

A-port
1 of 2

Glow Discharge
Paddle
[J. Irby](#)

Bolometer
Conduits
[M. Reinke](#)

Poloidal Magnetic
Field Probes Conduit
[T. Golfinopoulos](#)

Reticon Array Fiber
[J. Terry](#)

Fast Scanning Probe
[B. Labombard](#)

AXUV and Lyman-
Alpha Diodes
[M. Reinke](#)

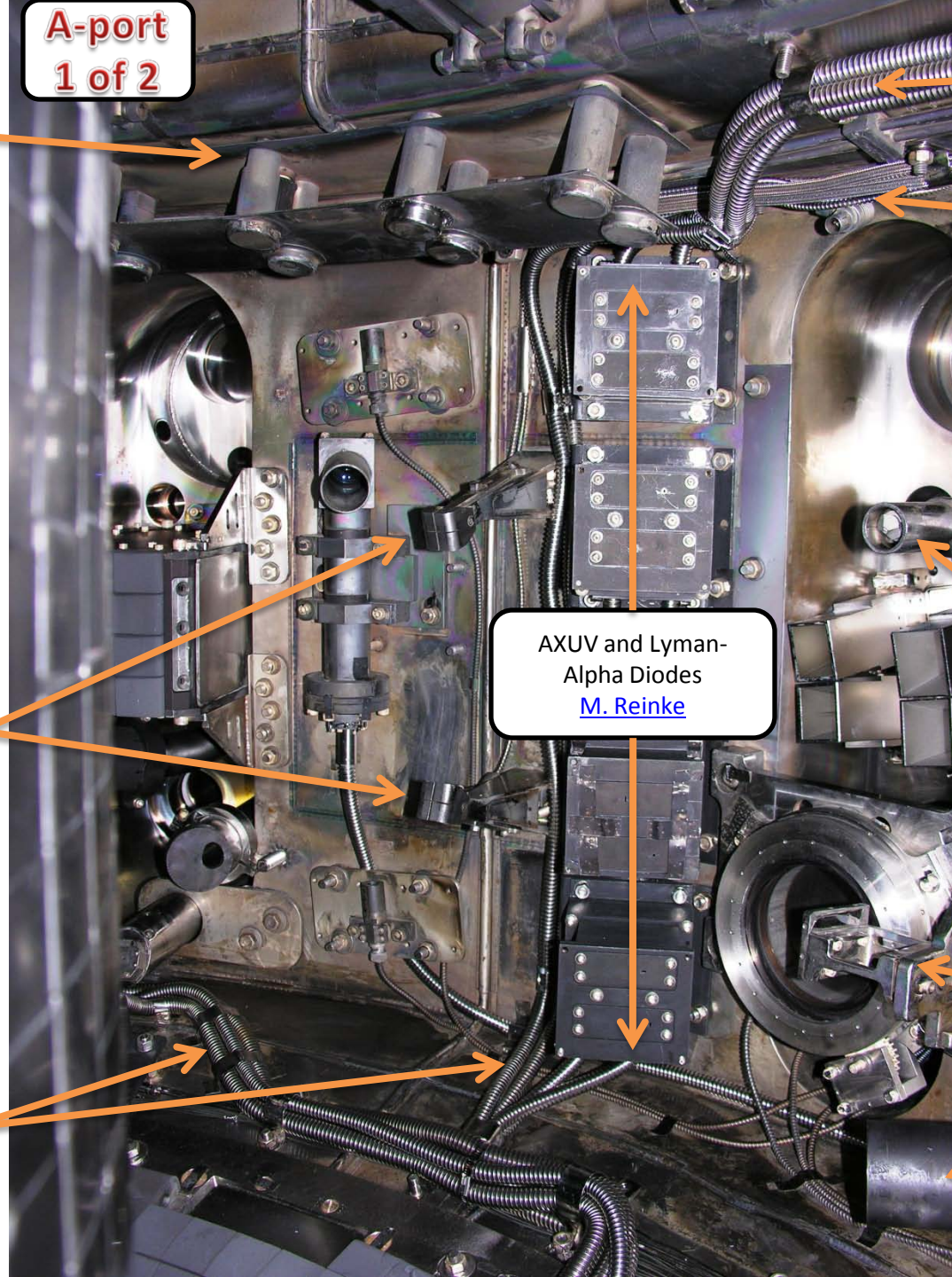
Reflectometer
[A. Dominguez](#)

Poloidal Magnetic
Field Probes
[T. Golfinopoulos](#)

J-Port Antenna
Wide 1 View
[J. Terry](#)

Bolometer
Conduits
[M. Reinke](#)

X-point Thomson
Scattering System
[J. Terry](#)



**A-port
2 of 2**

Wall Bolometer
Conduits
[M. Reinke](#)

Poloidal Magnetic
Field Probes Conduit
[T. Golfopoulos](#)

A-Port Scanning probe
[B. Labombard](#)

Reflectometer
[A. Dominguez](#)

Viewing Dumps
Passivated Non
Reflective Surface

X-Point
Divertor View
[J. Terry](#)

Ledge Bolometer
Conduits
[M. Reinke](#)

X-Point Divertor
View Conduit
[J. Terry](#)

Gas Puff Imaging
Telescopes Conduit
[J. Terry](#)

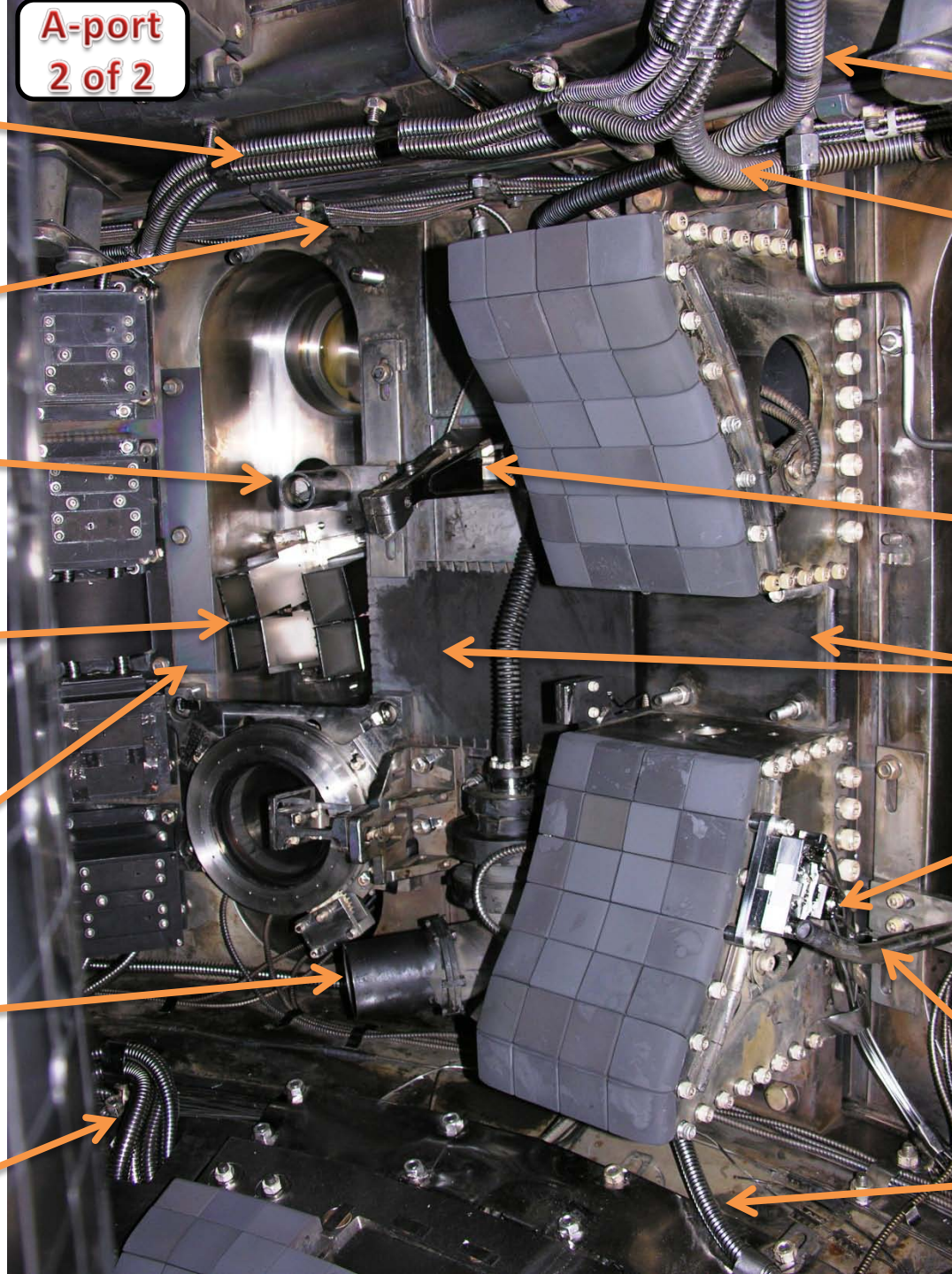
Poloidal magnetic
field probes
[T. Golfopoulos](#)

Viewing Dumps
Passivated Non
Reflective Surface

Ion Sensitive Probe
[R. Ochoukov](#)

