

TELEMACHE

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*In memory of Jimmy Clark
a Thames Lighterman*

Telemachus:

The name of Odysseus' son. In mythology he struggles to prevent Ithaca being taken from his family by his mother's ambitious suitors. But it is also the name of a 5th century saint martyred when trying to prevent a gladiatorial combat.

*The name means 'Far Warrior'. **Telemache** is the feminine version of the name.*

**MOST PEOPLE THINK, 'IT'S THEM OR US'.
WHAT DO YOU DO WHEN IT'S THEM AND US?**

Lise has a singular talent. It would be easy to misuse it.

Someone is determined to do so.

They'll take everything - her friends, her freedom, her sanity - to force her hand.

Some people will take the Earth, if you let them....

CHAPTER 1

BRUSSELS NEW CITY STATE, A.D. 2112

‘Is that on alright?’

‘Fine.’ Lise had grimaced because her back ached; nothing to do with the resistance suit she’d just donned, though spending the next few hours in it surely wouldn’t help. The suit was not comfortable, but then you had to be aware of it for it to work. She knew it would feel better once it was operational; at least, it had during testing. But it had never been comfortable, not at any stage in the prototyping. That was not why Rik looked anxious though.

He wanted to be in the suit. He would much rather he was the Factor on this particular job. The bombs had hit the Tervuren sector, mainly family apartments and related services like schools and nurseries. Part of her wished she could pass this job to him; but it was her turn, however unpleasant it was going to be, and not something she was prepared to hand over. Intel suggested it would be a ‘live’ recovery, her first one. Rik’d been through live recovery twice, through the luck of the shifts, and he was not one to dramatize things, so she wasn’t expecting to enjoy this.

‘It’s ok,’ she repeated. ‘Pass my lenses.’ She could have done it herself; the resistance suit was not bulky but it was stiff, due to the strips of sensor fibres and microhydraulics running through it, which would feed back movements and sensations from the remote environment. But it was a tradition that they always did this for each other, and Rik had already reached into her kit bag to get them out before she spoke.

He set the lens case in her hands after she settled into the chair, and he moved off to the console where Sophie and the backup technician stood. She took a deep breath and defied the inflexible suit to get the lenses in, one then the other, knowing not to try to make sense of the

halfway point where one eye saw the remote display and the other the world around her. They settled properly on her corneas, and she looked on the world around the remote, viewed through its mini-cam eyes. That world was not pretty.

What she saw in front of her had been apartment blocks, a few hours ago; now it was a folded heap of living units, a few units intact at the back but the rest all concertinaed together or spilled across the road. This was an improvement on the area just bordering on the remote's field of vision, where the bomb must have hit. Nothing but twisted molten metal recognisable there.

She hid the shudder from the others by putting the gloves on, connected its sensor links by sealing the wrists, and settled back in the chair. The act of sealing the suit also powered it up, picking up the signal from the implants in the motor and aural areas of her brain. She heard that faint background hum that the system made as her connections to and from the remote became fully operational, allowing her, the Factor, to think its movements and give it her voice and experience the world it moved in...

She spoke her name, Lise Marat, and counted to five out loud. The aural implant pipped once, three times more, acknowledging her voice patterns. On the third pip, remote sound cut in. If anyone made a noise where her body was now, she would not know it; the system controlled the auditory areas of her brain entirely. But that was all right; she was past the halfway stage and now she *was* the remote. It was the half-world, the limbo where she was both here and there, that she hated.

The noise level at the bomb site was not too bad. The crunch of feet on the debris told her someone was nearby. She thought the movement of head and eyes, and the boots and fatigues of an engineer came into view. As the remote, she stood and looked up. The engineer looked down

into the mini-cam eyes as if he was looking at a person, used to the conventions of remotes and their Factors, eyebrows cocked as he waited for her to introduce herself.

‘I’m Lise Marat.’ She extended a remote arm, which amused him although dozens of Factors must have made the same jest; he reached down and shook it. ‘Martin Guerand, Rescue Remote Engineer,’ he replied. She did not recognise the type of arm her remote had. ‘What model am I?’ she asked him. ‘You’re a 790D, Lise. D for detachable. Nice voice; shame about the body.’

Another old joke engineers always used on Factors. Lightening each other up before they got down to the grim business. She wished she could take it lightly too; but so far everything suggested this would be a bad job. A 790, a light model, so as not to disturb unsound debris; but detachable limbs too, as though subsidence was expected. ‘Are they sure there are people in there?’ she asked him, and he shrugged: ‘Got a heat source, 90% probability,’ was all he would say. He went serious and beckoned her to follow him.

‘Where do I go in?’ The place he was leading her to looked like solid rubble, with another engineer on top of it holding a heat imager. ‘Up, then in,’ he told her, and started to climb the rubble, making sure she saw the foot- and handholds as he went. ‘It’s not at all stable,’ he pointed out, being careful to distribute his weight as he gingerly made his way up. The blast had taken out maybe eight floors. Everything was in the height of no more than three now. Far above, living units that had survived the blast hung out over nothing. Probably safe, since they’d brought in expensive salvage equipment down here – but no guarantee.

The other man eyed her remote when she got to the top, not the same look as she had got from Martin. This man must be new to the work, so he was not used to the eerie approximation of human movement that he saw, but it was a wary, resentful look too. That probably meant he

was rated 40-plus, a true telepath, conscripted to this work. They were fighting this war against telepath dominated city states, and telepaths in Brussels who escaped the pogroms and the forcible repatriation got all the lousy jobs - telepaths, and conscientious objectors like her and doubtless Martin. But at least she did not have to stand on this deathtrap, except as part of virtual reality. 'Good afternoon, Sir,' she said, politeness the best she could do to make up for a situation not of her making. He nodded, which was something.

Martin was down on hands and knees now, by a slab of concrete that partially roofed a small hollow. She knelt too, stuck her remote's head down and turned on her lights. 'Dear God,' she murmured. The gap was about twelve inches high, and barely any wider. Through the dust though, she could see that it widened further in.

The heat source is about twelve feet down, in the back corner,' The second engineer told her. 'It's small. It may be a child.'

It did not help to know that, not in the least. 'OK. Can I ask you guys to stay this side of things, and not walk on the back unless you have to?'

'You're running the show now,' Martin told her. He handed her a small box, which she clipped to the remote's shoulder. She did not have to ask: hypos with painkiller and sedative, and compact oxygen if the dust in the air was too much for a survivor. It was not much, but it was better than nothing. Martin clipped a deflated resistance tunnel to the waist of the remote, so she could drag it after her. It worked on similar principles to the resistance suit, using mini-hydraulics to inflate the tunnel walls and then altering the chemical structure of the tunnel fabric to make it rigid, so that rescue workers could follow her down in greater safety. Once it was attached, she did not wait. She slithered into the hole head first.

This is our life now, she thought. All of us, crawling through crumbling cities - crumbling morally as well as physically. It's not just Brussels; it's everywhere. It just feels worse in a place like Brussels. There were enough people alive still who remembered the old days, when this city had been the hub of Europe, with a welcome for everyone. Even when world environmental problems became severe, and Brussels became a concentrated City State and most of Europe was farmed or re-forested as world economics demanded, still that sense of welcome was there. An exceptional number of Brussels citizens had been accepted into the Half-Light space colonisation scheme, not surprisingly; they generally had multiple languages, they knew how to get on with folk of all creeds and at all levels of society. The three colony ships had gone and despite the cost, feelings were buoyant; it seemed that the great problems of the world were on the turn, and her team's work with remotes held such promise for fixing many of those problems.

