

Table 1 & 2 – Current Predictions							
Dive Site:	Reference Station:		Substation:		Predictions		Water Entry
Date:	time	knots	time differences	speed ratio	time - / + differences	knots x speed ratio	time
maximum F / E							
slack before F / E		-----		-----		-----	
maximum F / E							

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maximum F / E							
slack before F / E		-----		-----		-----	
maximum F / E							

Duration of Slack – Table 4							
Dive Site:	Reference Station:		Substation:		Predictions		Duration of slack
Date:	time	knots	time differences	speed ratio	time - / + differences	knots x speed ratio	minutes
maximum F / E							/2=
slack before F / E		-----		-----		descent: duration:	
maximum F / E							/2=

Duration of Slack – Table 4							
Dive Site:	Reference Station:		Substation:		Predictions		Duration of slack
Date:	time	knots	time differences	speed ratio	time - / + differences	knots x speed ratio	minutes
maximum F / E							/2=
slack before F / E		-----		-----		descent: duration:	
maximum F / E							/2=

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Date:	time	knots	time differences	speed ratio	time - / + differences	knots x speed ratio	minutes
maximum F / E							/2=
slack before F / E		-----		-----		descent: duration:	
maximum F / E							/2=

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Dive Site:	Reference Station:		Substation:		Predictions		Duration of slack
Date:	time	knots	time differences	speed ratio	time - / + differences	knots x speed ratio	minutes
maximum F / E							/2=
slack before F / E		-----		-----		descent: duration:	
maximum F / E							/2=

### Advanced Dive Planning Worksheet (Table 1, 2, & 3)

Dive Site:	Reference Station:		Substation:		Predictions		Entry Time:        Descent Time:     Dir. of F:    Dir. of E:
Date:	time	knots	time differences	speed ratio	time - / + differences	knots	
maximum F / E							
slack before F / E		-----		-----		-----	
maximum F / E							
Speed of current at <b>Time of interest</b>	time of max current – slack		time of interest – slack		factor x current speed		
<b>Time 1:</b>	_____ (enter at <b>top</b> of Table 3)		_____ (enter at <b>side</b> of Table 3)		_____ (current at time of interest)		
<b>Time 2:</b>	_____ (enter at <b>top</b> of Table 3)		_____ (enter at <b>side</b> of Table 3)		_____ (current at time of interest)		

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Dive Site:	Reference Station:		Substation:		Predictions		Entry Time:        Descent Time:     Dir. of F:    Dir. of E:
Date:	time	knots	time differences	speed ratio	time - / + differences	knots	
maximum F / E							
slack before F / E		-----		-----		-----	
maximum F / E							
Speed of current at <b>Time of interest</b>	time of max current – slack		time of interest – slack		factor x current speed		
<b>Time 1:</b>	_____ (enter at <b>top</b> of Table 3)		_____ (enter at <b>side</b> of Table 3)		_____ (current at time of interest)		
<b>Time 2:</b>	_____ (enter at <b>top</b> of Table 3)		_____ (enter at <b>side</b> of Table 3)		_____ (current at time of interest)		

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Dive Site:	Reference Station:		Substation:		Predictions		Entry Time:        Descent Time:     Dir. of F:    Dir. of E:
Date:	time	knots	time differences	speed ratio	time - / + differences	knots	
maximum F / E							
slack before F / E		-----		-----		-----	
maximum F / E							
Speed of current at <b>Time of interest</b>	time of max current – slack		time of interest – slack		factor x current speed		
<b>Time 1:</b>	_____ (enter at <b>top</b> of Table 3)		_____ (enter at <b>side</b> of Table 3)		_____ (current at time of interest)		
<b>Time 2:</b>	_____ (enter at <b>top</b> of Table 3)		_____ (enter at <b>side</b> of Table 3)		_____ (current at time of interest)		

Height of Tide Anytime – Table 7							
Location:	Reference Station:		Substation:		Predictions		
Date:	time	height	time differences	height	time - / + differences	+ / - / * height	
H / L Water							
H / L Water							
<b>Time of Interest:</b>	Duration of rise/fall= _____ (enter at side)		Time of interest from high/low= _____ (find # horizontally)		Range of tide = _____ (enter at side, lower)		Correction + / - high / low water = _____

Height of Tide Anytime – Table 7							
Location:	Reference Station:		Substation:		Predictions		
Date:	time	height	time differences	height	time - / + differences	+ / - / * height	
H / L Water							
H / L Water							
<b>Time of Interest:</b>	Duration of rise/fall= _____ (enter at side)		Time of interest from high/low= _____ (find # horizontally)		Range of tide = _____ (enter at side, lower)		Correction + / - high / low water = _____

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Date:	time	height	time differences	height	time - / + differences	+ / - / * height	
H / L Water							
H / L Water							
<b>Time of Interest:</b>	Duration of rise/fall= _____ (enter at side)		Time of interest from high/low= _____ (find # horizontally)		Range of tide = _____ (enter at side, lower)		Correction + / - high / low water = _____