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2018 年港灣環境資訊網
海氣象觀測資料年報
(12 海域波浪觀測資料)



交通部運輸研究所

中華民國 109 年 2 月

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交通部運輸研究所

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摘要： <p style="text-align: center;">本港灣環境資訊網觀測波浪資料年報，包括北苗、北端、宜蘭、花蓮、臺東、屏東、高雄、嘉南、中雲、澎湖、金門及馬祖等12個海域，2018年觀測波浪資料之觀測記錄表及逐時資料歷線圖。</p>			
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2018年港灣環境資訊網海氣象觀測資料年報 (12 海域波浪觀測資料)

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誌 謝

2018 年港灣環境資訊網觀測波浪資料年報，蒐集之 12 海域波浪資料，除本中心自行觀測之外，在新竹海上浮標(測站 Y)、龍洞海上浮標(測站 Y)、花蓮海上浮標(測站 Y)、測站 Z(蘭嶼浮標站)、測站 R(遠洋浮標站)、小琉球海上浮標(測站 Y)、大鵬灣海上浮標(測站 U)、馬祖海上浮標(測站 Y)、富貴角海上浮標(測站 R)、七美海上浮標(測站 R)、東吉島浮標(測站 Z)等觀測波浪資料，係交通部 中央氣象局(CWB)提供，謹致謝忱。

蘇澳海上浮標(測站 Y)、臺東海上浮標(測站 Y)、鵝鑾鼻海上浮標(測站 Z)、彌陀海上浮標站(測站 Z)、七股海上浮標(測站 Y)、七股雷達站(測站 Z)、澎湖海上浮標(測站 Y)、金門海上浮標(測站 Y)等觀測波浪資料，係經濟部 水利署(WRA)提供，謹致謝忱。

其他福隆海上浮標(測站 R)、灣裡海上浮標(測站 R)、南灣海上浮標(測站 R)及金門后江灣海上浮標(測站 Z) 觀測波浪儀，係 國立成功大學水文中心(COMC)裝設；基隆海域附近海上浮標(測站 Z)觀測波浪儀，係 國立臺灣海洋大學(NTOC)裝設；彰濱外海浮標站(測站 Y)波浪儀，係 海科中心(TORI)所設置；龜山島外海浮標站(測站 Z)之波浪儀屬 觀光局東北角管理處(TBRC)所設置；曾文溪外海浮標(測站 V)及鹿耳門溪口外海浮標(測站 U)波浪儀屬 觀台灣中油(CPC)所設置；彰濱外海一浮標站(測站 Z)、彰濱外海二浮標站(測站 R) 及彰濱 B 區(測站 U)之波浪儀屬 中興工程所設置，謹致謝忱。

第 0 章臺灣 12 海域觀測波浪資料蒐集

本年報將彙整包括本所港研中心(IHMT)、氣象局(CWB)、水利署(WRA)、成功大學水文中心(COMC)、國立臺灣海洋大學(NTOC)、海科中心(TORI)、觀光局東北角管理處(TBRC)、台灣中油(CPC)等單位，於臺灣北苗海域、北端海域、宜蘭海域、花蓮海域、臺東海域、屏東海域、高雄海域、嘉南海域、中雲海域、澎湖海域、金門海域及馬祖海域等 12 個海域，海域區分如附圖 A1。臺灣 12 海域觀測波浪資料測站統計表如表 V1。

表 V1 臺灣 12 海域觀測波浪資料測站統計表

編號	海域名稱	測站總數	IHMT 測站	CWB 測站	WRA 測站	其他 測站	備註
1	北苗海域	2	1	1	0	0	
2	北端海域	4	1	2	0	1	
3	宜蘭海域	4	1	0	1	2	
4	花蓮海域	2	1	1	0	0	
5	臺東海域	4	1	2	1	0	
6	屏東海域	4	0	1	2	1	
7	高雄海域	5	4	0	1	0	
8	嘉南海域	7	2	0	2	3	
9	中雲海域	5	1	0	0	4	
10	澎湖海域	5	2	2	1	0	
11	金門海域	4	2	0	1	1	
12	馬祖海域	6	5	1	0	0	
	合計	48	20	8	9	11	