And then scientists discovered the trigger to telepathy. That was when, slowly, it all started to fall apart.

Before the war, when the remotes had been a project that they saw coming into use in five or ten year's time, she had been a biosoftware specialist. It was a small project team, Rik in charge, her on the bio input-output systems, Sophie the remote hardware expert, and Dan, the sensor specialist, creating the interface between Factors and remotes. When war was declared, they had all got together at Rik's and drunk too much as they speculated on how their work would be misused; then they sobered up and agreed on a pact to refuse to work on military applications. The company had backed them, got it all made legally binding; even when the company found itself obliged to turn over their work to the mil, they themselves continued to refuse to apply their skills directly, and got away with it. They cut down on development,

deliberately, began to hone the system they had, testing it themselves until each of them had factoring skills the mil envied, enough to pressure them continuously to change their minds.

And Dan had. He had gone to join the mil.

That had been a defection that hurt, in more ways than one; Dan had been a lover, one of very few in her twenty-five years. A man called Ton Van Eylen had lured him away, Van Eylen who to Lise stood for everything red-necked and gung-ho in Brussels State administration, everything she most loathed. Van Eylen still called her, periodically; trying to get her to join up too. The man ought to realise how much she disliked him. Not much up top and totally numb from the neck down – no heart, no gut telling him how wrong he was. Like most of the State administration, she guessed. She had hung up on him every time.

She felt pressure on her shoulder, the remote's sensors passing their data to the resistance suit. She had been factoring so long that moving the remote was as natural as moving her own body, to the point of not actively thinking about it. She retreated a little, felt the pressure fade and saw the obstruction; a metal stanchion. She could get past it; the pressure tunnel would be more of a problem. She regretted that they had never implemented stress sensors on the remotes; she could have checked if this obstruction was load-bearing and, if not, try taking it out. No built-in cutting gear either; in fact damn all, with their budgets. While doubtless the mil...

Doubtless they were overfunded, busy causing this kind of mayhem in some other city while rescue workers as underfunded as her team struggled to save lives. What do you do? Sell out? Stop whimpering, she ordered herself, and get on.

Through daydreaming she had lost her reckoning of distance, but once past the obstruction she decided to stop and try a contact. She called out, twice, then listened.

There was something. Very muffled, and some way ahead. The way looked blocked. She pushed right up to it, found a section of it that yielded, shoved it aside and moved on. Something stuck out in her path, and she tried to move that. It was hard to make out what it was; the sensors in her gloves were telling her it was firm, but gave slightly. Padded arm of a chair?

God. It was a human arm, from the elbow down. The rest of it was under the debris she had just come past.

The sound came again, nearer now, and clearly a voice. Someone was alive, just ahead. She forced herself on, her own skin crawling as the suit sensed the remote's passage over the dead person's arm.

'Keep talking. I'm trying to trace you.'

'I can see your light. Over here, over here!' It was a child's voice, not very strong but she had the direction now. There were more obstructions in the way, mostly kitchen things and pieces of wall and ceiling panel.

'I'm coming. I'm Lise. Talk to me, tell me who you are.' God, it was getting narrower and narrower, even with the stuff that would move out of the way. The load above her creaked ominously. The child, excited to hear another person, did not seem to notice.

'I'm Sam. Your voice sounds funny.'

'That's because I'm speaking through a remote. You'll see it in a minute, a little metal man. I'm controlling it. Now it's found you, I can tell the people outside just where you are.'

'I saw a program at school about remotes. So you're not here, then?' A wistful voice, scared; wanting a real person nearby. 'My leg hurts, real bad.'

'That's OK, Sam. It's the same as if I was there. I can see and feel everything, and I've got some medicine to stop your leg hurting.' She pulled away a piece of ceiling panel, and Sam said

‘Ow!’ because her lights shone in his eyes. She turned them down a little, and a grubby, frightened face stared at her, about two feet ahead.

‘Hello, Sam.’ Sam was studying the remote, which was much the same size as him. He lay mostly face down in a wedge-shaped space, roofed by the kitchen table. He must have got under it when he heard the sirens. The wedge came down to an angle behind him, where his leg must be trapped. She unclipped the little medical box, took out the painkiller hypo and dialed it down to a child's dose. ‘Sam, can you stretch your hand out to me?’ He did. ‘This'll be like a little tap on the back of your hand,’ she warned him, but the hypo did not bother him. The remote hands were too fascinating to him; he watched them as she took his pulse. It was racing but steady and strong, with no sign of shock. If his leg was severed, the pressure on it was preventing blood loss.

‘It's got fingers,’ he grinned. She put the spent hypo away, and wiggled the fingers at him. He wiggled his back.

‘OK Sam, your leg should feel a lot better in a minute. I'm going to move back a little now, and tell the people outside where we are.’ She shuffled back far enough to be out of his hearing. ‘Control, can I talk to one of the engineers up on top?’

‘Lise?’ came Martin's voice after a moment.

‘Refresh my memory, will you? I know the tunnel will take ten tonnes p.s.m. rigid; what will it take while inflating?’

‘A lot less. Point five max, I'd guess. You badly unstable down there?’

That's it, I don't know. The load's creaking all over the place. I've got several obstructions that the tunnel will have to break down if you guys and the medics are going to get in, but I don't know if they're load-bearing. I've got one dead adult, one live child down here. The child's

trapped by one leg, but awake; I've administered painkiller.' She ought to administer the sedative too; it would be fairer to him. She was horribly afraid that they would not get him out of here.

'Lise, here's an alternative suggestion: partial inflation, just enough to haul cutting gear down - you have the tow line built inside the tunnel to do that. You cut the kid free. You got room to bring the kid back yourself if you do that?'

'Just,' she estimated. 'But I'm no cutter. I wouldn't know what to do. And what do I do for the leg, if the pressure's off it and he's losing blood?'

'Get him out fast, I guess. You took under six minutes going in. Or - one of the medics here says we can send pressure bandages down with the cutting gear. We have your sensor display up here too, remember. We can talk you through the cutting and check the pressure bandage is doing its job. Happy for me to talk you through cutting?'

'You'd be perfect, Martin.' She was almost in tears with gratitude at being given some hope. 'I'll move back nearer the kid and let you know when I'm ready for the gear.'

When she crawled back, Sam listened as she explained what was going to happen. His grubby face was solemn.

'Lise,' he said when she had finished, 'Mama was here when the roof fell down. I called for her, but she didn't say anything. Do you think she's dead?'

'I don't know, Sweetheart,' she lied, and busied herself with the tunnel. 'I'll have a look for her when we're done with this.'

She tucked her remote self in beside him while the tunnel inflated, listening to the tune of creaks and groans from the rubble and trying to detect any change that suggested the tunnel was disrupting what little stability there was. The noise had no pattern she could make out; she gave up, and checked Sam's vital signs again. The delicate fingertip sensors told her the blood flow

was all wrong in his trapped leg, though overall his pressure was still good. He'd lose the leg, she was sure.

The screech of metal on metal, well down the tunnel, was followed an instant later by the roof of their section tipping slowly but inexorably down upon them. She heard Sam scream, felt the pressure suit tighten all down her right leg and then pulse, mid-thigh, telling her sensors below that point were inoperable on the remote. Then it was quiet, except for Martin yelling in her ear down the open link.