Disruption Mitigation
[R. Granetz](#)

Inner Wall Telescope
Conduit
[J. Terry](#)



A-port
3 of 3

Reticon Array Fiber
[J. Terry](#)

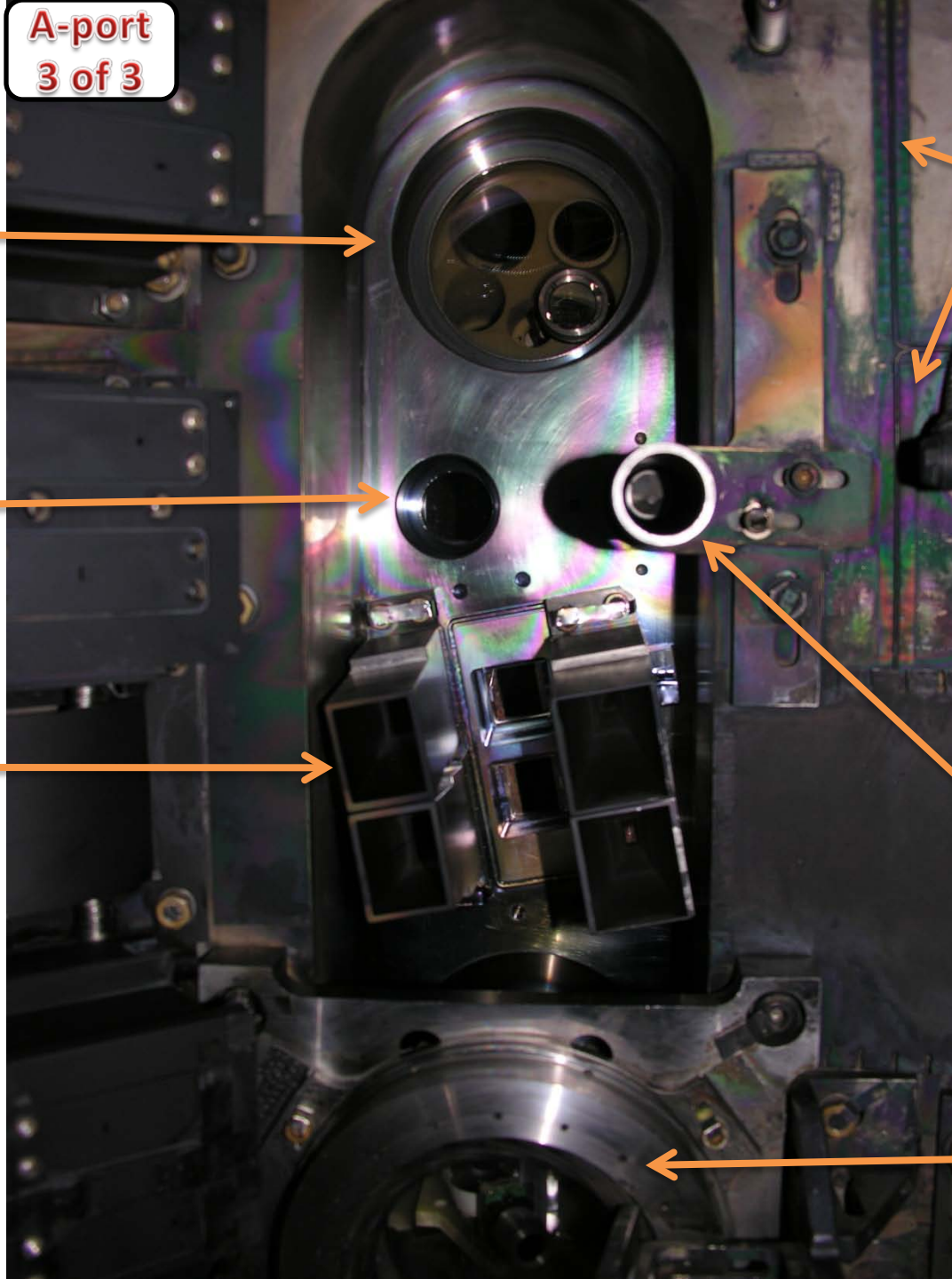
? Fiber Bundle
[B. Lipschultz](#)

Reflectometer
[A. Dominguez](#)

Flux Loop
[B. Granetz](#)

A-Port Scanning probe
[B. Labombard](#)

A-Port Iris Shutter
[J. Terry](#)



**B-port
1 of 3**

Poloidal magnetic field probes
[T. Golfopoulos](#)

Viewing Dumps
Passivated Non Reflective Surface

X-Point
Divertor View
[J. Terry](#)

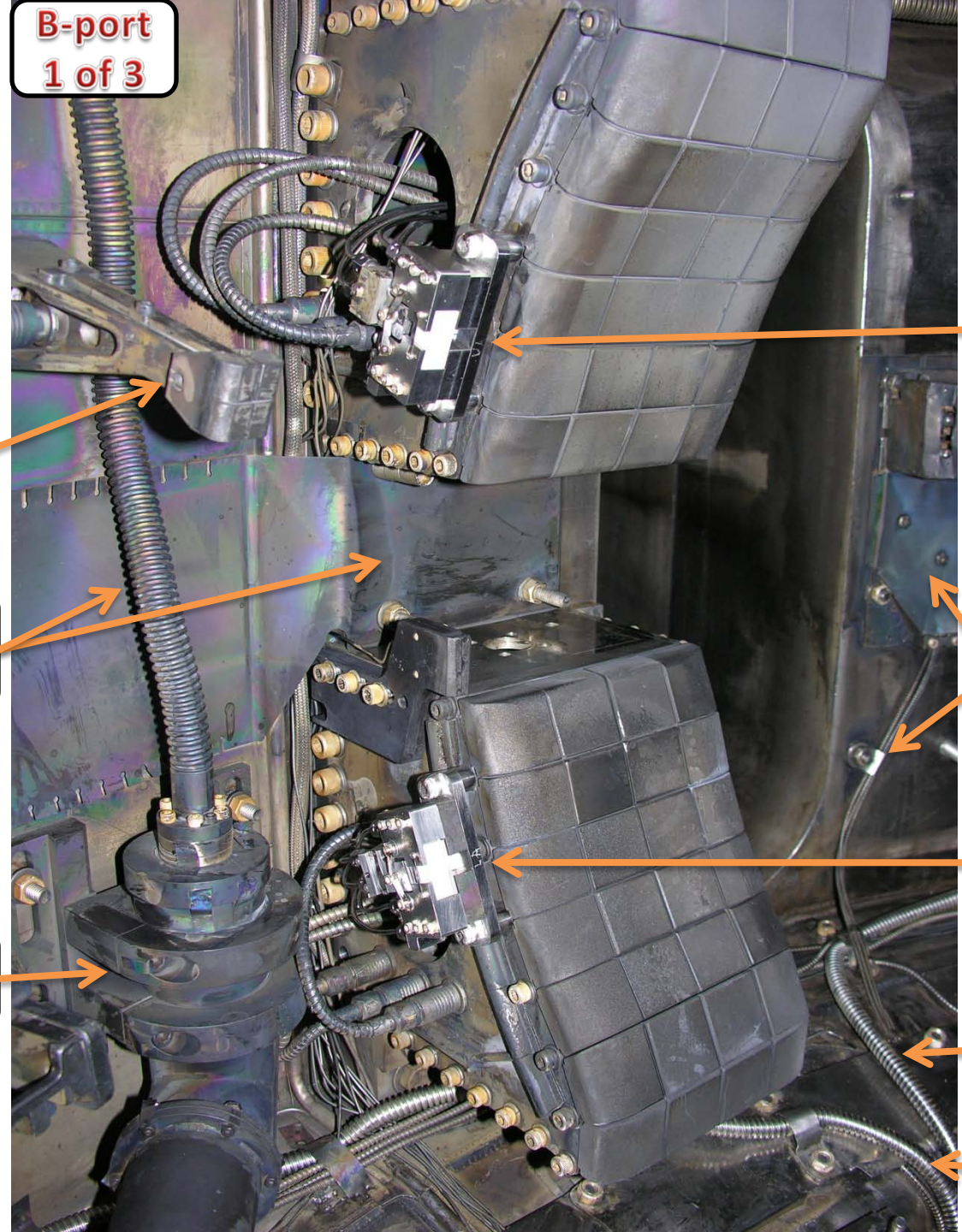
Ion Sensitive Probe
[R. Ochoukov](#)

Impurity Spectroscopy
And Conduits
[B. Lipschultz](#)

Ion Sensitive Probe
[R. Ochoukov](#)

Gas Puff Imaging
Telescope Conduit
[J. Terry](#)

Inner Wall Telescope
Conduit
[J. Terry](#)



B-port
2 of 3

X-Point
Divertor View
[J. Terry](#)

