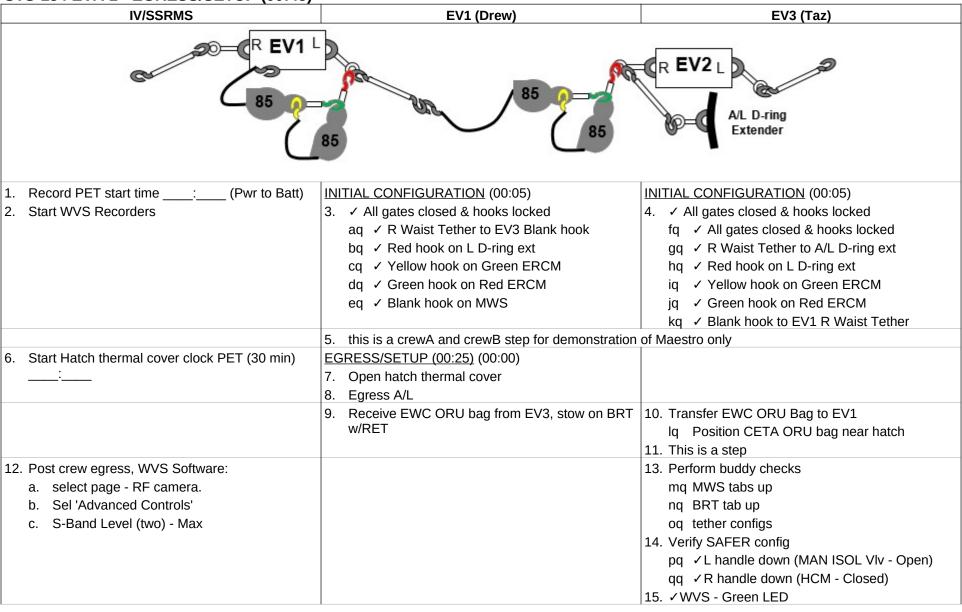
STS-134 EVA 1 - Summary Timeline



STS-134 EVA 1 - EGRESS/SETUP (00:45)



STS-134 EVA 1 - EGRESS/SETUP (00:45)

IV/SSRMS	EV1 (Drew)	EV3 (Taz)
	16. Perform buddy checks 19. Perform buddy checks	
	rq MWS tabs up	wq MWS tabs up
	sq BRT tab up	xq BRT tab up
	tq tether configs	yq tether configs
	17. Verify SAFER config	20. Verify SAFER config
	uq ✓L handle down (MAN ISOL VIv - Open)	zq ✓L handle down (MAN ISOL VIv - Open)
	vq ✓R handle down (HCM - Closed)	aaq ✓ R handle down (HCM - Closed)
	18. ✓WVS - Green LED	21. ✓ WVS - Green LED
	22. Translate to S0 Port Struts	26. Retrieve CETA ORU bag, stow on BRT with RET
	23. Attach EV1 **BLANK** hook to port-outboard strut	
	bbq ✓ Gat closed, hook locked, reels unlocked, release RET	
	24. Attach EV3 **BLANK** hook to port-inboard strut	
	ccq ✓ Gate closed, hook locked	
	25. Release EV1 R Waist Tether from EV3 **BLANK** hook	
	27. Give **EV3 GO ** to release Waist Tether	28. On **EV1 GO **, EV3 release right Waist Tether from Airlock internal D-Ring
	29. Translate forward along Lab.	32. Close hatch thermal cover
	30. Stow EWC ORU bag on Lab HR 0260, 0259 with	33. Perform translation adaptation
	hinge ISS aft	34. Translate to S1 Face 1, nadir - MISSE 7 Retrieve
	31. Translate to S1 Face 1, zenith - MISSE 7 Retrieve	
35. Stop Hatch Thermal Cover clock PET (30 min)		