'Sam! Sam, are you all right?' Her voice silenced Martin but set Sam off crying, quiet sobs of real fear. She turned her lights up and through the dusty beams she saw him, the gap above him much less now. She touched him with the remote arm.

'Sam, are you trapped anywhere else?' He still sobbed quietly. 'Come on, Sam!'

'No.'

'And your leg?'

'Still stuck. I want Mama...'

She left him to cry. A verbal command detached the crushed limb of the remote, and she crawled into the space the partly inflated tunnel gave her. The dust was in here too, and the tunnel bent so she could not see if there was a path through.

'Martin?'

'Here Lise. You OK?'

'Short of a remote leg. The kid seems scared, rather than any more hurt. Is the tunnel intact?'

A long silence. 'We've got readings showing a breach, about three metres back from where you are, where that stanchion was. Was there an alternative path around that area?'

‘Not really.’ And little chance now of there being any. ‘What do I do?’ she asked.

A roar of noise made her instinctively turn back towards Sam. The world seemed to tip: more dust flew up and her light was knocked away, and the roaring seemed to go on and on and then, abruptly, it stopped. Pressure was everywhere except her head and her right arm; even the torso of the remote was trapped now.

‘Sam!’

No reply. The light was on, but would not direct to her thought commands; the right arm was working, so she made it turn the light to where Sam had lain.

The wall of rubble was solid. ‘Sam!’ A chunk of cement rolled out of the dust cloud and came to a stop in front of her. ‘Martin, can you still pick up my remote's location?’

‘You're still registering, Lise. Jesus!’

‘Have I moved? Have I gone through to another floor?’

‘No, you're much where you where before. - Jan! Thank God. - that idiot 40-plusser; he insisted on staying up on top for you. I thought he'd gone, that time.’

‘I've lost the kid.’ The sound of her own voice breaking gave her the key she needed to shut emotion down; she started to go through the routines.

‘Nil life at this site. The remote's too damaged for me to recover it for you. I'm closing it down; you can send the regular team in. Sorry I broke your remote, Martin. Signing off.’

She spoke the order that powered the remote down and used her right hand to tear the rigid left glove off. The whole suit instantly went flabby. She had braced for the sound of the real world hitting her like a pile driver, as usual, but now the control room noise was very subdued. She could hear Rik and Sophie nearby quietly talking through some point. The last image of the site persisted, the contacts still holding enough power to retain it. She wanted it gone.

Her friends cut their discussion off when she sat up and took the contacts out of her eyes. She was too fierce about it; her eyes watered at her roughness.

‘Damn.’ She had dropped the lens case earlier. She could not see where. Sophie came over, picked it off the floor and put it in her hand. Somehow she got the lenses in their compartments.

‘Come on.’ Sophie, getting her out of the chair; Sophie being gentle with her, which she knew she did not have to do with Lise. She tore the sealing strip apart on the front panel and helped her step out of the suit, and the cooler air got straight into Lise's damp T-shirt and trousers and made her shiver.

The comms in the room clicked into life. The rescue coordinator stood at the window in the control room, looking down on them.

‘Bad luck, Marat. C team, I'm ending your shift early; I'd like to get you in for a meeting tomorrow at ten to review this, see what we can learn from it. Marat, you up to that?’

‘I'll be there.’ Lise could not say any more; the woman's voice irritated her, because she could not decide if she was sympathising or patronising, and she did not care for either. She rolled the suit up, careful with it even though she was coming to hate it, for it was made to measure, valuable and rare, one of maybe two dozen in the whole of Brussels State. Rik and Sophie each had one, and the people in A and B teams; the rest were with the mil.

Damn. They'd landed A team with a longer shift. She hated to do that. But she did not want to stay here a second longer than necessary. She needed a drink.

Rik set a hand on her shoulder at the door and passed her kit bag. She crouched, and packed the suit and everything else into it, shut away out of sight. Rik's hand was back when she rose.

‘You did your best.’ He rarely made such gestures to her. Few people did: she did not have the looks or the personality to encourage it. But it was not the way he would have treated Sophie in the same situation, not a man-to-woman kind of sympathy but man-to-man. Damn stupid, that she should resent such treatment when she had fought so long to get it.

‘My best wasn't good enough though, was it?’

Rik's hand squeezed; come on, now. ‘You're the best of us. I couldn't have done any more,’ he assured her: ‘No,’ she said, and slipped out from under his hand. That was probably true, but it didn't help.



The team had a vehicle from the pool; a rare privilege in these days when fuel was so scarce that most travel was restricted to the public transit systems. Lise insisted on driving. In the back, Rik and Sophie talked quietly for a while, but inevitably conversation came round to the rescue. They argued the pros and cons of alternative tunnel types, of reducing cutting gear size and even building it into a light remote.

And stress sensors, and the thousand and one other things that they had thought vital and been working on before the war, Lise thought.

‘My solution's still the same as ever,’ she remarked: ‘get the bastards who started this in one place and give them first hand experience of their mil achievements.’

Rik's hand on her shoulder again. ‘Sorry Lise. You want to stay the night at our place?’

‘No. You two want to discuss this - and someone needs to have some coherent points for this meeting tomorrow. I don't want to talk about it. Not tonight. Thanks, Rik.’

She dropped them off at their flat, and sat in the car and waited until she saw their light go on. It went out again almost straight away.

Very different people; Rik serious, introverted, barely the right side of the notorious forty rating on the telepath scale; Sophie bubbly, sure of herself, and Clean, a zero on the telepath scale like sixty-four per cent of the Brussels population. Rate under forty, and you were considered little or no threat by the telephobic State authorities; over forty, and you were persona non grata. Most Clean folk didn't like having forty-plussers near, even though they could do nothing to touch a Clean mind; but it was those going up to forty who could get seriously neurotic about their fellow Rated. Could they read your thoughts? Could they plant ideas in your head, or make you do stuff you didn't mean to? You took classes to learn to shield your mind, like folks had once learned physical self defence. Rate a sixty plus and you were interned or dead, no questions asked; the State had legislated on it. Lise had lost friends, lost them in several ways; they fled, or got interned, or had nasty little accidents that no-one saw in side streets. They certainly didn't talk to her any more, for she was only rated seventeen, and in a Zero-run state that meant they were on opposite sides.

She envied Rik and Sophie their closeness. She thought she had it too, with Dan: she had been wrong. Another one that passed her over. She could not seem to crack that side of things in life. Her hard face, which she could not help, and her hard nature which she had cultivated because of it, they stood in the way. Men might respect hard women as colleagues and friends; they did not love them. Not for very long. Nearly a year now: God, she ought to be over that bastard by now, turning out traitor to everything she valued.

There was another vehicle nearby; the driver was watching her. She must look a damn fool, sitting here. She started the car up and drove home, eking out the precious fuel it took to get her there.

CHAPTER 2

LISE'S APARTMENT, BRUSSELS NEW CITY STATE

There was half a bottle of gin left, and some fruit juice in the fridge. She poured the lot into a jug and settled down on the sofa with a glass full of the mix and her music turned up loud. And despite everything she found herself turning over might-have-beens. A different route through the rubble, stopping the inflation of the tunnel sooner...

It didn't matter if there had been no way out. It didn't erase the fact that a little boy had been depending on her to save his life, and she had failed him.