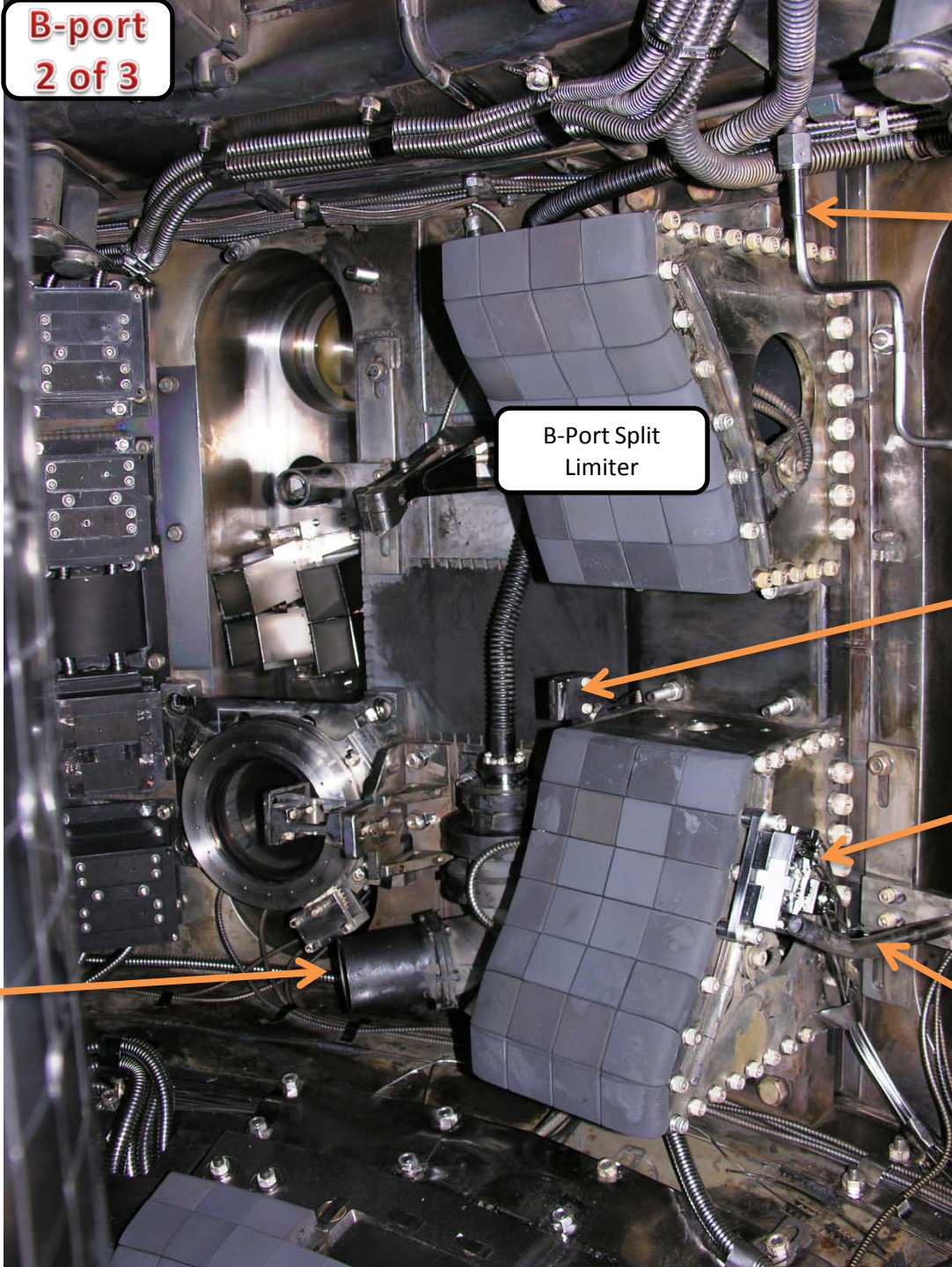
B-Port Split
Limiter

Diborane Gas Feed

GPI Gas Puff
[J. Terry](#)

Ion Sensitive Probe
[R. Ochoukov](#)

Disruption Mitigation
[R. Granetz](#)



Gas Puff Imaging
Telescopes
[J. Terry](#)

Poloidal magnetic
field probes
[T. Golfopoulos](#)

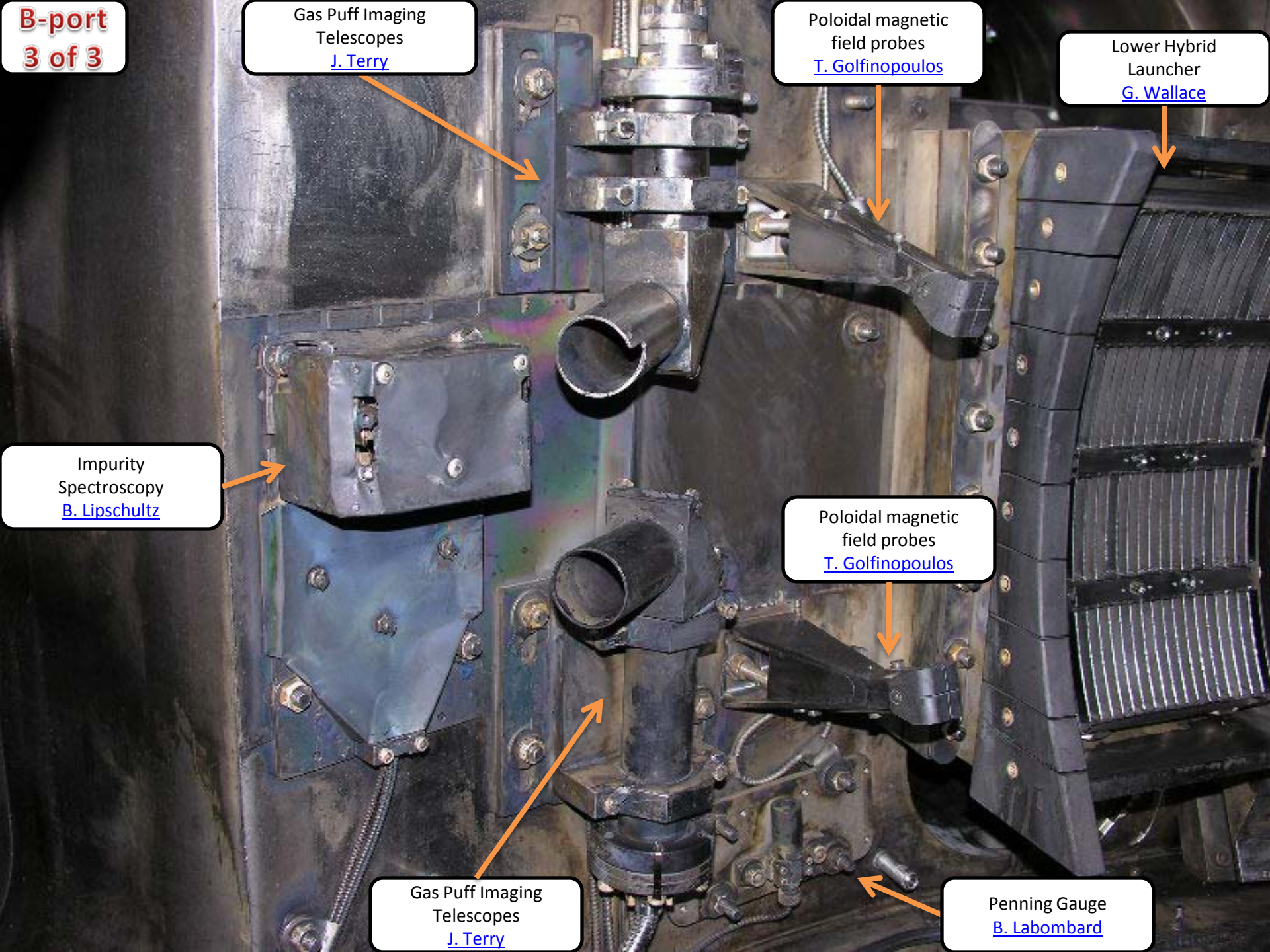
Lower Hybrid
Launcher
[G. Wallace](#)

Impurity
Spectroscopy
[B. Lipschultz](#)

