



Plant & Agricultural National Intelligence Unit

mu M

Welcome to the combined 18th & 19th quarterly report covering the period January - June 2013.

ZURICH

AVIVA

RSA

On looking through my diary for the period I spent a third of my time representing PANIU at industry meetings, speaking at rural crime conferences including farmers groups, delivering free training to police officers and "selling" the benefits of PANIU and the CESAR scheme to major companies in the construction business such as Tubelines and Crossrail.

A strategic meeting at JCB World Headquarters Rocester discussing the latest Thatcham 3 & 5 star rated security systems they are introducing to their product range and finally as a team we arranged a training/awareness day with Nationwide Platforms to get a better understanding on this area of our business.

There has been much reporting in the media about certain areas of theft, particularly tractors. Headlines like "Criminal gangs cash in as 200 tractors "disappear in two months" and tractor security not deterring thieves".

You know what they say, "Don't believe everything you read in the papers". Later in this report you will be able to analyse the tractor theft figures for yourself, but to help you realise how far off the mark this reporting is, for the period in which they allege (December 2012 & January 2013) 200 tractors had been stolen we actually lost 88, which includes the February and March 2013 thefts as well.

The suggestion that tractor security does not deter thieves is also inaccurate and widely off the mark. In 2009 PANIU recorded 511 tractor thefts. In 2012 that figure had fallen to 217. A reduction of a staggering 58%. All the evidence would suggest that it is the older pre CESAR marked tractors that are being targeted by our organised criminal networks. Along with those not fitted with immobiliser technology.

I know I'm now beginning to sound like the record that has got stuck but if we assume PANIU data is accurate 88 thefts divided by the number of police force areas in the UK (counting Scotland as 1) equals 2 tractor thefts per area in 3 months. How do we police that?

When it comes to the reporting of news, "good news" is "bad news" as they say. Depending of course on whose story you want to believe!

The overriding message to you all has to be, "Keep up the good work". It is your hard work and effort that is making a difference to reducing plant & agricultural theft across the country.

Thank You

Barry Mudie barry.mudie@met.police.uk



Changes within PANIU

In January 2013 the Stolen Vehicle Unit management allocated an extra DC to the team, without there being any additional cost burden to our donors.

Welcome Antonia Holt a DC with 17¹/₂ years in the job with much experience of working on pan London projects and investigations. Most recently having been on the Olympic command "Operation Podium".

Both James Elliott and Zain Sibilant have now qualified as substantive detective constables, so congratulations to them both. In the last few weeks Zain has been transferred from PANIU into the pro active team of the Stolen Vehicle Unit. This means our staffing level has been returned to published levels.

For the record that is, two detective constables, James Elliott and Toni Holt. Ben Hewing our researcher and Barry Mudie as Liaison Manager.

Also a reminder that if you ring the PANIU telephone number 02072307290 and you get no reply, your call will automatically be diverted to the Datatag 24/7 call centre, where checks on the database can be undertaken. They will also pass on messages if required.



Caterpillar Training Days

PANIU working in partnership with Caterpillar have arranged two training days at their UK headquarters Desford Leicester.

Each day is limited to 50 people. Although the exact timetable is yet to be finalised the day will include presentations from PANIU on current crime trends, statistics etc. CESAR will present on the success of their industry marking scheme. Caterpillar will cover unique methods of marking and identification which is a "must" for vehicle examiners and RPU officers. A tour of the factory will be included so that officers can see first hand where the factory numbers are located and applied. There are available, so book immediately to avoid disappointment.

There are still spaces available, so book immediately to avoid disappointment. 9th & 10th October 2013

Email Debbie.mills@met.police.uk to secure your place.

18-19th Quarterly Report

Sussex Police Recoveries

nmu

Two pictures sent to us by PC Tomlinson Sussex Police of three stolen items of plant recovered in a warehouse in Rye on the 25th March 2013.

The Cat Shovel Loader was stolen on the 23rd March. The Terex Dumper was stolen between the 8-11th February both from West Yorkshire and the Manitou Telehandler was stolen from Essex on the 7th March. The warehouse was being used for short term storage. The final destination is unknown but almost certainly out of the UK.



This clearly highlights the professional organised element of plant and agricultural machinery theft with the offences in West Yorkshire and Essex. Then transported to Rye, Sussex on the south coast for short term storage.