Too restless to sit, she got up and paced the room, jug and glass in hand. Encouraged by the gin, she thought over a possibility she would not let herself consider when she was sober: that she would go mad through this work, and the war. The stress was beginning to tell. Already she'd become paranoid. Raid warnings had woken her every night last week, which was a lot for this part of the city. She loathed the deep shelters, poor protection that they were from the penetrating mines that one or other of the Rated states sent over from time to time, just to keep them all on their toes. She preferred to sit the raids out in her apartment, despite being terrified through to the all-clear. She had always sat under her table during them, like the little boy had. There seemed little purpose to that now, and much justification for her terror.

The broken nights left her exhausted, jittery, angry. And confused. She had come home from work three nights ago and been certain that things had been moved, that someone had been there. She had checked the security system, checked her computer to see if anything had been tampered with: nothing. Just this illogical, unshakable feeling. Nothing was missing; the small cache of hard currency she kept was all there, and her security applications showed no-one had viewed or copied the really valuable stuff, her work on the computer. Her secret work, that no-

one, not even Rik and Sophie, knew about. Dan she thought might have suspected; but when he'd left, and the calls from Van Eylen had started, she'd changed the security system from top to bottom.

She was at her console now, jug and glass finally out of her hand. The place she always ended up, when looking at reality was too ugly to bear. Take a problem, tackle it, code it, tag into the system and try it out. It gave her too much to do to think about the rest of life. Tonight she was going to design a stress analyser, have the system emulate a scenario and she would try it out. No suit; just tag her mind straight in. As part of her secret work she had begun to develop brain-direct touch sensing, which everyone said was impossible. It was still so rudimentary it would embarrass her to show anyone; and it was dangerous, because if the mil found out about it they would snap it up even though it was not ready. She was not going to be responsible for anyone's brains getting fried by those jokers.

But she could not stand to wear the suit any more today.



Maybe two hours of work got done. The jug was too near and too easy to pick up and pour without thinking about it; and the real world kept intruding. She kept getting a sense of the world tipping, the way it had in that last slip that had killed the little boy; and she kept touching her computer, as though the touch could reassure her that it had not been tampered with, a nagging obsession. As she wrote code she found herself rubbing her tag point, on the hairline at the back of her neck; hi-tech hardware that was as much part of her now as her skin, her bones, her mind. When she had the first surgery it had seemed like she was cutting free of normal physical confines, able to control a remote anywhere in the world. The second, secret surgery, the one that would do away with the need for a suit to know what the remote touched and felt, down to whether it was hot or cold, wet or dry - she had that done by two anarchist medic friends. They

didn't fully understand what they'd implanted but could be trusted to keep quiet about it, since they hated the mil even more than she did. She'd imagined full two-way access, linking the remote's sensors direct to her own sensory centres, would bring an even greater sense of freedom and control. Now she looked at her computer, obsessively modified and secured since the mil had started nosing so no-one could hijack the new links; and instead of freedom and control, she saw how vulnerable she'd made herself. She couldn't tag in when she had these doubts. The emulation trials would have to wait. She got everything shut down before she went back to the sofa - the world was surely spinning now, thanks to the gin - and fell onto it. She lay there, eyes shut, feeling the spin, realising finally at twenty-five why she had disliked funfair rides so much as a child...



When noise woke her, her first thought was raid warning. Her drink-fuddled body and mind got into synchronisation and the noise resolved itself into the vidphone. She scrabbled for the handset on the side table and rolled over to face it as the vidscreen rose up from the base. The audio crackled, but the image was blank.

'Hello?' The vidscreen might be broken. It was getting old. Yet the screen's pixels flickered, making the display shimmer.

'Good evening, Mademoiselle Marat. You don't know me, but you and I need to talk, very soon.' A man's voice; and no, she didn't recognise it. She didn't like this.

'What about?' she asked suspiciously.

'Telemachus,' he said. He meant the remote project. That was the mil's classified name for it. He used the name with confidence, and nobody even knew the name unless they were highly cleared. When she had finished with him, he would realise this was the wrong time to call.

‘God, not tonight, of all nights, you - whoever you are, you give Van Eylen a message for me: tell him he can go to Hell.’

As she was putting the handset down the image cut in. Because of the drink, because it was not logical, it took Lise a moment to recognise the face that appeared. She stopped herself before she cut the call off.

‘Sophie?’ Doubting her eyes, unable to believe Sophie would go over. She looked awful – really ill. Sophie's eyes darted off to one side as the handset was passed to her. She wasn't ill. She was scared.

‘Listen,’ she gasped, ‘please do as I say. They'll hurt Rik if you don't. You're to go to’ - a pause as she looked sideways for a prompt - ‘Benni's Café on Stefaniaplein, and meet a woman called Dale there. She'll know you, so just wait there. Please Lise-’

The handset was snatched away from Sophie and the image went. Lise leant back so she was out of image herself. God, what was that? Superb CGI construct, or Sophie herself? That fear looked genuine. How could they have got them? She'd left them safe at home. Surely neither of them could have got involved with the mil, and got out of their depth. It had to be a construct.

The first voice was back.

‘I believe you value your friends, so I recommend that you do as she says. You have the instructions clearly?’

‘I... I'm not sure.’ Stalling. Drag the call on: there would be an automatic trace she could pick up from her phone, surely the mil could not tamper with that. ‘Perhaps if you could repeat it?’

The man's voice went hard. ‘Let me refresh your memory.’

She flinched at the sound of Sophie's scream, her cry of ‘No, don't hurt him again!’

‘Well?’ the man’s voice asked.

‘Stop it! I... I have the address.’ A back down, which was something she never did, her insides feeling like they'd been through a blender. *Don't hurt him again*; my God, they really had them. What had they done to Rik to make Sophie scream like that?

‘Seven a.m. then. Bring your remote kit. And be on time.’

‘Sophie. I want to talk to Soph-’

The line went dead, cut off from the other end, and the vidscreen slid back into the base. Slowly she put the handset down and pressed for the record of the call. One minute, twenty-eight seconds had elapsed. That should have been enough time.

She tapped to get the call source. It told her there was no trace.



The cafe was one of those elegant ones, overlooking the busy Stefaniaplein with its exclusive shops. If you sat facing north you didn’t have to see the new city towering behind you; you could imagine the last forty years had never happened, and all of Brussels was still like the swish, sprawling street that lay ahead of you. Dale fitted the setting perfectly; a tall, attractive woman who dressed expensively. Lise had known the district and wore her smartest; a silky black trouser suit with a plain white shirt. She could see the two of them in the mirror on the cafe's far wall. Dale’s reflection looked like Dale, while Lise looked like a boy waiter. Sitting directly under the light, her short, white-blonde hair and her pale face flared out. The ghost of a boy waiter.

Dale was waiting for a couple nearby to finish their breakfast and move off. She sipped at her coffee; Lise clutched her cup with a fist, feeling she had already given in too easily by dressing to fit the surroundings. She should have worn something outrageous, got herself noticed. The mil had run this very quietly, everyone very obliging, doing what the mil wanted.

She had rung a neighbour of Rik and Sophie's and knew they had left the flat late last night with some people. They looked like police, the neighbour had said; and tellingly he asked, *has someone in the family died?* So they'd gone with the mil without causing a fuss, but went looking upset.

The images weren't constructs. They hadn't gone over and tried to trick her into joining them, not in a million years. Sophie had been scared, and Rik - Rik had been hurt.

That was why she sat here in smart clothes, drinking coffee with the enemy – in this case, a woman who was nervous and tried to cover it with impatience.

'Where are you from?' she asked Dale. Dale looked at her, set her cup down.

'From the Americas, originally.'

'York-Washington?'