註:資料更新時間為 2018 年。

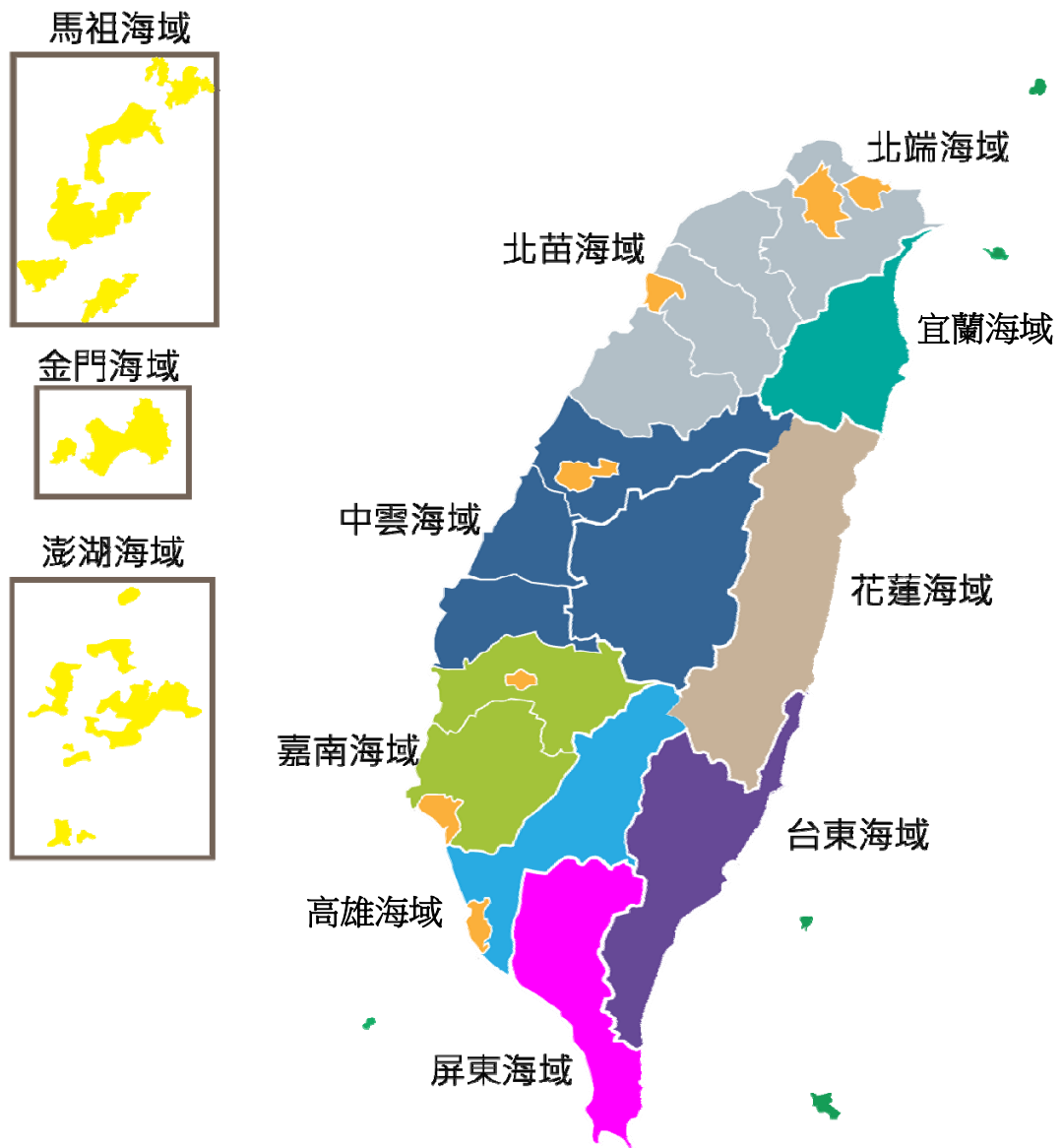


圖 A1 臺灣 12 海域區分示意圖

2018 年北苗海域觀測波浪資料

北苗海域(新北~苗栗)波浪之觀測較早本中心(IHMT)於臺北港外海觀測樁(測站 X0)水下 5 米處安裝 Inter Ocean S-4ADW 潮波儀所測得之 2Hz 水位變化時間序列處理而得，期間為 1996 年 10 月至 2004 年 9 月，舊觀測樁測站位置如附圖 VP1，2004 年 12 月以後更換之新觀測樁測，稱測站 X1，因 S-4 觀測儀器老舊，另更換為 NORTEK 公司之剖面海流表面波浪與潮汐之監測系統(AWCP)。