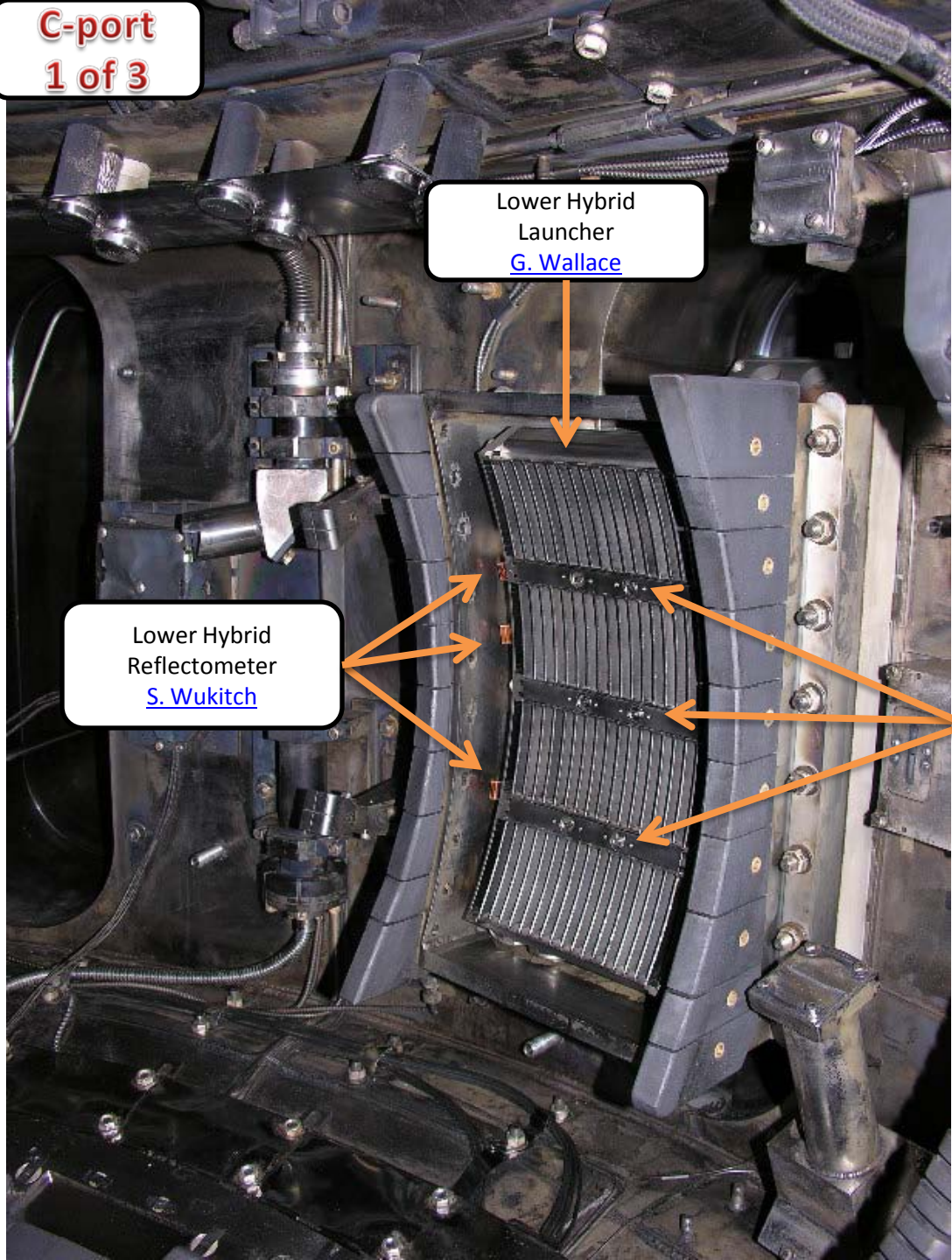
Poloidal magnetic
field probes
[T. Golfopoulos](#)

Gas Puff Imaging
Telescopes
[J. Terry](#)

Penning Gauge
[B. Labombard](#)



C-port
1 of 3



Lower Hybrid
Launcher
[G. Wallace](#)

Lower Hybrid
Reflectometer
[S. Wukitch](#)

Lower Hybrid
Langmuir probes
[B. Labombard](#)

C-port
2 of 3

Gas Puff Imaging
Telescopes
[J. Terry](#)

Poloidal magnetic field
probes
[T. Golfinopoulos](#)

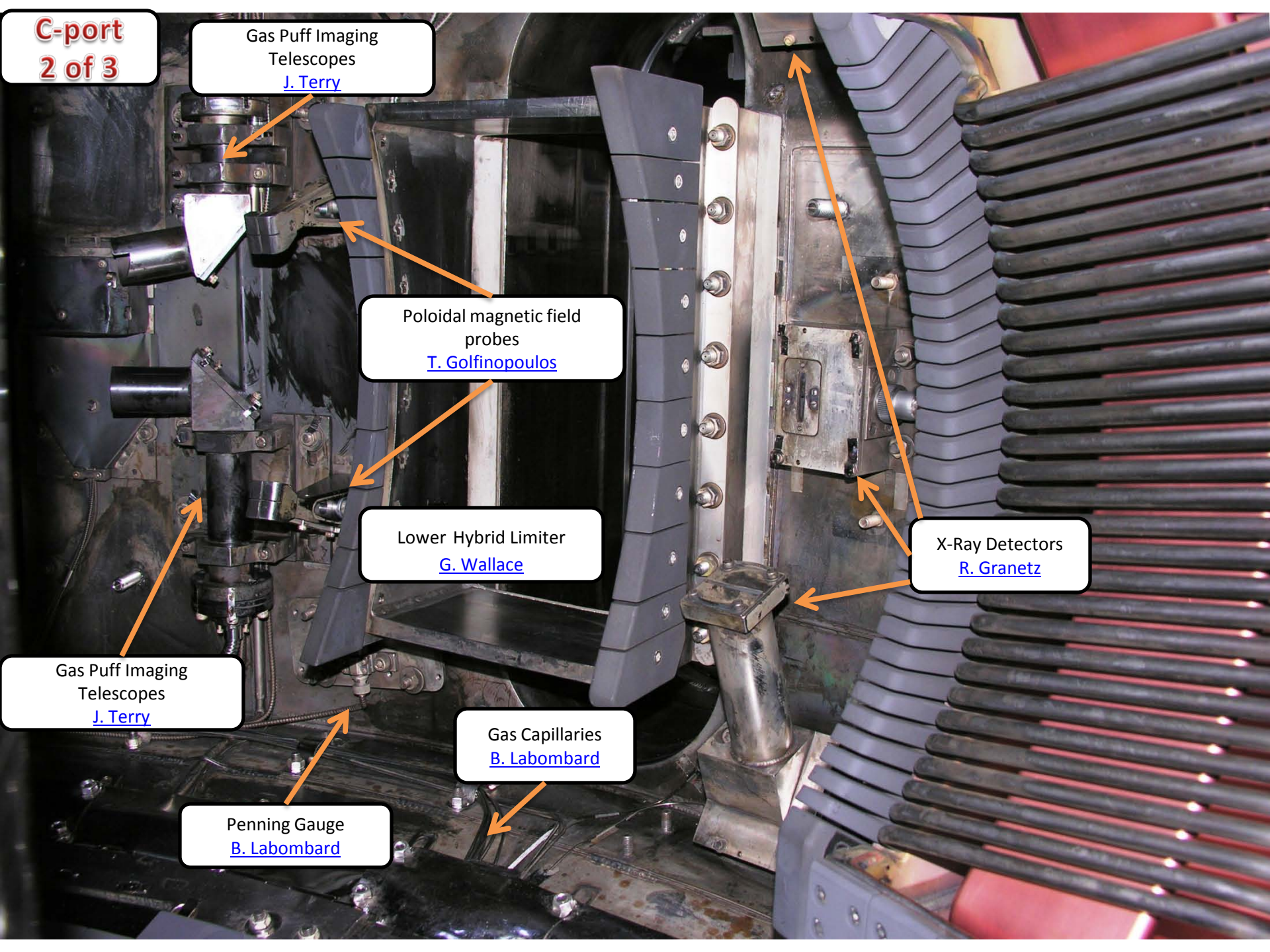
Lower Hybrid Limiter
[G. Wallace](#)

X-Ray Detectors
[R. Granetz](#)

Gas Puff Imaging
Telescopes
[J. Terry](#)

Penning Gauge
[B. Labombard](#)

Gas Capillaries
[B. Labombard](#)



**C-port
3 of 3**

Glow Discharge
Paddle
[J. Irby](#)

Cryo Pump Penning
Gauge conduits
[B. Labombard](#)

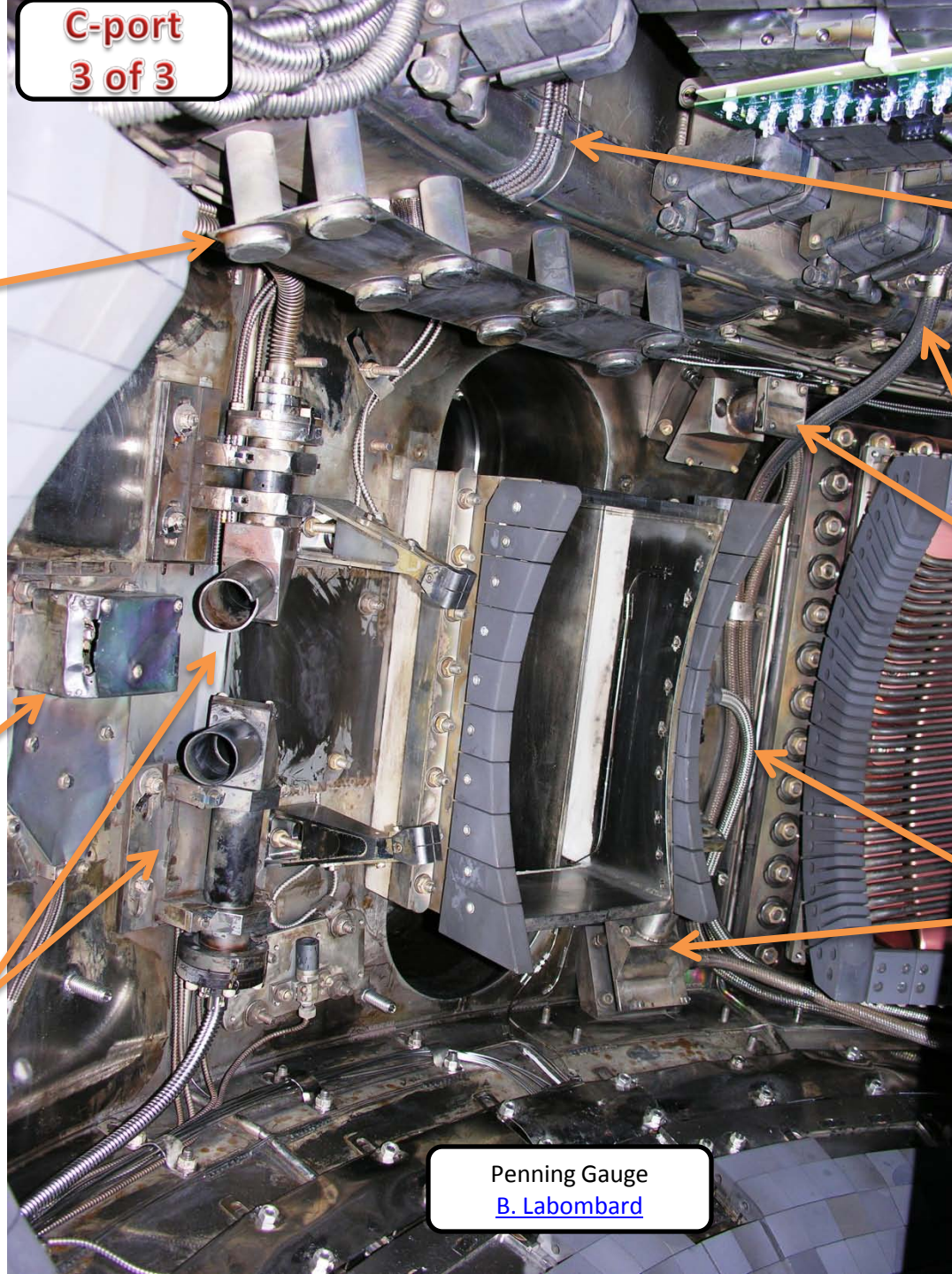
X-Ray Detectors
And Conduits
[R. Granetz](#)