'Chicago. It's not relevant.' She took up her cup again; she didn't like being questioned, but the couple next to her were half listening. With an effort she continued the line of conversation. 'I've spent the last fifteen years in and around Europe, different States. I've no loyalties one way or the other.' The couple next to her were taking up their bill and leaving.

'No morals, either,' Lise shot back when she had the chance. Dale looked perturbed, just for a moment. She composed her face and set her cup down carefully once more.

'Your research was very interesting. Did you know the State administration have been funding work on brain-direct remote sensing for the last eight months?'

'Tell me about it.' Bastards; they *had* been in her place, been in her computer, and knew exactly what she was working on. But how?

'They are not getting very far. Too busy keeping it secret to realise we are actually much further ahead.' She had taken a pen out of her handbag and was doodling on a napkin. Lise

ignored that and stared at the top of the woman's beautifully styled head. My, the mil were getting arrogant; even State administration was a foreign entity to them these days. She shivered at the implications of that.

‘Enlighten me. By ‘we’, do you mean me and my stolen work?’ she asked baldly. Dale looked up, sat back.

‘I mean us.’ She turned the napkin round to face Lise. On it was a chemical formula, the synapse firer Lise had been secretly working with, along with a rough mapping of the routes and dosage levels needed to control the sensation areas of the brain; also another diagram that she recognised as a bio-circuitry schematic, though she could not see its purpose. ‘You, and I, and my colleagues. I design and install bio hardware, mainly. Your work; my work,’ she said, pointing to the two diagrams on the napkin. ‘We've put them together; they work.’

Sure, you've done simulations, Lise was about to say, but that wasn't what Dale meant; she said it with too much certainty. She meant someone's brain had already been implanted with Dale's hardware and was now delivering the synapse firing chemical internally, assuming that was what Dale's bio-circuit did. My God; within a week of putting the two together they had it in someone's head...

‘Rik. You used Rik.’ Had to be. They'd used Rik and not Sophie, because Sophie was Clean and Rik was mark thirty-six and someone Rated enough could get into his head. They were both anti-mil enough to lie, and the mil must realise that; and Dale was so certain, a true telepath had to have been in Rik's head and seen it working. You couldn't build and conduct the relevant hardware tests for a new configuration in so short a time. To read Rik they must have someone seriously Rated working for them. She looked at Dale again.

‘I’m mark seventy-one. And you’re... mark eighteen or thereabouts. Don’t be alarmed,’ Dale assured her, ‘You’re a competent shielder, you just weren’t trying. And I’m less than a metre away from you; much further and I wouldn’t get a thing out of you, shielding or not. Enough of this; if you’ll finish your coffee, I’m to take you on elsewhere. No’ - she held a hand out to block Lise’s next question - ‘They’ll explain the rest later. No more questions now.’



They took the tram out north over the river and beyond the old city, out into the fields of automated power generators. They got off at one of many faceless (and due to the automation, now largely pointless) stations. Dale lead her to a car. There was a man waiting in the back of it; some kind of heavy, there to keep her in order while Dale drove. She sat next to him, her discomfort made worse when Dale opaqued the windows outside and between front and back, effectively shutting her in with him, but she quickly realised it was done so that she would not know the route they took. The man did and said nothing, and after a while Lise did not notice him. It was Dale she was aware of, invisible beyond the opaqued glass.

It was a sick feeling she had, the feeling of being caught out in a piece of bigotry you thought you were immune to and, worse still, now found yourself wondering if it was not justified. She was shielding her thoughts now, a technique she knew but very rarely practised, and that made her feel bad as well because Dale would sense the shield.

Dammit, what did that matter? What did it matter if she stopped shielding and gave it to her straight? She had reason to be angry and afraid; the bitch could have worked that out even if she had been Clean. Mark seventy-one and in the pay of the mil, those two-faced bastards. How could she work with them, against her own kind?

She had brains too, if that bio-hardware schematic was really hers. But pretty warped, to put it into Rik’s head when she had only just seen the synapse firing formula. She felt sick again,

at the thought of what that might do to his mind if they got their sums wrong. Sophie's scream; *don't hurt him again!*

Oh Sophie, Sophie, please God you don't really know what they are doing to him. I'm angry and I'm scared, scared for you and even more for me; right now I wish I had a way to kill this woman, but I don't think I'd get out of the car alive if I did. I'm sorry, Sophie; I'll try something, I promise, when the time is right.

She shut those thoughts off and shielded harder, scared to let Dale know that and mindful that she knew nothing of the man next to her. It seemed a long time before the car slowed and made a sharp turn to the right and down. The interior lights snapped off as the windows cleared, letting in the bright artificial lighting outside. It was a small underground warehouse of some kind with a couple of offices at one end. Two men were waiting, and opened the doors for herself and Dale. The one who opened Lise's door, medium height, stout and fortyish, offered her a hand out and smiled. 'Mademoiselle Marat,' he greeted her pleasantly. The voice of the man on the phone. Her hand went limp in his.



An hour later she sat in one of the little offices, a drink in her hand; her hand shook as she watched it. It was infinitely worse than she had feared. They started by discussing Lise's English heritage, her mother's background in what had once been Hampshire, now the City State of Hampton; they spoke of London, most powerful of the Rated City States arrayed against them. They spoke of politics, and of assassination; they wouldn't say who, or why. The implication was plain; and if she didn't agree to carry out the assassination her friends were dead and so was she. Never said of course, never stated straight out; but Rik and Sophie were clearly worthless to them. It might even be that the best she could buy them from these people was time.

Dale was in the room as well as the Man, and had been from the start. Lise had shielded at first, but this was not the Dale she had seen earlier. She seemed diminished, only adding to the conversation when the Man asked her something. He dominated her effortlessly, indeed he drew the attention with a strange magnetism that had nothing to do with looks or personality. He did not have a name, beyond Sir from Dale; he was mousey haired, running to fat, and would have been a little seedy-looking if his suit was not so expensively tailored; he said and did things that set Lise's teeth on edge. He had seemed too contemptible to hate at first. Now she was too demoralised to do so.

Now the hate was inward. She despised herself. Such an utter rout of her ego; the only thing holding her steady was fear for Rik and Sophie. So she stayed alert, and tried to judge the twists and turns he was taking that made her feel like this.

‘So. Why me? Why put yourself to the bother of a second kidnap when you already have my friends?’

‘As I recall you came without force, my dear. But it was necessary; we thought it likely that you would spot our intrusion into your system. Once you knew your friends had gone missing even the slightest suspicion would become a matter to investigate, and sooner or later you would know that experts had tampered. I doubt however that the police know what to look for without you, even if they have the brains to get into your system.’

He stretched in his chair, undid a button on his jacket and shifted again until he was comfortable.

‘We can't use Rik. Sadly, he is flawed. That was our original plan, but some cell regeneration is required and that can't be rushed, while we need our assassin in London within seventy-two hours. And we can't use Sophie. She's not suitable.’

‘How so?’

‘Sophie is Clean.’

She stopped herself from smiling, knowing it would resolve into a sneer. ‘Can't risk the pure stock, eh?’

‘It's not that. We are not Zero Unionists. Sophie is incapable of handling the job - through no fault of her own. Dale, would you fetch the remote?’

As Dale left the room, he continued: ‘Based on new research findings, we have developed a new remote. No one outside this building knows of its existence; it's a radically new design, but every part in it is standard remote hardware, and comes from a different country, so its provenance is untraceable. The work with an obvious signature, yours and Dales, will be in you; and because the remote will carry out the assassination, there is nothing to tie it back to you.’

