	Domain				Us			Uf		
STAGE	D->u[0] <i>U</i>	D->u[1]	D->u[2] W	D->u[3]	Us[.][0]	Us[.][1]	Us[.][2]	Uf[.][0]	Uf[.][1]	Uf[.][2]
Start	u^n	v^n	w^n	p^n	u^{n-1}	v^{n-1}	w^{n-1}		$-U_{fy}^{n-1}$	$ U_{fz}^{n-1}$
end nonLinear	_	_	_	_	u^n u^{n-1}	v^n v^{n-1}		U_{fx}^n U_{fx}^{n-1}	$U_{fy}^n U_{fy}^{n-1}$	U_{fz}^n U_{fz}^{n-1}
end waveProp	u^*	v^*	w^*	_	u^n u^{n-1}	v^n v^{n-1}	w^n w^{n-1}	U_{fx}^n U_{fx}^{n-1}	U_{fy}^n	$U_{fz}^n U_{fz}^{n-1}$
start setPForce	u^n	v^n	w^n	_	u^* u^{n-1}	v^* v^{n-1}	w^* w^{n-1}	$ U_{fx}^n$	$ U_{fy}^n$	$ U_{fz}^n$
end setPForce	u^n	v^n	w^n	_	u^* u^{n-1}	v^* v^{n-1}	w^* w^{n-1}	$\nabla \cdot u/\Delta t$ U_{fx}^n	$ U_{fy}^n$	$ U_{fz}^n$
end Solve (P)	u^n	v^n	w^n	p^{n+1}	u^* u^{n-1}	v^* v^{n-1}	w^* w^{n-1}	$ U_{fx}^n$	U_{fy}^n	$ U_{fz}^n$
end project	u^n	v^n	w^n	p^{n+1}	$ u^{n-1}$	v^{n-1}	$ w^{n-1}$		$ \frac{-v^{**}}{\nu \Delta t} U_{fy}^n $	$\frac{-w^{**}}{\nu \Delta t} U_{fz}^n$
update velocity storage	u^n	v^n	w^n	p^{n+1}			$ w^n$	$\frac{-u^{**}}{\nu^{\Delta t}} U_{fx}^n$	$ \begin{array}{c c} -v^{**} \\ \hline \nu \Delta t \\ U_{fy}^n \end{array} $	$\frac{-w^{**}}{\nu \Delta t} U_{fz}^n$
end solve (U)	u^{n+1}	v^{n+1}	w^{n+1}	p^{n+1}	$ u^n$		$ w^n$	$ U_{fx}^n$	$ U_{fy}^n$	$ U_{fz}^n$