測站 Y(新竹外海浮標站)之波浪儀屬中央氣象局(CWB)所有，波浪資料由中央氣象局提供。各測站歷年觀測波浪資料蒐集概況如表 VP1。

波浪觀測 AWCP 系統有兩個分離波高量測模式：一個是對平靜波浪時，當資料由傳統式壓力感應器量測時將會因儀器佈放的深度而受很大的影響。此時，表面高度必須用一個聲波式的高度感應器量測波高。AWCP 波向量測範圍：波向的量測從海面下 3 米以上的流向資料與波高資料計算轉換而得。對攪動的海況來說；用於轉換波向的該層深度應該自動被調整為平均水位也就是 $H_{max}/2$ 。量測的參數為：平均波向及波向分佈，波向單位為度。

表 VP1 北苗海域觀測波浪資料蒐集概況表(統計時間至 2018 年 11 月)

測站	緯度	經度	觀測期間	觀測單位	備註
X0	25°10'44"N	121°22'41"E	1996/10-2004/09	港研中心	台北港舊觀測樁
X1	25°10'54"N	121°22'33"E	2005/01-2018/11(觀測中)	港研中心	台北港新觀測樁
Y	24°45'39"N	120°50'38"E	1997/06-2018/11(觀測中)	中央氣象局	新竹浮標站