‘But control of it - the frequencies - the Factor has to be within 50 metres of it, or you need a booster transmitter. Won't their security-’

‘They won't find anything until it's too late. We have people over there, technicians, who have set up sleeping transmitters around the key sites. Since they are inactive, security sweeps won't find them. When we know the precise time and place, they will be activated to transmit for the necessary period. Ah, here we are.’

Dale was back, carrying a small remote barely two feet tall. As she laid it down on the table Lise leant forward, then started back.

The remote had a tail.

‘How the Zero Unionists loved to claim a zero rating proved their advanced evolution,’ the Man was saying. ‘They were wrong, of course, but not entirely.’ He picked it up and put it

into Lise's hands; it bore a sharp resemblance to a monkey. 'A zero rated person cannot not control all the functions of this remote with their mind. You can. Dale?'

'Researchers trying to trace the differences found that non-zero rated can often use a sector of the brain which, in zero rated, is always inactive. It relates to nerve and muscle control in the sacro-iliac region - the base of your spine. You have been prone to a strange type of lower back pain just recently?'

'Yes,' Lise said; Dale nodded, as though she already knew.

'It is purely in the mind. The use of the synapse firer you have been experimenting with seems to promote activity in this part of the brain. At least, it does in the telepathic. Atrophy seems to have gone too far in the zero rated.'

The Man laughed. 'Ah Dale, bless your telepath's interpretation! She says atrophy; the Zero Unionists call it advanced evolution. You are monkeys, go back to the trees, racists used to say, and what are the Zero Unionists but twenty-first century racists? They would love this little gadget for proving them right if they knew about it.' He was amused, in no way resentful, playing with the kind of dangerously emotive arguments that had served to start the war in the first place - this man, who calmly discussed assassination like an extremist, but was clearly not on either side. What the hell were his motives?

'So the bio-circuit Dale showed me is both remote link and power source, delivering the synapse firer where it needs to go to kick-start the tail. It's prehensile,' she surmised.

'Yes. And that is vital. We anticipate a roof entry, and climbing; and you will need all your limbs plus this one free to steady and target your weapon.' He took the remote from her, showed Lise the storage at chest level. It held a small gun and dart-like cartridges.

‘Empty at present, but they will contain a lethal injection. Death will be virtually instantaneous. We will put a tranquiliser in some as well, in case you need to slow anyone down on your way. No need to cover London with dead bodies.’

So professional about it, that was the scary part.

‘Sophie can't do it because she's Clean. And Rik can't because he's flawed – flawed how?’ she asked, dreading that she already knew the answer.

‘Rik could have done it. He can't now. We used your research on levels of the firer to set the internal power source, and implanted it in Monsieur Van Hooren. Unfortunately, as you heard in the phone call earlier, it seems that it is not based on a simple ratio of telepath rating to firer concentration level. The damage is not permanent, I assure you.’

‘God!’ Her last hope gone, that they hadn't put it in Rik's head. They really didn't care. And her work; they had scrambled Rik's brain with her work.

‘You got a bathroom?’ she asked. He indicated a door off the room. ‘Got to use it,’ she said, made the dash and kicked the door shut in time to be sick in private.

When she came out she still felt lousy, yet clear headed in that a lot had fallen into place in that five minutes in the bathroom. She sat down. The remote lay in front of her on the table.

‘What are you people?’ she asked him.

‘You don't need to know,’ he replied with a slow shake of his head. His expression warned her off; don't ask awkward questions, don't irritate me that way. The result will not be answers, only trouble.

She pushed the remote across the desk, slowly, deliberately, until it was in front of him.

‘I have a condition,’ she told him, meeting his eyes.

‘Do you consider you are in a position to make conditions?’

‘Yes.’ She was coldly confident of that fact. ‘Yes, because I’m valuable to you; and my condition serves you, because it stops you making the mistake you did with Rik. You want to put your circuitry in my head. All right. But it goes in when I say so, when you’ve convinced me that it’s ready and usable and safe. I’ll practise factoring with this - this monkey - in the meantime, but suit first, then tagged in for the synapse firer testing. I want a complete explanation of your circuit before it goes in. You don’t want to blow a second subject, do you? Not with your seventy-two hour deadline.’

She had him there. He almost lost his cool. A bitter little victory, maybe, but one worth savouring.

CHAPTER 3

WAREHOUSE LABS, LOCATION UNKNOWN

It was fourteen of the Man's precious seventy-two hours before they were done with the tagged-in testing. She tried the remote out with her resistance suit for a few hours in the morning. A beautiful piece of equipment, very agile and disturbingly familiar to her, though dealing with the scale of it took a while to master and the tail threw you, the way it totally changed the balance of the thing. She had judged it wrong several times, once when jumping from floor to table so it had taken a tumble and even instinctive reaction had not saved it from a heavy landing, but it took no harm. They also supplied her with another of their hardware prototypes; contact lenses that could switch from total transparency to the remote display instantly on her verbal signal. They gave no more night vision than a human had, for they had left infra-red enhancement out of it; but given the biocircuit was going to make it redundant soon, for a prototype it was near perfection. Whatever these people were after, it could not be money; they must have spent more than she had earned in her lifetime developing all this.

Then over a sandwich she and Dale discussed the biocircuit, plodding doggedly through the areas that were outside her field until she felt she understood them and Dale looked ready to scream at her density. No regrets there, and no shielding; she was not going to take a put-down when hardware was not her field. Her own software skills were solid and she was confident of them and their importance to these people. It was other things she was not so confident about, like where moral rectitude lay in this tangled mess she had fallen into. Rik and Sophie, Rik and Sophie, always on her mind; and what the hell she might be setting against their safety. She had no idea what the consequences of this assassination would be for Brussels, if she succeeded. Was she damning them as she tried to save them? God alone knew that.

They spent an hour setting up the preliminary synapse firer settings on the computer and, most important, the recorder for her synaptic output so they could run simulations with the circuit while it was still safely outside her head. The final settings would depend on that.

For the next three hours though, it looked as though it might all be a waste of time. It took her that long to even get a sense of the tail being part of her. It was barely a tingle when it came: but Dale called out as the analyser registered the difference. Lise spoke the signal to clear the lenses and joined her at the computer as Dale ran the recording back through the analyser, searching for the moment of the anomaly. Lise had popped the tag by then, no link even if Dale should get keyboard-happy in her excitement.

‘There,’ Lise declared as the analyser isolated it. Dale split the screen to show graphic, synapse input and output, the levels and tracks of the impulses step by step through the nerve bundles. ‘That’s it. Everything we need, now we’ve loosened it, to kick-start the little bastard.’

Dale edged her out and started entering instructions to enhance the relevant areas. Lise let her, watching Dale's fingers move much faster than hers would, since Dale knew the system. Then Lise noticed the remote, keeled over on its side, and realised with a pang of concern that she had not shut it down properly before she untagged. Not affection for it; not that. More an awareness of how much depended on it, starting with Rik and Sophie’s lives.

Dale was absorbed in coding; Lise quietly tagged back in, got a strange set of reactions as it dumped a messed-up buffer of data on her, and made it sit down properly; she even got its tail out from under it with one arm and curled it neatly to one side before shutting it down. She surprised herself, that she could be so gentle with it when she was so angry.

After working with it half the day she knew now why the remote felt so familiar to her. It had an unusual arrangement of pressure sensors, not following the standard guidelines -

concentrations in those areas her team had discovered to be critical in their testing years, when war was imminent, something they deliberately never documented to spite the mil. That, and half a dozen other things in the design, insignificant in themselves; but to her they made it as clear as a signature. Dan had worked on this remote.