IV/SSRMS	EV1 (Drew)	EV3 (Taz)
Verify inhibits in place		
a. ✓ Stbd SARJ locked		
b. ✓ MISSE/ELC-2 inhibits		
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IV/SSRMS	EV1 (Drew)	EV3 (Taz)
	10. Translate to S1 Face 2, zenith route	14. Translate to S1 Face 6, nadir route
	aq Fairlead on S0 HR 3467 (bay 1)	15. Attach "'GREEN" hook on S1 HR 3217 or Xo
	11. Attach "'GREEN" hook on S1 HR 3208 (bay 17)	5790 (bay 17)
	bq ✓ Gate closed, hook locked, reels unlocked, release RET	dq Gate closed, hook locked, reels unlocked, release RET
	12. Translate zenith to ELC-2	16. Translate outbd to bay 19
	cq Fairlead on S3 HR 3052 (face 1)	17. Stow CETA ORU bag on S3 HRs 3046, 3038
	13. Photograph deployed PECs	18. Translate zenith to ELC2
	a. PEC 7B (✓ Ram/Fwd side, ✓ Aft side)	
	b. PEC 7A (✓ Zenith side, ✓ Nadir side)	
	c. ✓✓ Overall View (2 angles)	
		19. If EV1 complete with photos of PEC 7B, close PEC 7B
		eq All 4 PIP pins are re-installed
		20. Disconnect connector from PEC 7B
		fq RET, remove cap from dummy connector J7B
		gq Demate connector from PEC
		hq Mate connector to dummy connector J7B (no FOD, pins)
		iq Install cap onto PEC 7B
	21. Close PEC 7A	22. Disconnect connector from PEC 7A
	jq ✓ All 4 PIP pins are re-installed	kq RET, remove cap from dummy connector J7A
		lq Demate connector from PEC
		mq Mate connector to dummy connector J7A (no FOD, pins)
		nq Install cap onto PEC 7A
		23. Release PEC 7B (2 PIP pins), stow on BRT w/RET (nadir HR)
		oq Reinstall Socket PIP pins (2)
		24. Release PEC 7A (release 2 PIP pins), stow on BRT w/RET (RAM HR)
		pq Reinstall Socket PIP pins (2)

IV/SSRMS	EV1 (Drew)	EV3 (Taz)
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	 27. Retrieve GREEN hook from S1 HR 3208 qq Gate closed, hook locked, reels unlocked, release RET 28. Translate to Node 2, along port/zenith STOW MISSE 7A IN PLB (00:10) 29. Attach GREEN hook on Node 2 HR 0344 rq Gate closed, hook locked, reels unlocked, release RET 30. Translate to Orbiter, port, bay 4 31. Remove SWC latch PIP pins (2) 32. Release latch (2) from stow position 33. Stow PEC 7A in carrier (HRs out, Probe up) 34. Lock fwd latch in landing config sq Install PIP pin 35. Retrieve RET 36. Lock aft latch in landing config tq Install PIP pin 	37. Retrieve GREEN hook from S1 HR 3217 or Xo 5790 uq Gate closed, hook locked, reels unlocked, release RET 38. Translate to Node 2, stbd/zenith route vq Fairlead on Lab HR 0247 with wrist Adj wq Fairlead on Node 2 HR 0314 xq Face toward Col and Node 2 39. STOW MISSE 7B IN PLB (00:15) 40. Translate to Orbiter, stbd, bay 4 41. Remove SWC latch PIP pins (2) 42. Release latch (2) from stow position 43. Stow PEC 7B in carrier (HRs out, Probe up) 44. Lock aft latch in landing config yq Install PIP pin 45. Retrieve RET 46. Lock fwd latch in landing config zq Install PIP pin

IV/SSRMS	EV1 (Drew)	EV3 (Taz)
47. Glove and Gauntlet check		49. **Glove and Gauntlet check**
	48. Translate aft to Bay 9 - MISSE 8 Retrieve	50. "Translate aft to S3 Face 1 - S3 CETA Light
		Install''

STS-134 EVA 1 - MISSE 8 Install (00:40)

IV/SSRMS	EV1 (Drew)
1. TBD	2. TBD

STS-134 EVA 1 - S3 CETA Light Install (00:25)

IV/SSRMS	EV3 (Taz)
1. TBD	2. TBD

STS-134 EVA 1 - Stbd SARJ Cover 7 Install (00:25)

IV/SSRMS	EV3 (Taz)
1. TBD	2. TBD

STS-134 EVA 1 - P3/P4 NH3 Jumper Install (00:35 / 00:25)

IV/SSRMS	EV1 (Drew)	
1. TBD	2. TBD	

STS-134 EVA 1 - P5/P6 NH3 Jumper Install / N2 Vent (00:35)

IV/SSRMS		EV1 (Drew)	
1. TBD		2. TBD	

STS-134 EVA 1 - P3/P4 NH3 Jumper Temp Stow (00:35)

IV/SSRMS	EV3 (Taz)	
1. TBD	2. TBD	

STS-134 EVA 1 - EWC Antenna Install (02:20 / 02:45)

IV/SSRMS	EV1 (Drew)	EV3 (Taz)
1. TBD	2. TBD	3. TBD

STS-134 EVA 1 - VTEB Cleanup (00:25)

IV/SSRMS	EV1 (Drew)
1. TBD	2. TBD

IV/SSRMS	EV1 (Drew)	EV3 (Taz)
1. TBD	2. TBD	3. TBD