AVIVA

ZURICH



PANIU Recoveries

As a result of an Enigma tracking activation, PANIU assisted in the recovery of the Terex Tandem

Roller and the Kubota tractor shown across.

Both machines, as can be seen were found hidden inside light commercial vehicles, both of which, using police "speak" had no current keeper. Since these recoveries we have also recovered other machines hidden in this way. The vans have been left unattended in residential areas.





Cheshire Rural Crime Gang Smashed

07 Jan 2013

Eight men who carried out hundreds of crimes to the value of £1.7million have been brought to justice after a police operation to tackle rural crime stopped them in their tracks.

Police in Knutsford originally launched an operation to tackle plant machinery theft two years ago when a spate of thefts of plant machinery swept the rural parts of eastern Cheshire.

As time went on the net widened and the operation mushroomed with the investigation spreading across to the Greater Manchester area. Officers from Cheshire and Greater Manchester Police joined forces to close in on the suspects.

PC Mike Dawber who instigated the operation said:

As time went on the operation progressed, with more and more evidence pointing in the direction of the same group of people. It became clear this was an organised crime gang who were stealing farming machinery and Land Rovers across the rural area.

PC Mike Dawber, Cheshire Constabulary

As a result of the investigation led by DI Nigel Groom eight men were charged with 100 offences related to theft of machinery and conspiracy to steal and handling stolen goods.

Giorgo Arcaini was dealt with by Greater Manchester Police and sentenced to 38 months in prison.

Arcaini pleaded guilty to two counts of theft and one of fraud, and asked for 13 other theft and fraud offences to be taken into account.

Arcaini had been renting plant machinery and selling them on eBay, but was caught when the owner of a leasing company became suspicious and called police.

Mark Anstee, 41, formerly from Wigan pleaded guilty to 10 offences of theft and asked for asked for a further 82 to be taken into consideration which amounted to £1million while Michael Owens, 36, from Wythenshawe admitted eight theft offences amounting to £280,000.

They were finally arrested by Greater Manchester Police when they were caught in the act at a premises in Woodford. They were then handed over to Cheshire Police for investigation.

Hae stronger together Plant & Agricultural National Intelligence Unit

Home Office

eeee PA nstruction Plant hirers Associa

18-19th Quarterly Report

On 31 July 2012, Anstee was sentenced to four years and four months. Owens was sentenced to three years.

At this point in the investigation, others were beginning to come into the picture with them using stolen vans with false number plates to steal mini diggers.

 Paul James Wilson, 28, from Hall Lane, Manchester was charged in July with two counts of theft and one of handling stolen goods. He has since been sentence to six months in prison.

• Bradley Leese, 32, from Burbage Road, Wythenshawe was charged in July of three counts of theft and two of attempted theft was sentenced to 9 months in prison.

• Darren David Taylor, 39, from Shawbury Road in Wythenshawe was charged with theft and attempted theft in July and was sentenced to six months in prison.

 Nicholas Justin Thornton,41, from Westend Ingham, Lincoln was charged with two counts of theft and handling stolen goods. He was sentenced to six months in prison suspended for 18 months and ordered to carry out 200 hours unpaid work.

 Ben Sant, 23, of Austell Road, Woodhouse Park in Manchester was charged in October with handling stolen goods and is still going through the court process.

DI Nigel Groom said:

As a result of this prolonged and complicated investigation a number of men have been put behind bars for playing their part in a crime costing hundreds of thousands of pounds to the businesses affected.

We are pleased to see that as a result of the hard work and dedication put in by our officers and those in Greater Manchester, we have brought their criminality to an end and they are now facing the consequences of their actions.

- DI Nigel Groom, Cheshire Constabulary



Facts & Figures Jan-Mar 2013



DVLA

	JAN-MAR 2013	
RANK	MANUFACTURER	TOT
1	JCB	87 🖣
2	JOHN DEERE	53 🔺
3	KUBOTA	40 🔻
4	BOMAG	35 🔻
5	TAKEUCHI	32 🖣
6	BENFORD/TEREX	32 🔺
7	THWAITES	20 🔻
8	MASSEY FERGUSON	17 🔺
9	ATLAS COPCO	15 🔺
10	BOBCAT	14 🔺
	OTHERS	339
	TOTAL	684