The Man had come to check on their progress and was watching Dale work. Lise turned to him. She knew she should not say what she was about to, but the anger in her now was too great, it would transfer to violence if she did not find a release.

The Man looked askance at her as she tugged the tag free again, risking damage.

‘Checking she’s not going to scramble my brains like Rik’s, then? How reassuring. But I see you value Dan Goedgeaard more. I can’t blame you: he works on your remote, then hands you the rest of his group on a plate as guinea pigs. Shame he’s a Zero, or you could have saved yourselves the trouble of kidnapping us, and had him do the assassination for you. Clearly his personality is even better suited to your kind of work than I had thought,’ she told him acidly. He stared at her, and she stared at him. Go on, threaten me again, she thought; I’ll break your jaw, and damn the consequences.

‘Daniel had an accident,’ the Man said, not lowering the stare. ‘He is dead. –Dale seems to have finished programming; let us continue.’

She stared in dumb shock at his back as he returned to his seat. Once he was settled and found her standing there still, irritation crossed his face.

‘You will continue,’ he said forcefully.

No accident, her mind told her. Mechanically Lise tagged back in. Dale gave her orders and she carried them out, testing the functions, simply going through the steps. Now they had found the right synapse firer levels to sense and control the tail, progress was fast. Movement up

and down, side to side, curling the tail into a grip. Dale gave it a pencil; Lise set the tail around it, held it, reached the tail out to Dale to return it when ordered.

The pencil shattered as Dale reached for it. She glared at Lise. Lise wanted to say; 'It wasn't deliberate,' but found she could not say anything.

'Dale, are you hurt?'' asked the Man.

'No,' she told him, watching Lise: 'No harm done,' and quietly picked up the shards of the pencil and threw them in the bin.

Hours more were spent on simulation, all the standard tests plus some spur of the moment ones that occurred to Lise. She had regained her spirit, fear being a powerful fuel for anger, but channelled it all into the work. She expected Dale to be obstructive, because it was nit-picking she was doing now even in her own view; but Dale went along with it, more tolerant now than at lunchtime. Perhaps sympathy; or perhaps knowing that Dan's example would make her malleable enough on the important things. She kept getting little waves of anger, others of bewildering sorrow; she was not prone to crying, but she found herself on the verge at times. It was exhausting, disorientating, to experience this on top of the remote experimentation.

By ten or eleven that night it was clear that they had it as right as they could prove by sim. They pressured her; she agreed to the surgery next morning. Strangely, she found her reaction to that decision was calmer than when the black market implants had gone in for her original motor and aural links. Maybe because she had more idea of what to expect now; maybe because she was so damn tired she did not care anymore. The tiredness made her irritable, and she channelled it into a demand to see Sophie and Rik. To her surprise, they said yes.

CHAPTER 4

WAREHOUSE CONFINEMENT BLOCK

She followed one of their men to a goods lift that took them down, not up, to a floor that looked for all the world like a hotel corridor. The only difference was that all the doors were security strength. No-one else seemed to be about; she wondered if any of the other rooms were occupied, and by whom.

The man stopped at a door, unlocked and opened it. The hotel look was in there as well. Seeing Rik lying on one of the two double beds and Sophie rising from her seat beside him, Lise took a couple of steps in, enough to let the man shut and lock the door behind her.

Sophie was taller than her, but she flew into Lise's arms like a child. The face she showed to Lise when she unburied it from her shoulder wore the signs of no sleep and the effort to hold back tears.

'They haven't done anything to you?' Sophie asked anxiously, searching Lise's face; her glance strayed to Lise's neck. Damn it, she knew; she knew what they had done to Rik.

'They've not touched me,' she assured Sophie, not wanting to say any more, and not wanting to look at Rik even though Sophie nodded his way.

'They—' she started, but her face set, a fight to keep from crying. Lise hugged her.

'I know. I've put a stop to that.' She saw Rik was awake; Sophie pulled her further into the room and over to him. He was trying to sit up, but was too weak. He persisted.

'Don't trust them. Whatever they promise, don't trust them,' he warned her.

'Stop that.' It unnerved her, to see the shakes in him; it reminded her of her experimental days. She knew the effects of even a tiny overdose of synapse firer; like being beaten inside and

out with a red hot poker, and these shakes for a day after. Her notes told them clear enough, for God's sake; why hadn't they read them through and realised?

She sat on the bed, patted him back down. Close to, there was a bruised look about his eyes, worse than Sophie's. He set a hand on her arm with a real effort. She squeezed his shoulder, hard; there was little strength when he returned it.

'What have they told you?' he asked insistently.

'Enough. I know what they're after. It cuts both ways though, if I'm the only person that can factor for them now.' He frowned; what kind of frown was that? Pain frown, or worry - or distrust of her?

'Think it through. Could you be playing into their hands?'

Clever, Rik. No accusations, but the question's got me covered whether I'm doing it for you or I'm doing it for me. Mind not that mused, then. Plus you have a point; if I let them put it in my head, am I sure they can't override me, be in charge of my mind?

'I don't know how much choice I've got, Rik.'

He frowned sadly at that answer and shook his head at her, and loosed his grip.

Sophie hovered, a nervous, tense Sophie she'd never seen before, unable to take the silence between them. She went and sat the other side of Rik and gestured across to a coffee table laden with food.

'Have you eaten?' she asked Lise. 'They brought us some food a little while ago.'

'I'll try it,' Lise conceded. She wanted to explain to Rik that it wasn't her fault, they had misused her work on him; and she hadn't meant to hide it from them but...

You could not argue with the look Rik had given her. It said go away, loud and clear. Nothing else she could do.

Sophie was exhausted. She held out a bit longer, but once Lise made her lie down she put up no fight and was asleep in minutes. Lise put the lights out and lay down next to her, wishing she could do the same, but the synapse firer had left that strange, jabby discomfort in her back and the rest of her body felt little better. But the rest was normal nerves, and fear, the messed-up gut feeling anyone would get from all this. She wasn't going to bring the food back up, but it was going to make a quick trip through her system, she could tell that.

'Sophie,' Rik said, soft enough to be heard but not to wake. Sophie was too far gone.

'Lise, is Sophie asleep?'

'Yes. You want something? I can get it for you.'

'I want to talk to you, but I didn't want Sophie to hear.' With no windows, it was pitch dark in the room; she groped for a light, turned it on, checked Sophie. It had not woken her.

Rik was up on one elbow. God knows how.

'You're trusting them not to hurt us if you do what they say, aren't you? You shouldn't.'

Make me a liar, Rik. Nothing else I can do...

'That's painting it too black. What's happened to you, it's not permanent: didn't they tell you that? I overdosed myself a few times during my trials, got much the same effect. You've got to get the excess chemical out of your body, that's all, a bit like sobering up. Trust me, Rik, I know what I'm doing. They're ruthless, but methodical; it wouldn't benefit them. You could still be of value to them: it was you they were going to use, but they got the implant wrong.'

'They told you that?'

'Yes. Rik, you know different?' But another attack of the shakes was coming on; she made him lie back, took his hands, let him ride it out. It was a long struggle back for him. 'Rik,' she insisted as soon as he looked able to answer. The bruised eyes turned on her again.

