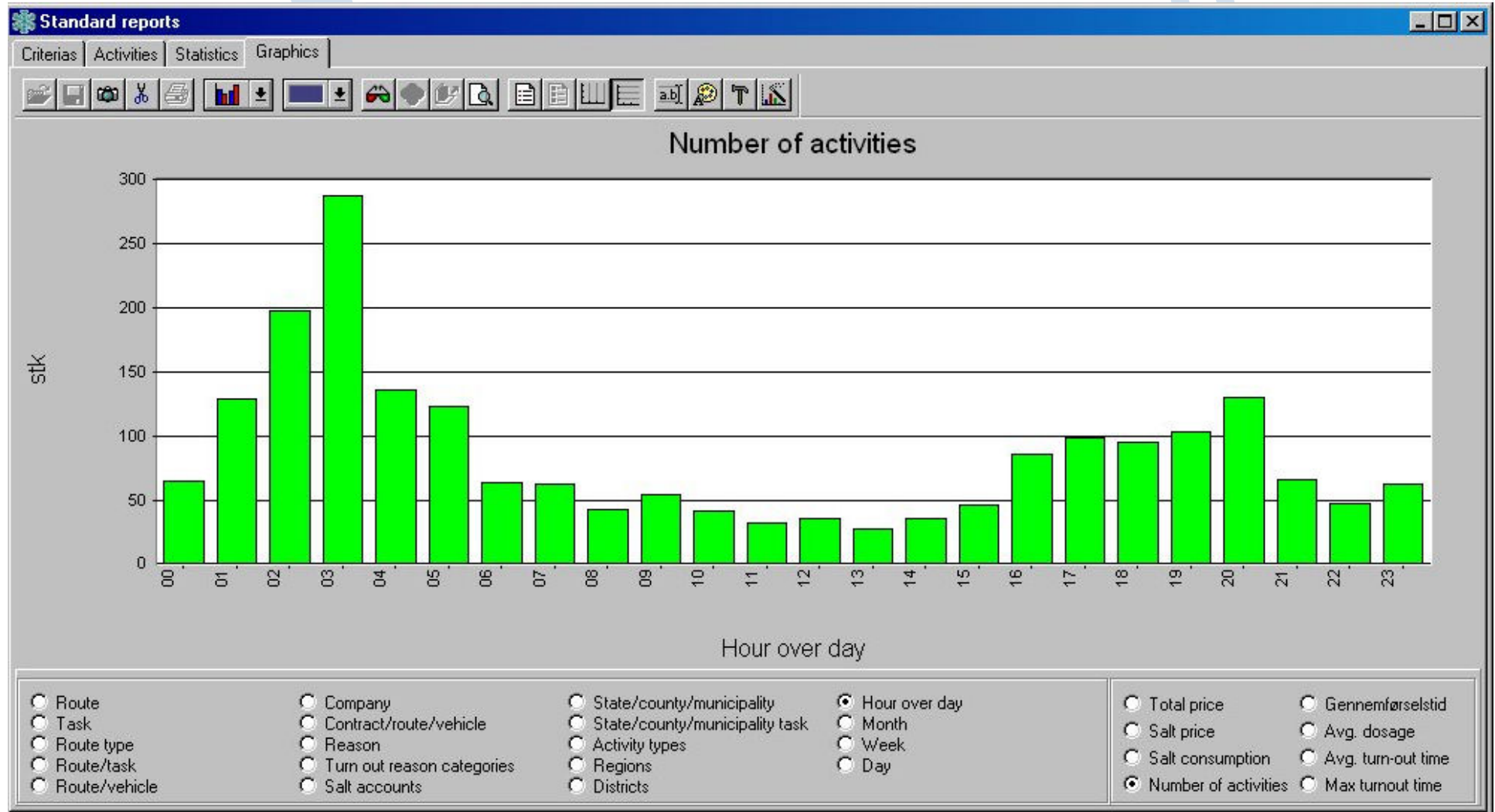
## Monthly Salt Consumption





# Statistics

## Activity Starting Hour





# Struktured Logbook

- All telephone calls and attempts
- State changes for all activities
- Temporary telephone numbers and duty roaster changes
- Regularly reminders
- System login and logouts
- SMS and E-mails from Winterman
- Manually registrations •