JAN-MAR 2013

MINI EXCAVATORS

TOT

128

88 🔺

59 🔺

45 🔺

35 🔻

23 🔺

56 \mathbf{v}

32

28 •

21 •

169

684

RANK PLANT TYPE

TRACTORS

DUMPERS

ROLLERS

GENERATORS

TELEHANDLERS

ATTACHMENTS

EXCAVATOR

OTHERS

TOTAL

COMPRESSOR

RIDE ON MOWERS

2

3

4

5

6

8

9

10

nmu

тот		RANK	JAN-MAR 2013 POLICE FORCE	тот		RANK	RE
87	٦.	1	MET POLICE	50		1	SO
53 🔺		2	KENT	49 🗖	•	2	YC
40 🔻	·	3	HAMPSHIRE	40		3	SO
35 🔻	•	4	BTP	32		4	ΕA
32		5	SOUTH YORKSHIRE	28		5	NC
32 🔺		6	WEST YORKSHIRE	27		6	MI
20 🔻	•	7	THAMES VALLEY	26		7	SC
17 🔺		8	GREATER MANCHESTER	25		8	BT
15 🔺		9	SURREY	22		9	WA
14 🔺		10	ESSEX	21			
339			OTHERS	364			UN
684			TOTAL	684			то
	1		JAN-MAR 2013				120

TOT

88

48

20

77

233

тот

33

32 📢 31 🔺

29 🔺 23 🔺 23 🔺

22 🔺 22 🔺

22 🔻 20 🔺

272

529

тот

64

32

10

54

160

APR-JUN 2013

RANK QUAD MAKES

HONDA

3

YAMAHA

KAWASAK

OTHERS

TOTAL

RANK QUAD MAKES

1

HONDA

YAMAHA

KAWASAKI

OTHERS

TOTAL

RANK	JAN-MAR 2013 REGIONAL CLUSTER	тот
1	SOUTH EAST	199 🖣
2	YORKSHIRE & NE	120 🖣
3	SOUTH WEST	97 🔻
4	EAST MIDS & ANGLIA	79 🔺
5	NORTH WEST	54 💌
6	MIDLANDS	46 🔻
7	SCOTLAND & NI	39 🔺
8	BTP & MOD	32 🔻
9	WALES	15 🔺
	UNKNOWN/ OTHER	3
	TOTAL	684

QBE

AVIVA

ZURICH

RSA



Facts & Figures Apr-Jun 2013

APR-JUN 2013

MINI EXCAVATORS

RIDE ON MOWERS

TRACTORS

DUMPERS

ROLLERS **TELEHANDLERS**

OTHERS

TOTAL

8

10

GENERATORS

COMPRESSOR

BACKHOF FX

ATTACHMENTS

RANK PLANT TYPE

RANK	APR-JUN 2013 MANUFACTURER	тот		RANK	APR-JUN 2013 POLICE FORCE
1	JCB	62	•	1	MET POLICE
2	JOHN DEERE	46		2	KENT
3	KUBOTA	34		3	WEST YORKSHIRE
4	CASE NEW HOLLAND	31		4	SURREY
5	THWAITES	29		5	CLEVELAND
6	BOMAG	27	•	6	THAMES VALLEY
7	BENFORD/ TEREX	25		7	HERTFORDSHIRE
8	TAKEUCHI	20	•	8	ESSEX
9	MASSEY FERGUSON	15	•	9	BTP
10	HITACHI	14		10	STRATHCLYDE
	OTHERS	226			OTHERS
	TOTAL	529			TOTAL

тот

93

85

56

57 🔺

39 🔺

34 🔻

33 🔻

18 🔺

15 🔺

13 🔻

86

529

•

RANK	REGIONAL CLUSTER	тот
1	SOUTH EAST	169
2	YORKSHIRE & NE	102
3	EAST MIDS & ANGLIA	58
4	SCOTLAND & NI	46
5	MIDLANDS	45
6	SOUTH WEST	33
7	NORTH WEST	29
8	BTP & MOD	22
9	WALES	20
	UNKNOWN/ OTHER	5
	TOTAL	529

APR-JUN 2013



Stats Update

This report contains two quarters of data. The immediate observation to make is that we continue to see a fall. With the last guarter showing a drop of 155 units overall which is a fall of 22.66%. Whether we will be able to sustain such positive reductions remains to be seen but undoubtedly these figures are due in no small part to the unstinting efforts of all those involved in the fight against organised criminal networks who target construction and agricultural machinery.