Impurity
Spectrometer
[B. Lipschultz](#)

X-Ray Detectors
And Conduits
[R. Granetz](#)

Gas Puff Imaging
Telescopes
[J. Terry](#)

Penning Gauge
[B. Labombard](#)



**D-port
1 of 2**

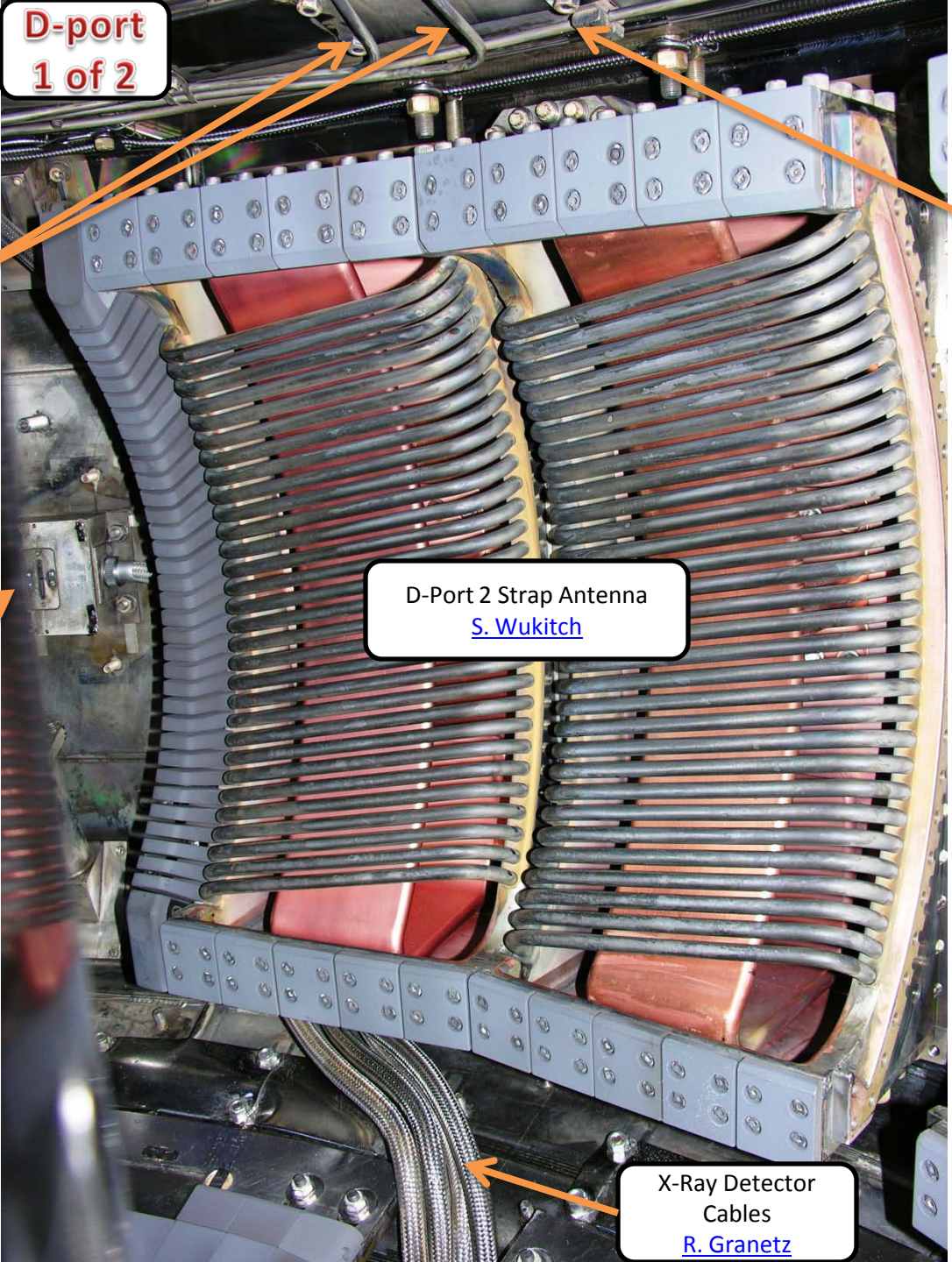
Glow Discharge
Paddle Coaxes
[J. Irby](#)

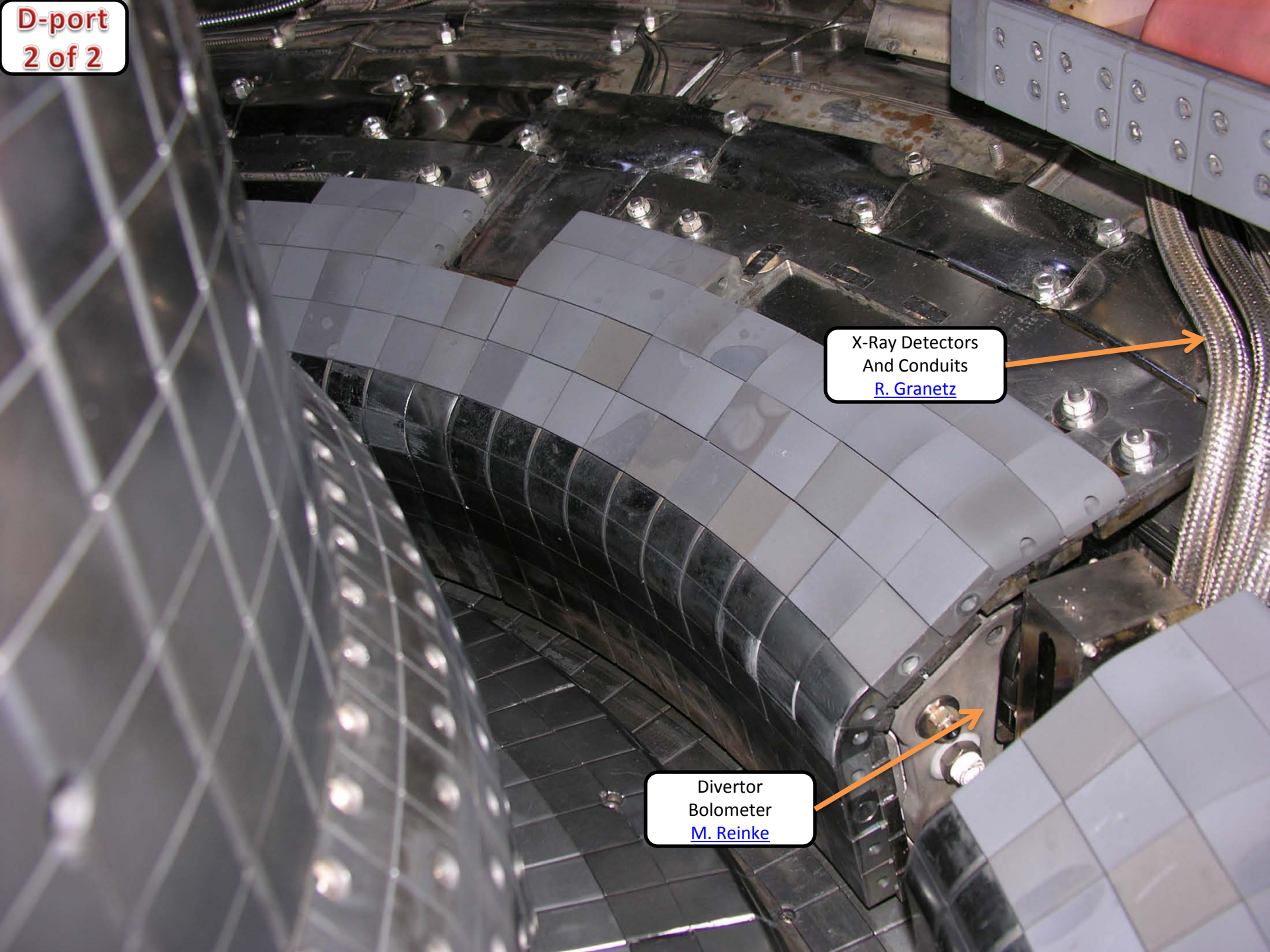
Diborane Gas Feed

X-Ray Detector
[R. Granetz](#)