‘I don't think they ever had plans but to use you. They weren't being that careful about it when they implanted in me - well, the boss man wasn't. That woman - Dale, is her name? - she looked unhappy about doing it, and Sophie reckons she knew what would happen, because she didn't act as though it was a bad shock when I spasmed. Lise, they were talking about the possibility of remotely activating it themselves; and they didn't mind overdosing me when they pressured you on the phone, did they? Not very philanthropic.’ He set a hand on her arm again, gripped with as much force as he could muster.

‘Lise, you let them put that in your head and they have enormous power over you. What Dale could get in and out of your head by telepathy alone - that's nothing compared. You give them control over you by pain, if they have remote access to it.’

‘Rik, they've got control by pain already, if I know they'll hurt you or Sophie. That'd hurt me more: you know I'm a tough little bitch.’

‘But if we were gone, they'd have nothing over you,’ he pointed out and lay back.

What did that mean? Suicide? God Rik, don't drop that on me. I've got two people in the world I'd call friends, and I can't take that kind of burden to get me out of this.

‘I'm doing it, because something's going to come up. There's got to be a way out, hear me? Now, make yourself useful. I didn't see anything in there that looked like an external link controller when Dale explained it to me, but I want a second opinion. What do you think such a controller would look like?’

He laboured through a description while she racked her brain and sketched and showed him what she remembered until they were as sure as they could be there was no controller. Yet she was only three quarters of her mind on the matter, while the other quarter felt desperate and mad with him. She really needed to talk about Dan being dead and her muddled feelings but she

daren't risk offloading that on him, not when he was talking suicide. Instead she turned off the light and let him sleep.

She never got beyond that drifting, half-awake point into proper sleep, but it was enough to make the hours pass a little quicker. It seemed impossible that it was morning when the vidphone hummed softly, down at its lowest setting. She found the handset in the dark, hoped the glow of the display would not wake the other two up.

It was Dale. 'Please shower but don't get dressed. Someone will come for you in ten minutes,' she said and ended the call.

Lise did so. When the door was unlocked she opened it naked, expecting Dale; one of the heavies stood there, a gown in his hand. He simply passed it in, no comments, no looks; she pushed the door to and slipped it on, doing enough of the ties for modesty. A look back before she left, but it was too dark to see the other two properly. God, let this be the right thing to do.

They gave her the pre-med in the rigged-up operating theatre and she lay there going slowly dopey while they did some final head scans. The tag point showed up sharp and white at the base of her skull, the filaments that grew out from it into the cerebrum and cerebellum, winding their way like mycorrhizae into the heart of the motor and sensory areas. Fine chains, no more than a cell thick in places. Then the sensitivity of the scan was adjusted to show the new connections that had grown in the last few months through her research, false-coloured green by the scanner. Among these were the routes to be followed when they added the sensor biochip and grew the more responsive artificial filaments. The green strands bloomed across the monitor, penetrating into, God, every part of her head! She had thought the touch and tail centres would be more compact. Maybe the synapse firer stimulated more areas than she realised. She had turned herself into Superwoman - or a total monster. She thought of Mary Shelley, of the

twentieth century's twisting of Nietzsche, and felt an instant of utter self-loathing at what she had done, and what she intended to let them do; an instant where she hoped she would die on the operating table.

Self-preservation drove the dark thoughts away. They were nearly ready now; Dale was there, scrubbed up and ghostly in white, and the Man, looking strangely like a butcher in his white coat, even with the mask on. Dale brought up a trolley with the microsurgery equipment on it. The biochip lay there under its protective film, sterile, pristine, twinkling in the lights like a star. A third person, a slight, anonymous man, settled behind her head; the anaesthetist, who was needed to track the flow of blood and filament growth in her brain.

‘Are we ready?’

Dale's question was aimed more at her colleagues, but Lise took the chance to respond.

‘A moment.’ She sat up slowly to be sure she knew her limits under the pre-med, took a few breaths. Then reached out and took the biochip and crushed the tiny thing between finger and thumb. It was gone, a mixture of grittiness and pulp inside the film cover, even before Dale could cry out.

Lise lay back, shut her eyes, did not even smile at the curses the Man gave.

‘Now you can put in the one we agreed on.’

‘Get the other chip,’ the Man ordered Dale, and to the anaesthetist: ‘Put the little bitch out.’ She felt his touch, kept her eyes tight shut as she passed the point of no return, and wondered if there would ever be anything more.



...Hearing was the first sense back; she lay there, listening to the pipping of the monitor and other small noises that eventually became recognisable as someone's movements. Someone spoke to her: ‘It went fine. The link's secure.’ She faded away again...

...Her mind felt sluggish, fuzzed by the tail end of the anaesthetic and the unfamiliar routing of nerve impulses as her brain adjusted to the changes. Someone was calling her name.

‘Lise, I want you to try the remote link out. Come on, Lise.’

Oh damn, she would much rather sleep. She forced her eyes open and saw Dale standing over her.

‘Good. How are you feeling?’

‘Not all here. My eyes ache.’

‘The lenses have probably dried out a little because you are dehydrated. I’ll get you a drink in a moment. The remote’s on the table by the window; I want you to bring it over here.’

Lise closed her eyes and activated the link. She saw herself lying in bed, Dale standing beside her. The remote was close to the edge of the table; she closed a hand on the edge, wrapped the tail around the top of the nearest leg and slid off the edge. The floor was just out of reach; she dropped the rest of the way on the tail hold and felt her toes - the toes of the remote - brush the floor before she let go. Then she had it cross the shiny floor and vault straight onto the bed, knowing where to put it so it would not land on her own legs. She sat it down, found it was looking at her; she turned it through ninety degrees to face Dale.

‘Excellent,’ murmured Dale. Lise shut the remote down without asking, dizzy from the action. She disliked seeing herself through a remote’s eyes at the best of times; to see herself in a hospital bed was even less pleasant.

‘Everything looks good, Lise. I’m going to leave you to rest now, but it seems likely that you will be travelling by this evening. There will be more opportunity to rest then. I’ll talk to you later.’

It seemed Dale had forgotten about the water. She swept up the remote as she went. What's this, Lise thought at the stab of emotion that gave her, jealousy? So it's my remote now, is it? She had not felt that way since the early days on Rik's team, when Sophie joined and Rik had set her training on their only remote that, up till then, Lise had used exclusively.

It was not much of a rest she got. Dale and her people were back a few hours later. With them they brought her black suit, beautifully cleaned and pressed, which was all too rare a service these days when the wearing of non-utilitarian clothes was frowned upon. A wadge of well-used London State banknotes was rolled up in the inside pocket, and there was some small change in another. They also gave her instructions for making the contact during the first few hours in London; they were brief enough to memorise. Finally, when she was dressed and ready, they brought her transport.

'I'm going as freight?' she asked incredulously, seeing the crate they wheeled in. Surely they weren't serious.

'We've made it as comfortable as possible. See.' Dale lifted the lid, which was well padded. Inside was padded too, with an angled seat to make the most of the diagonal space. She would actually sit quite low in the crate. Strapped to the base, near where her feet would go, was a crowbar and a box for food. Higher up there was a ledge where the remote in its kitbag would be strapped in. 'You won't be in there for long,' Dale assured her, 'only from off the coast to a warehouse in Greenland docks. You'll get yourself out of the crate there, let yourself out of the warehouse with this key' - she presented it to Lise - 'and go to the dockside to meet the boat that will take you to your first contact point.'

'You're talking hours in there! And what am I supposed to do about the call of nature?'

'Go beforehand,' Dale said calmly, and replaced the lid.

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