- 130,000++ CESAR marked machines in the UK
- 1039 CESAR marked items reported as stolen
- This is less than 1% of all CESAR marked kit
- 291 CESAR marked stolen items have been recovered
- This is 28.0% of all CESAR stolen items
- Recovery of all stolen construction & agricultural machinery has increased from around 5% to 8%. This increase is entirely due to the CESAR recoveries.
- PANIU has recovered £10.5m of stolen equipment
- PANIU has been directly involved in or assisted in the recovery of 25% of all machines recovered.

The statistics are unable to show other significant facts which are seen when we capture the theft data. Most thefts are of older machines. It would be foolish of us to suggest that new machinery is not targeted, because from time to time it is. However since some of the major manufacturers have started fitting immobiliser technology and unique keys, we are recording virtually no thefts. Certainly not like the comparable levels of 2009 & 2010.

JCB remain the number one most stolen by manufacturer but virtually all these thefts are of pre 2009 products. In the next quarter there will be a feature on JCB security but to give you a flavour of their success in reducing theft, since the launch of their "Live Link" system some 16,000 machines have been fitted. Only 40 of these have been stolen and at least 30 of these have been recovered.

John Deere remain at number 2 but again it is generally older tractors being targeted and their ATV range of products which push their theft position up.

When you look at theft by police force area there is very little to separate first from 10th. The Met are again first with 33 recorded thefts and in at 10th Strathclyde with 20. These sort of figures make policing the problem very difficult, especially when spread over such large geographical areas.

Unit
Intelligence
National
gricultural
& A
lant

18-19th Quarterly Report



Enigma Telematics Sponsor PANIU

mu M

PANIU are pleased to report that Enigma Telematics are our latest industry partner. They have donated technical equipment for PANIU's use including the full support infrastructure that goes with their product.



Speaking of the sponsorship, Ian Keam-George, CEO of Enigma Telematics said, "Many businesses don't realise the threat posed by equipment theft until it is too late, so we are really pleased to work with PANIU to try and help companies to increase their resilience to this type of crime".

AVIVA

ZURICH

Barry Mudie of PANIU said, "This is another example of Partnership working at its very best. We are very grateful to Enigma for their most generous support to PANIU in the continuing fight against organised vehicle crime ".

WARNING! WARNING! WARNING!

Plant Hire Companies Beware

A number of cases have recently been brought to the attention of PANIU concerning plant hire scams. We are unable to disclose specifics at this time due to ongoing investigations. However if your plant hire business wants to protect itself from becoming the next victim ensure your standard operating procedures for hiring out plant are robust and up to date.

Photo identification is an obvious starter for ten, but is only any good if presented to you by the person in the photo!!!!! Do not accept anything sent electronically via fax or email. It is the easiest thing in the world to obtain a stolen or fake driving licence or passport, which can then be used by the criminals to exploit your business.



PASSPORT

CONSTRUCTION EQUIPMENT SECURITY PATHFINDERS RECOGNISED **BY THE INDUSTRY**

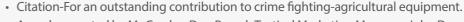
The Construction Equipment Association (CEA), the organisation behind Plantworx and the only official equipment security scheme CESAR, organised a 'Police Aware Workshop' on the final day (May 16th) of the inaugural Plantworx exhibition.

The seminar, attended by over 100 serving police officers, was designed to raise awareness of the growing problem of equipment theft and to make police officers aware of the many benefits of the CESAR scheme. CESAR is fitted by most leading manufacturers and over 75% of new construction equipment in the UK is now delivered with CESAR.

The team behind CESAR took the opportunity to make a number of presentations, at the close of the seminar, to people and organisations that have made a significant contribution to equipment security in the past few years and who have worked to make CESAR such a success.

The following awards were made:

Crime fighting agricultural equipment



- Award presented to PC Chris Wesley, Lincolnshire Police.

Crime fighting-construction equipment

- Award presented to PC Paul Ennis, West Midlands Police.

Policing to combat construction and agricultural equipment theft

- agricultural equipment theft.
- Award presented by Mr Colin Wood Chief Executive CPA.
- Award presented to Thames Valley Police.

Best practice to combat construction equipment theft

- Ireland Sales Director.