D-Port 2 Strap Antenna
[S. Wukitch](#)

X-Ray Detector
Cables
[R. Granetz](#)





X-Ray Detectors
And Conduits
[R. Granetz](#)

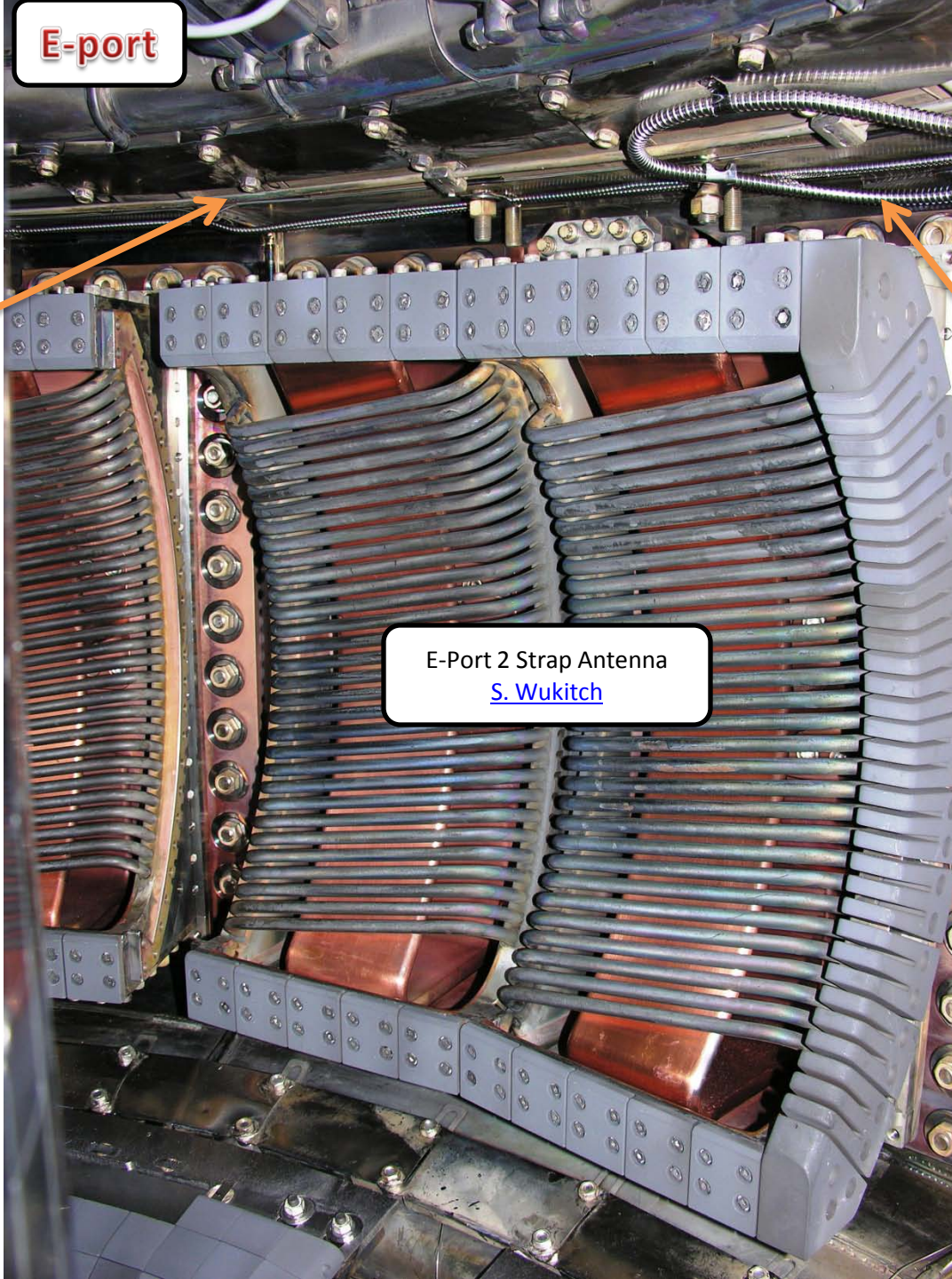
Divertor
Bolometer
[M. Reinke](#)

E-port

Diborane Gas Feed

Edge Charge Exchange
Recombination Spectroscopy
Fiber Bundle
(CXRS Poloidal view)
M. Churchill

E-Port 2 Strap Antenna
[S. Wukitch](#)



F-port

Edge Charge Exchange
Recombination
Spectroscopy
(CXRS Poloidal view)
M. Churchill

Motional Stark Effect
(MSE)
[S. Scott](#)

Poloidal magnetic field
probes
[T. Golfino](#)

Motional Stark Effect
(MSE)
Shutter Conduit
[S. Scott](#)

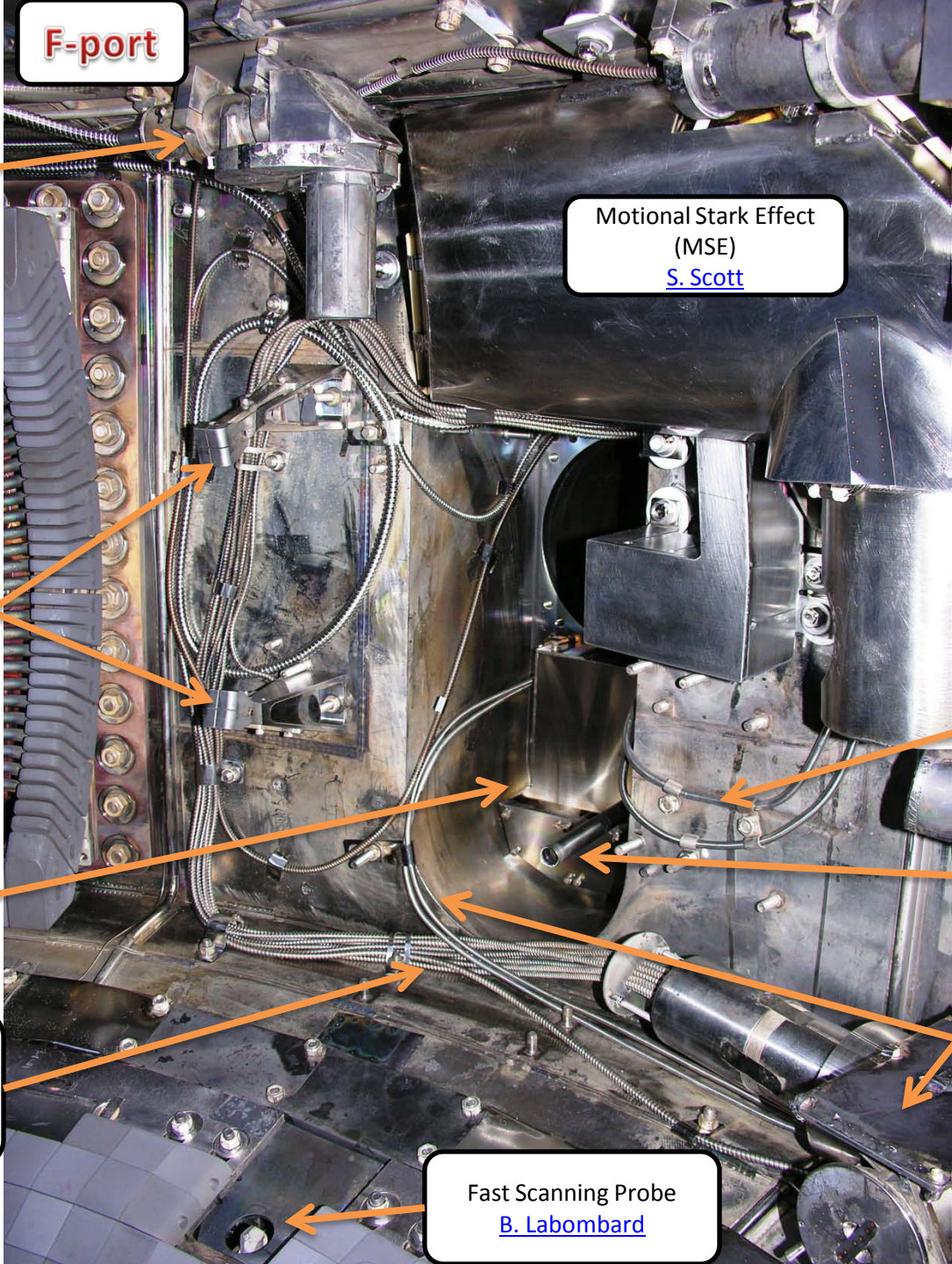
University of Texas
Fusion Research
Center Electron
Cyclotron Emission
[P. Phillips](#)