北苗海域

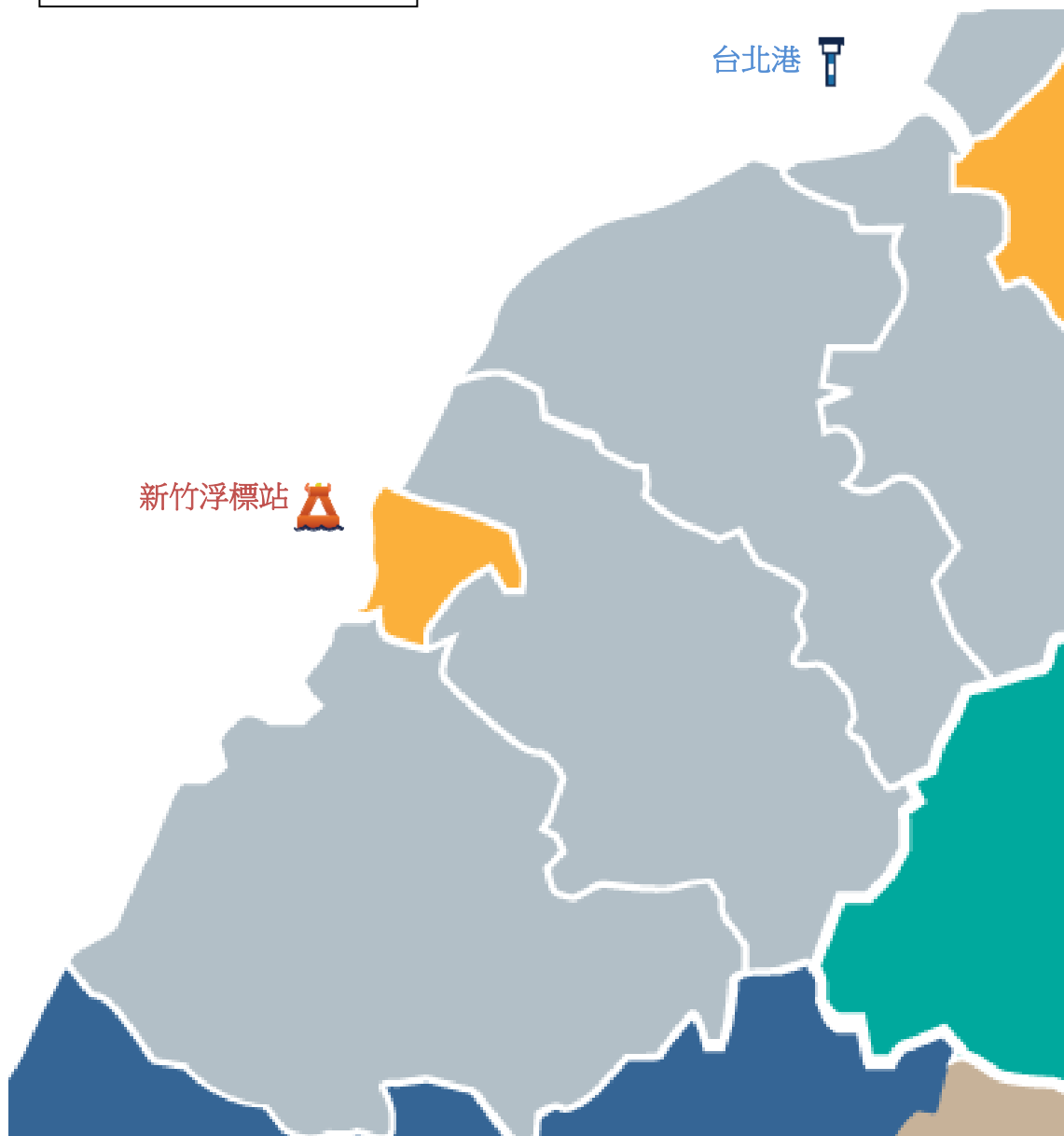


圖 VP1 北苗海域波浪觀測站位置示意圖

2018 年北端海域觀測波浪資料

北端海域(富貴角~龍洞)波浪觀測，本中心(IHMT)於 2001 年 6 月安置 NORTEK 剖面海流表面波浪與潮汐之監測系統(簡稱 AWCP)，在基隆港東防波堤堤頭外水深 44m 處(測站 X0)，如附圖 VK1，2006 年 8 月因防波堤延伸工程，移至西防波堤堤外水深 36m 位置(測站 X1)。2011 年 8 月，再移至東防波堤堤頭北方約 200m，水深 48m(測站 X2)。

測站 Y(龍洞外海浮標站)及測站 R(富貴角外海浮標站)波浪儀屬中央氣象局(CWB)所有，測站 Z(基隆外海浮標站)波浪儀為國立臺灣海洋大學(NOTC)裝設。北端海域各測站歷年觀測波浪資料蒐集概況如表 VK1。

波浪觀測 AWCP 系統有兩個分離波高量測模式：一個是對平靜波浪時，當資料由傳統式壓力感應器量測時將會因儀器佈放的深度而受很大的影響。此時，表面高度必須用一個聲波式的高度感應器量測波高。AWCP 波向量測範圍：波向的量測從海面下 3 米以上的流向資料與波高資料計算轉換而得。對攪動的海況來說；用於轉換波向的該層深度應該自動被調整為平均水位也就是 $H_{max}/2$ 。量測的參數為：平均波向及波向分佈，波向單位為度。

表 VK1 北端海域觀測波浪資料蒐集概況表(統計時間至 2018 年 11 月)

測站	緯度	經度	觀測期間	觀測單位	備註
X0	25°09'50"N	121°45'14"E	2001/06-2006/05	港研中心	基隆港東堤外海
X1	25°44'58"N	121°44'58"E	2006/08-2011/07	港研中心	基隆港西堤外海
X2	25°09'57"N	121°45'17"E	2011/08-2018/11(觀測中)	港研中心	基隆港東堤外海
Y	25°05'54"N	121°55'22"E	1998/09-2018/11(觀測中)	中央氣象局	龍洞浮標站
Z	25°09'17"N	121°47'06"E	2012/05-2018/11(觀測中)	臺灣海洋大學	基隆浮標站
R	25°18'15"N	121°32'05"E	2015/07-2018/11(觀測中)	中央氣象局	富貴角浮標

北端海域



圖 VK1 北端海域波浪觀測站位置示意圖

2018 年宜蘭海域觀測波浪資料

宜蘭海域波浪之觀測本中心(IHMT)於 2002 年 7 月 19 日於蘇澳港外約 700m 附近(稱測站 X)，水深約 25 公尺處設置挪威 NORTEK 公司之剖面海流與表面波浪(波高、週期及波向)即時傳送監測系統(簡稱 AWCP)波浪觀測站，其位置如附圖 VS1。

測站 Y(蘇澳外海浮標站)之波浪儀屬水利署(WRA)所有，測站 Z(龜山島外海浮標站)之波浪儀屬觀光局東北角管理處(TBRC)所設置。福隆海上浮標(測站 R)觀測風力，係國立成功大學水文中心(COMC)所裝設。蘇澳海域各測站歷年觀測波浪資料蒐集概況如表 VS1。