Best practice to combat agricultural equipment theft

- Marketing Manager.

Special recognition award

- industry.
- Award presented to Mr Mike Revell, Group Plant Director Clancy Plant Hire and Chairman of Combined Industries Theft Solutions (CITS).





18-19th Quarterly Report

Award presented by Mr Gordon Day, Branch Tactical Marketing Manager, John Deere Limited.

• Citation-For an outstanding contribution to crime fighting-construction equipment. • Award presented by Mr Dan Thompstone UK & Ireland Sales Director, JCB Sales Limited.

· Citation-For an outstanding commitment to proactive policing to combat construction and

· Citation-For leadership in promoting best practice to combat construction equipment theft. Award presented by Mr Nick Ground President CEA and Mr Keith Dolbear CEA Council Award presented to JC Bamford Excavators Limited, accepted by Mr Dan Thompstone UK &

• Citation-For leadership in promoting best practice to combat agricultural equipment theft. Award presented to John Deere Limited, accepted by Mr Gordon Day, Branch Tactical

Citation-For a consistent commitment to promoting security best practice in the construction



mmu Mu

AITS/DATATAG BTEC LEVEL 3 COURSE IN STOLEN PLANT

The BTEC Level 3 award, launched in October 2012, covers the identification of stolen plant and machinery. This extremely popular course was held for the fifth time in June 2013 with delegates from The Metropolitan Police and Hampshire and Cheshire constabularies. This comprehensive two day course equips police officers with the knowledge to tackle opportunistic and professional equipment theft.

Delegates are taught to examine and identify suspect vehicles and to use a simple 'rational selection' technique to spot potential stolen machines.

ZURICH

AVIVA

QBE

RSA

The official equipment security scheme CESAR has been a huge advance for the UK police giving them irrefutable proof of a machine's identity and as a consequence details of its rightful owner.

CESAR has become the most successful scheme of its type anywhere in the world with over 120,000 pieces of equipment now protected by CESAR. All of these machines have their details safely locked away on a secure database accessible by the police and other official agencies.

Over 70 police officers have now attended the BTEC course and Met police officer Antonia Holt comments, "The course was extremely useful to me as it has refreshed my knowledge and given me a new insight into what to look out for and how to use the CESAR 'fingerprint' to identify a machine's identity".



CESAR-IT DAYS HAILED A SUCCESS BY THE POLICE

Datatag Technician Tim Hollamby and his team are conducting a crusade against equipment theft in conjunction with Thames Valley, Dorset and Hampshire Police.

All three police forces support and promote CESAR-IT days for local farmers which see Tim fit the official CESAR security system to their tractors, telescopic handlers, quad-bikes and other types of equipment. With a spate of rural crime and equipment theft both police forces put their faith in CESAR to act as a powerful deterrent against theft and an invaluable aid in recovery.

Such is the success of the programme that Thames Valley Police has launched an initiative to subsidise the cost of CESAR to encourage more farmers to adopt the scheme and protect their equipment. Under this scheme CESAR is available for just £88 (excluding VAT). This Thames Valley Police subsidised price is available to people living in Oxfordshire, Buckinghamshire and Berkshire. For full details contact Datatag directly on 01932 796 788 or look out for local CESAR-IT days in your area.

The value of agricultural and construction machinery equipment is extremely high, even compared to prestige cars, and therefore they attract organised and opportunistic thieves who steal machines to order and ship them abroad within hours of being taken. The cost of theft, borne by the insurance industry, is passed back onto the customer in higher excess charges and insurance premiums. Such is the deterrent effect of CESAR that insurance discounts of up to 25% are given to CESAR protected machinery.



To read the full articles go to: http://www.cesarscheme.org/News.html

AMAZONE WIDEN CESAR PROTECTION

SALTEX 2013, the highlight of the groundcare events calendar, will see AMAZONE, the specialist for fertiliser spreaders, seed drills, powered and non-powered soil cultivation, precision air seeders and crop protection sprayers roll out CESAR security and registration across its range of groundcare machinery.

Amazone designs and builds a comprehensive range of groundcare machinery and whatever the time of year they have a machine for every application from snow clearing in the winter, cut and collect in the grass season to scarifying and leaf collection in the autumn.

Amazone adopted CESAR in May and exhibited their first CESAR equipped machine, a Pantera 4001 selfpropelled crop protection sprayer, at the 2 day CEREALS exhibition held near Lincoln in June.