Re-entrant IR Camera
[B. Granetz](#)

Edge Charge Exchange
Recombination Spectroscopy
(CXRS Toroidal view)
[I. Bespamyatnov](#)

Edge Charge Exchange
Recombination Spectroscopy
And Conduit
(CXRS Toroidal view)
[I. Bespamyatnov](#)

Fast Scanning Probe
[B. Labombard](#)



G-port
1 of 2

Edge Charge Exchange
Recombination Spectroscopy
(CXRS Poloidal view)
Conduit
M. Churchill

Edge Charge Exchange
Recombination
Spectroscopy Conduits
(CXRS Toroidal view)
[I.Bespamyatnov](#)

Poloidal magnetic
field probes
[T. Golfopoulos](#)

Motional Stark Effect (MSE)
Thermocouple
Interconnection panel
[S. Scott](#)

Poloidal magnetic
field probes
[T. Golfopoulos](#)

Wide Angle View
(Wide II)
[J. Terry](#)

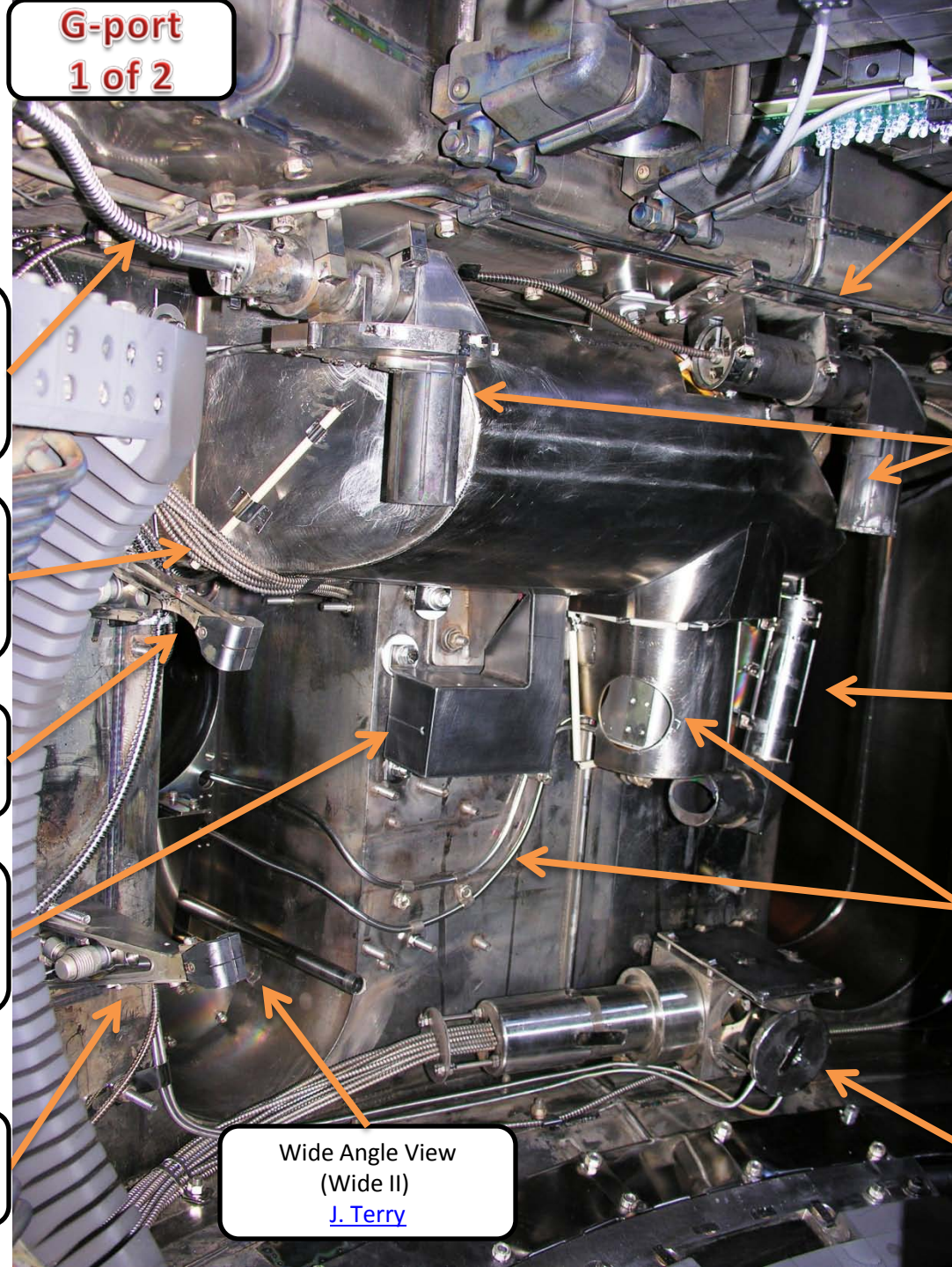
Diborane Gas Feed

Edge Charge Exchange
Recombination Spectroscopy
(CXRS Poloidal view)
M. Churchill

Edge Charge Exchange
Recombination Spectroscopy
(CXRS Toroidal view)
M. Churchill

Motional Stark Effect (MSE)
Shutter and conduit
[S. Scott](#)

Edge Charge Exchange
Recombination Spectroscopy
(CXRS Toroidal view)
[I.Bespamyatnov](#)



**G-port
2 of 2**

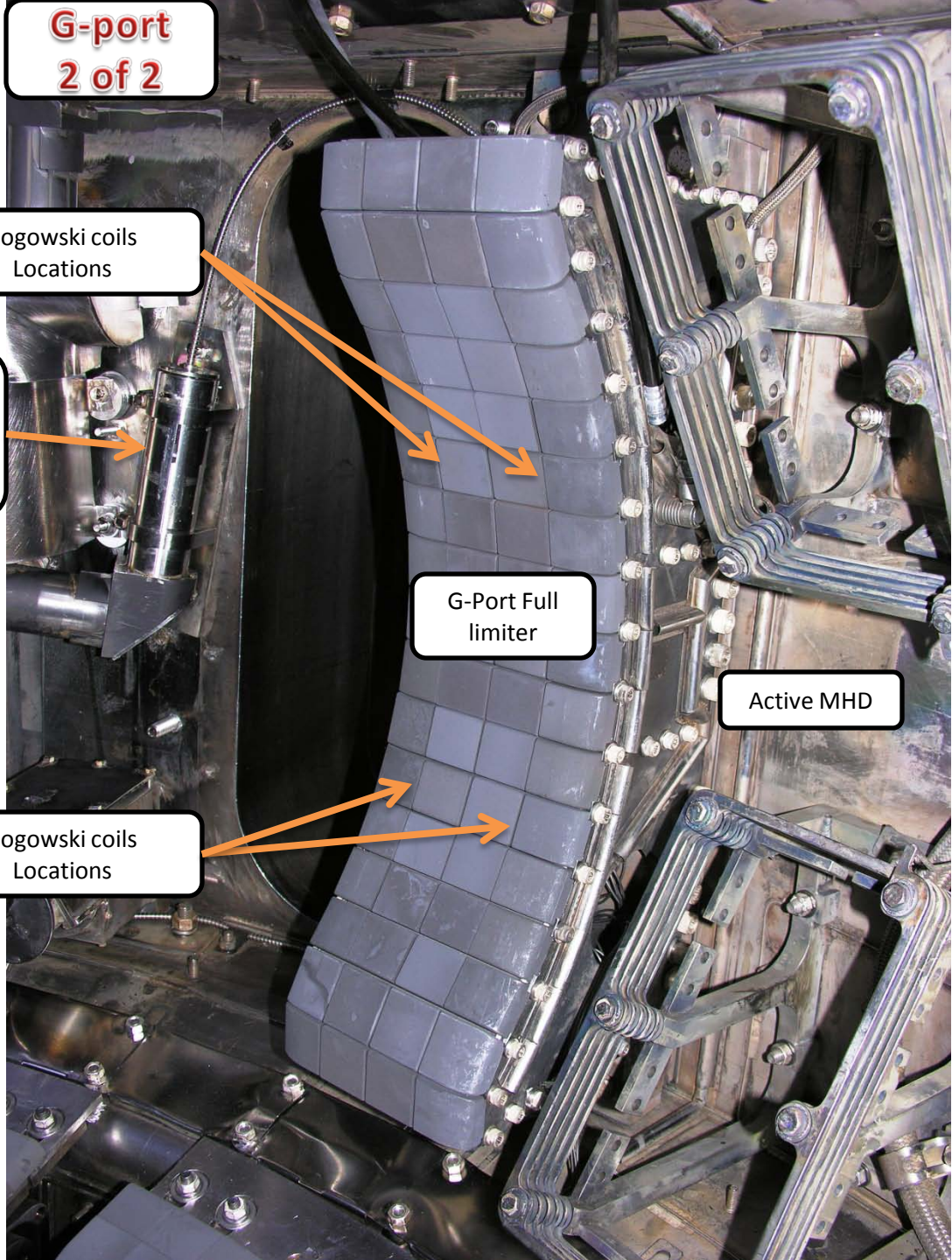
Rogowski coils
Locations

Edge Charge Exchange
Recombination Spectroscopy
(CXRS Toroidal view)
M. Churchill