波浪觀測 AWCP 系統有兩個分離波高量測模式：一個是對平靜波浪時，當資料由傳統式壓力感應器量測時將會因儀器佈放的深度而受很大的影響。此時，表面高度必須用一個聲波式的高度感應器量測波高。AWCP 波向量測範圍：波向的量測從海面下 3 米以上的流向資料與波高資料計算轉換而得。對攪動的海況來說；用於轉換波向的該層深度應該自動被調整為平均水位也就是 $H_{max}/2$ 。量測的參數為：平均波向及波向分佈，波向單位為度。

表 VS1 宜蘭海域觀測波浪資料蒐集概況表(統計時間至 2018 年 11 月)

測站	緯度	經度	觀測期間	觀測單位	備註
X	24°35'23"N	121°53'07"E	2002/08-2018/11(觀測中)	港研中心	AWCP 蘇澳港
Y	24°37'38"N	121°52'36"E	1999/09-2018/11(觀測中)	水利署	蘇澳浮標站
Z	24°50'52"N	121°55'39"E	2002/05-2018/11(觀測中)	觀光局	龜山島浮標站
R	22°18'50"N	120°21'50"E	2006/04-2008/08	水文中心	福隆浮標站

宜蘭海域



IHMT 波潮流站



WRA 浮標波浪站



COMC 福隆浮標波浪站



TBRC 龜山島浮標波浪站



圖 VS1 宜蘭海域波浪觀測站位置示意圖

2018 年花蓮海域觀測波浪資料

花蓮海域波浪觀測本中心(IHMT)在花蓮港東防波堤往南延長 380 公尺水深 34 公尺處(稱測站 X),於 2001 年 8 月安裝挪威 NORTEK 公司之剖面海流與表面波浪(波高、週期及波向)即時傳送監測系統(簡稱 AWCP),如附圖 VL1。

測站 Y(七星潭外海浮標站)之波浪儀屬中央氣象局(CWB)所有。花蓮海域各測站歷年觀測波浪資料蒐集概況如表 VL1。

波浪觀測 AWCP 系統有兩個分離波高量測模式：一個是對平靜波浪時，當資料由傳統式壓力感應器量測時將會因儀器佈放的深度而受很大的影響。此時，表面高度必須用一個聲波式的高度感應器量測波高。AWCP 波向量測範圍：波向的量測從海面下 3 米以上的流向資料與波高資料計算轉換而得。對攪動的海況來說；用於轉換波向的該層深度應該自動被調整為平均水位也就是 $H_{max}/2$ 。量測的參數為：平均波向及波向分佈，波向單位為度。

表 VL1 花蓮海域觀測波浪資料蒐集概況表(統計時間至 2018 年 11 月)

測站	緯度	經度	觀測期間	觀測單位	備註
X	23°58'00"N	121°37'34"E	2000/09-2018/11(觀測中)	港研中心	花蓮港東堤外海
Y	24°01'58"	121°37'50"E	1997/07-2018/11(觀測中)	中央氣象局	花蓮浮標站

