









(C d.)

Instrument	Frequency	Amplitude	Phase
AA	$L^{-1} \mu L^{-1}$		
F	$\mu L^{-1}$		

\*  $L^{-1} \mu L^{-1} = 10^{12}$ ,  $L^{-1} \mu L^{-1} = 10^9$ ,  $\mu L^{-1} \mu L^{-1} = 10^6$ .

Instrument	Frequency	Amplitude	Phase
F			

Instrument	Frequency	Amplitude	Phase
(a) Previous instruments			
( ) I			
( )			
( ) & ( )			
( ) C			
(b) Servicing			
( ) A			
( ) A			
( ) E			
(c) Technical support			
( ) A			
( )			
( )			
( )			
( ) &			

(C 4)

F. 1	b f	I 1
I 1		
<b>1. High frequency (HF) generators</b>	<p>27 H</p>	<b>A.</b>
(a)		<b>HF</b>
(b)	<b>A.</b>	<b>I</b>







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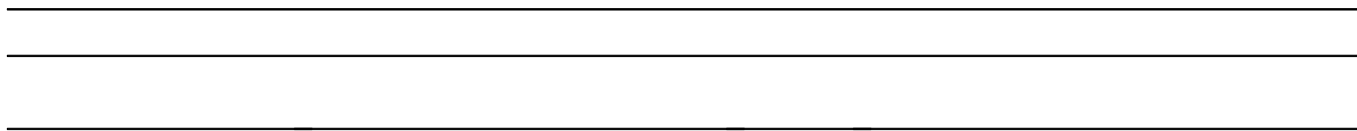
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F. f ..... I f f

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C f f f ..... f f f f f f

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F. <i>f</i>	$\frac{\partial f}{\partial t} + \mathbf{v} \cdot \nabla f + \mathbf{E} \cdot \nabla_{\mathbf{v}} f + \mathbf{F} \cdot \nabla_{\mathbf{v}} f = 0$	I <i>d</i> <i>f</i>
(e) <i>M</i> <i>v</i>	$\frac{\partial f}{\partial t} + \mathbf{v} \cdot \nabla f + \mathbf{E} \cdot \nabla_{\mathbf{v}} f + \mathbf{F} \cdot \nabla_{\mathbf{v}} f = 0$ ( $\mathbf{E} = -\nabla \phi$ ).	A. $\frac{\partial f}{\partial t} + \mathbf{v} \cdot \nabla f + \mathbf{E} \cdot \nabla_{\mathbf{v}} f + \mathbf{F} \cdot \nabla_{\mathbf{v}} f = 0$ H. $\frac{\partial f}{\partial t} + \mathbf{v} \cdot \nabla f + \mathbf{E} \cdot \nabla_{\mathbf{v}} f + \mathbf{F} \cdot \nabla_{\mathbf{v}} f = 0$ G. $\frac{\partial f}{\partial t} + \mathbf{v} \cdot \nabla f + \mathbf{E} \cdot \nabla_{\mathbf{v}} f + \mathbf{F} \cdot \nabla_{\mathbf{v}} f = 0$ (e. $\mathbf{E} \cdot \nabla_{\mathbf{v}} f$ ).
<b>5. Interface</b>	$\frac{\partial f}{\partial t} + \mathbf{v} \cdot \nabla f + \mathbf{E} \cdot \nabla_{\mathbf{v}} f + \mathbf{F} \cdot \nabla_{\mathbf{v}} f = 0$ ( $\mathbf{E} = -\nabla \phi$ ).	IC. $\frac{\partial f}{\partial t} + \mathbf{v} \cdot \nabla f + \mathbf{E} \cdot \nabla_{\mathbf{v}} f + \mathbf{F} \cdot \nabla_{\mathbf{v}} f = 0$
(a) C	$\frac{\partial f}{\partial t} + \mathbf{v} \cdot \nabla f + \mathbf{E} \cdot \nabla_{\mathbf{v}} f + \mathbf{F} \cdot \nabla_{\mathbf{v}} f = 0$	I
(b) E	$\frac{\partial f}{\partial t} + \mathbf{v} \cdot \nabla f + \mathbf{E} \cdot \nabla_{\mathbf{v}} f + \mathbf{F} \cdot \nabla_{\mathbf{v}} f = 0$	I
(c) C	$\frac{\partial f}{\partial t} + \mathbf{v} \cdot \nabla f + \mathbf{E} \cdot \nabla_{\mathbf{v}} f + \mathbf{F} \cdot \nabla_{\mathbf{v}} f = 0$	I
(d) I	$\frac{\partial f}{\partial t} + \mathbf{v} \cdot \nabla f + \mathbf{E} \cdot \nabla_{\mathbf{v}} f + \mathbf{F} \cdot \nabla_{\mathbf{v}} f = 0$	I
(e) C	A. $\frac{\partial f}{\partial t} + \mathbf{v} \cdot \nabla f + \mathbf{E} \cdot \nabla_{\mathbf{v}} f + \mathbf{F} \cdot \nabla_{\mathbf{v}} f = 0$ G. $\frac{\partial f}{\partial t} + \mathbf{v} \cdot \nabla f + \mathbf{E} \cdot \nabla_{\mathbf{v}} f + \mathbf{F} \cdot \nabla_{\mathbf{v}} f = 0$ (H. $\frac{\partial f}{\partial t} + \mathbf{v} \cdot \nabla f + \mathbf{E} \cdot \nabla_{\mathbf{v}} f + \mathbf{F} \cdot \nabla_{\mathbf{v}} f = 0$ ).	C
<b>6. Vacuum system</b>	$\frac{\partial f}{\partial t} + \mathbf{v} \cdot \nabla f + \mathbf{E} \cdot \nabla_{\mathbf{v}} f + \mathbf{F} \cdot \nabla_{\mathbf{v}} f = 0$	I
<b>7. Ion detector</b>	$\frac{\partial f}{\partial t} + \mathbf{v} \cdot \nabla f + \mathbf{E} \cdot \nabla_{\mathbf{v}} f + \mathbf{F} \cdot \nabla_{\mathbf{v}} f = 0$	C

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F. f ..... I f f

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( ) C ..... I ..... 7

..... C

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F. f ..... I f f

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**8. Instrument control and monitoring**

(a) I f f  
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(C d)

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F. f	b f	I f
(d) f	.....	I

(C d.)

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