G-Port Full
limiter

Active MHD

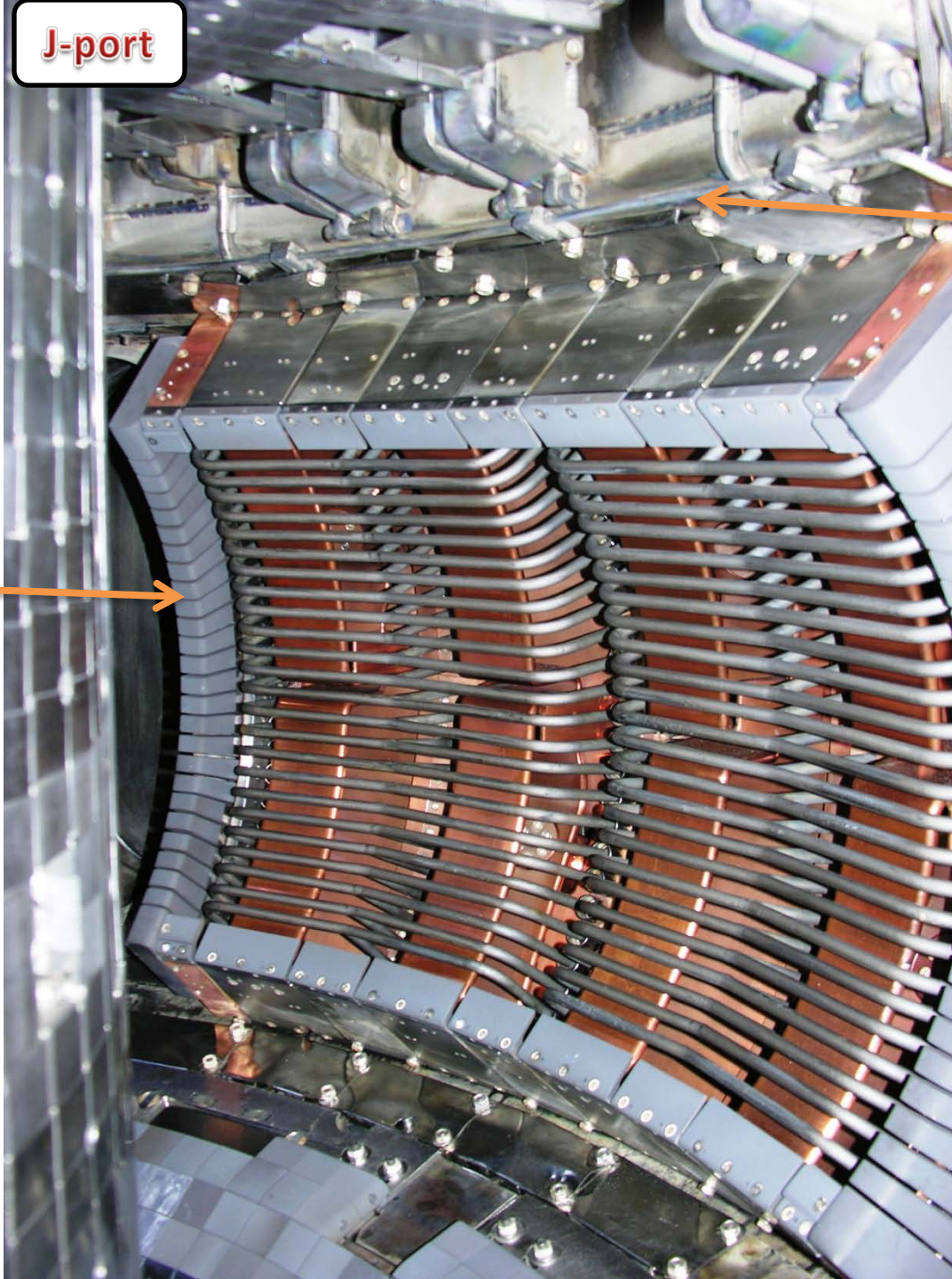
Rogowski coils
Locations



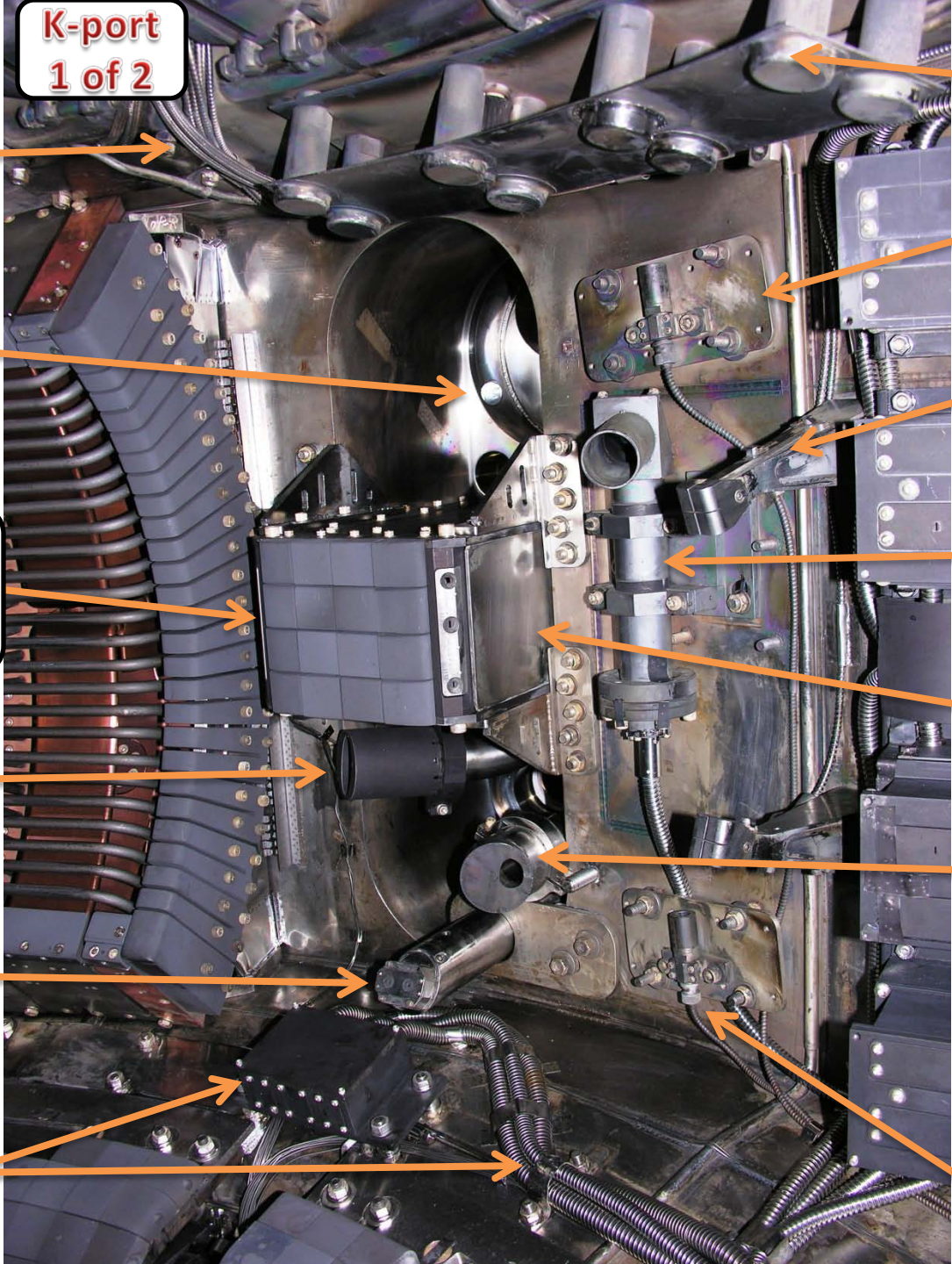
J-port

Diborane Gas Feed

J-Port 4 Strap Antenna
[S. Wukitch](#)



**K-port
1 of 2**



G- Port Full Limiter
Magnetics conduits
[T. Golfopoulos](#)

High-Resolution
Spatially Resolving
X-ray (HiReX-Jr)
Spectrometer
[J. Rice](#)

Midplane Bolometry, ,
Absolute XUV, Lyman-Alpha,
Shutter and Mirror
[M. Reinke](#)

Outboard Limiter
Spectroscopy
[B. Lipschultz](#)

2 Pi Bolometer
[M. Reinke](#)

Ledge Bolometer
And Conduits
[M. Reinke](#)

Glow Discharge
Paddle
[J. Irby](#)

Penning Gauge
[B. Labombard](#)

Poloidal magnetic
field probes
[T. Golfopoulos](#)

Inner Wall Gas Puff
Telescope
[J. Terry](#)

Visible Bremsstrahlung
Mirror
[E. Marmor](#)

Lower Hybrid
Spectroscopy
[J. Terry](#)

Penning Gauge
[B. Labombard](#)

K-port
2 of 2

Far Infra Red
Polarimeter
[J. Irby](#)

H-alpha
[J. Terry](#)

High-Resolution
Spatially Resolving
X-ray (HiReX-Jr)
Spectrometer
[J. Rice](#)

Sparker B

Inspection Port
[J. Irby](#)

Sparker A