Commenting on the announcement Amazone's UK Brand Manager Simon Brown had this to say, "CESAR has proven to be a powerful deterrent against theft and a valuable aid in recovery. Our Groundcare products are used in urban and remote locations and they are therefore susceptible to opportunistic thieves. Fitting CESAR is a sensible precaution and a benefit to our customers who cannot afford the financial loss and the disruption caused by equipment theft."

CESAR works by giving each piece of equipment a unique and permanent 'fingerprint' using an array of high technology security marking devices, supplied by Datatag, including tamper evident triangular registrations plates, Radio-frequency identification (RFID) transponders, forensic liquid DNA, and microscopic Datadots®.

GAP SPECIFY CESAR FOR TEREX ORDER

GAP Group, the UK's largest independent plant and tool hirer, has specified the fitment of CESAR security and registration on an order for an additional 170 site dumpers from Terex.

GAP Group operates a nationwide network in excess of 60 depots from Inverness to St Austell and Norwich to Swansea. The new Terex site dumpers, ranging in size from 1.0t to 9.0t will be delivered from early October onwards and will conform to the new Stage 111B legislation. Deliveries will be spread across the depot network at a time when building work and the demand for site equipment is finally on the increase after the severe recession in the industry.

lain Anderson, GAP's Joint Managing Director, comments, "Sadly equipment theft is a fact of life that impacts on our customers and us. A stolen machine causes site disruption that our customers can do without and so we do everything we can to minimise the risk. Fitting CESAR is a sensible precaution and a proven way to minimise the risk of theft."

CESAR, which acts as a powerful deterrent against theft and an invaluable aid in recovery, works by giving each piece of equipment a unique and permanent 'fingerprint' using a mix of state of the art security marking technology, supplied by Datatag, that includes tamper evident triangular registrations plates, Radio-frequency identification (RFID) transponders, forensic liquid DNA and microscopic Datadots®. The new GAP dumpers will join over 125,000 other pieces of equipment protected by CESAR, the world's most successful security and registration scheme.

To read the full articles go to: http://www.cesarscheme.org/News.html

18-19th Quarterly Report





Home Office sociation of Chiel Pot **C**A <u>CEA</u> AEA X Aproduced to great A activity Art That A ac hatcham Quality Assured Plant & Agricultural National Intelligence Unit

ти м



ZURICH AVIVA

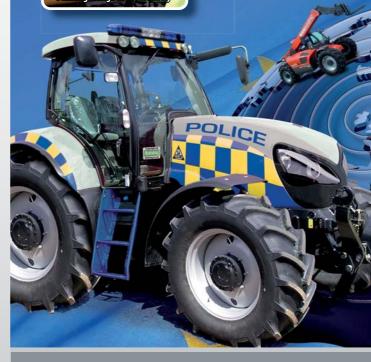
QBE RSA^O



STOP PLANT THEFT

Did you know...

- The Plant and Agricultural National Intelligence Unit is a specialist Police Unit whose remit is to assist Police and other law enforcement agencies with the identification of stolen plant or agricultural machinery. • We offer support and advice to help you identify any type of plant or agricultural machine.
- We maintain the most accurate police database of all stolen machines throughout the UK.
- manufacturers loss data. in your area.
- - We provide specialist police examiners for pre planned operations.
- We provide training and advice to officers around identification and
- investigative techniques





You can contact PANIU during office hours by ringing 0207 230 7290 Out of these hours the PANIU stolen equipment database can be accessed by Police by ringing CESAR on **08 450 700 440** 24 hours a day! PANIU is staffed by Police Officers there to help You!

18-19th Quarterly Report

If you have any information on the theft of machinery or require advice, then contact: **Plant & Agricultural National Intelligence Unit**

We record all national theft data and have access to the PNC and the majority of plant insurers and

We offer advice, intelligence and statistical information regarding organised criminal networks working

- Uve can provide suitable 'sting' vehicles including tractors and excavators at nil cost.



CE5



Plant Theft - The Real Truth

PANIU is a specialist police unit dedicated to reducing plant theft in association with:



All images, information, statistics and data is the property and the copyright of the Plant & Agricultural National Intelligence Unit (PANIU) and must not be reprinted, reproduced or used without the written permission of PANIU.