花蓮海域

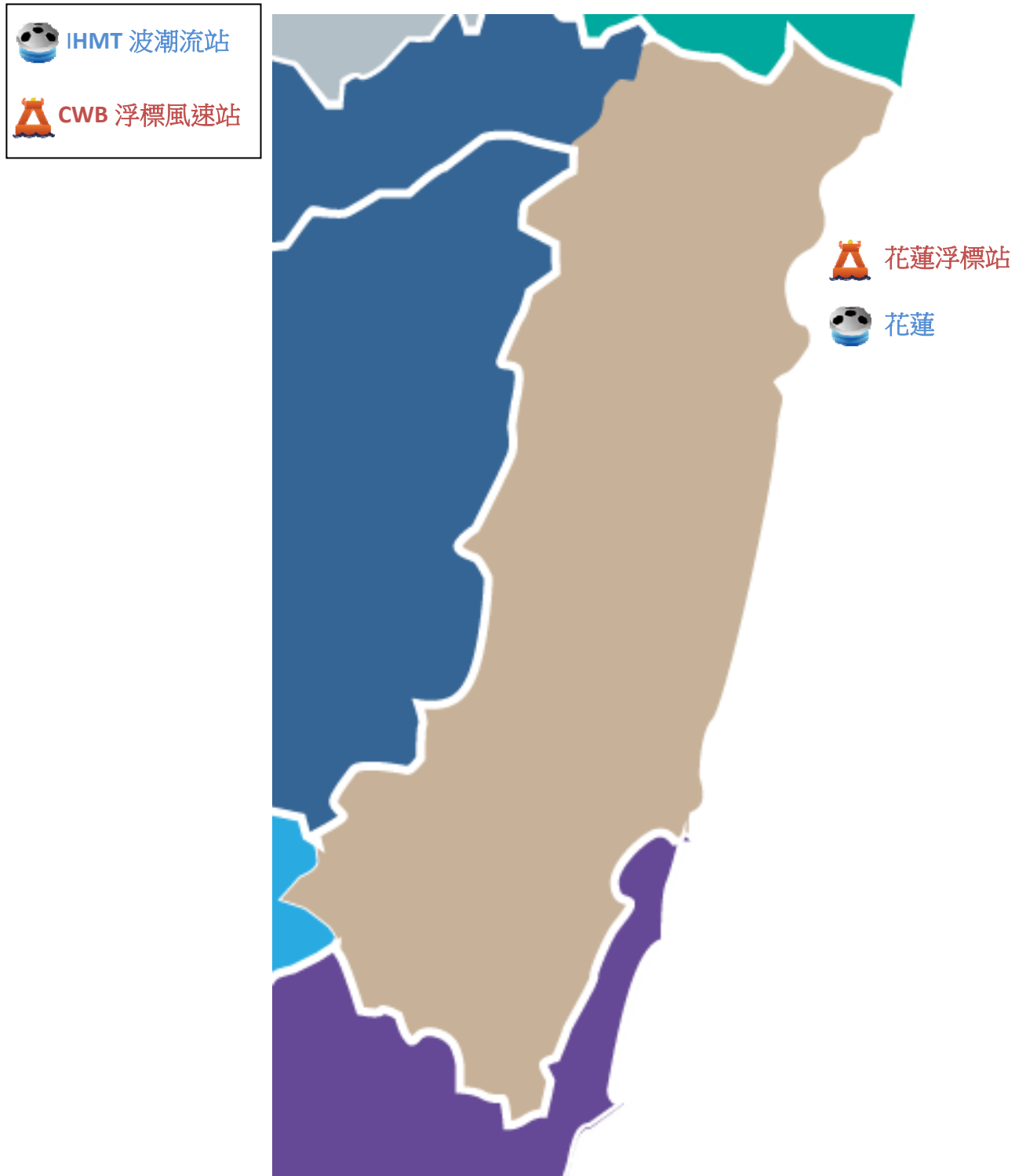


圖 VL1 花蓮海域波浪觀測站位置示意圖

2018 年臺東海域觀測波浪資料

臺東海域綠島南寮港波浪之觀測係 2014 年 10 月本中心(IHMT)於南寮港南防波堤外處(測站 X) 挪威 NORTEK 公司之剖面海流與表面波浪(波高、週期及波向)即時傳送監測系統(簡稱 AWCP)波浪觀測站，其位置如附圖 VJ1。

測站 Z(蘭嶼浮標站)及測站 R(遠洋浮標站)之波浪儀屬中央氣象局(CWB)所有，測站 Y(台東外海浮標站)波浪儀也皆屬水利署(WRA)所有。臺東海域各測站歷年觀測波浪資料蒐集概況如表 VJ1。

波浪觀測 AWCP 系統有兩個分離波高量測模式：一個是對平靜波浪時，當資料由傳統式壓力感應器量測時將會因儀器佈放的深度而受很大的影響。此時，表面高度必須用一個聲波式的高度感應器量測波高。AWCP 波向量測範圍：波向的量測從海面下 3 米以上的流向資料與波高資料計算轉換而得。對攪動的海況來說；用於轉換波向的該層深度應該自動被調整為平均水位也就是 $H_{max}/2$ 。量測的參數為：平均波向及波向分佈，波向單位為度。

表 VJ1 臺東海域觀測波浪資料蒐集概況表(統計時間至 2018 年 11 月)

測站	緯度	經度	觀測期間	觀測單位	備註
X	22°39'30"N	121°28'14"E	2014/10-2018/11(觀測中)	港研中心	綠島南寮港區外海
Y	22°43'27"N	121°08'40"E	2010/09-2018/11(觀測中)	水利署	台東外海浮標站
Z	22°04'18"N	121°34'33"E	2017/09-2018/11(觀測中)	中央氣象局	蘭嶼浮標站
R	21°40'36"N	124°03'48"E	2009/08-2018/11	中央氣象局	遠洋浮標站

臺東海域

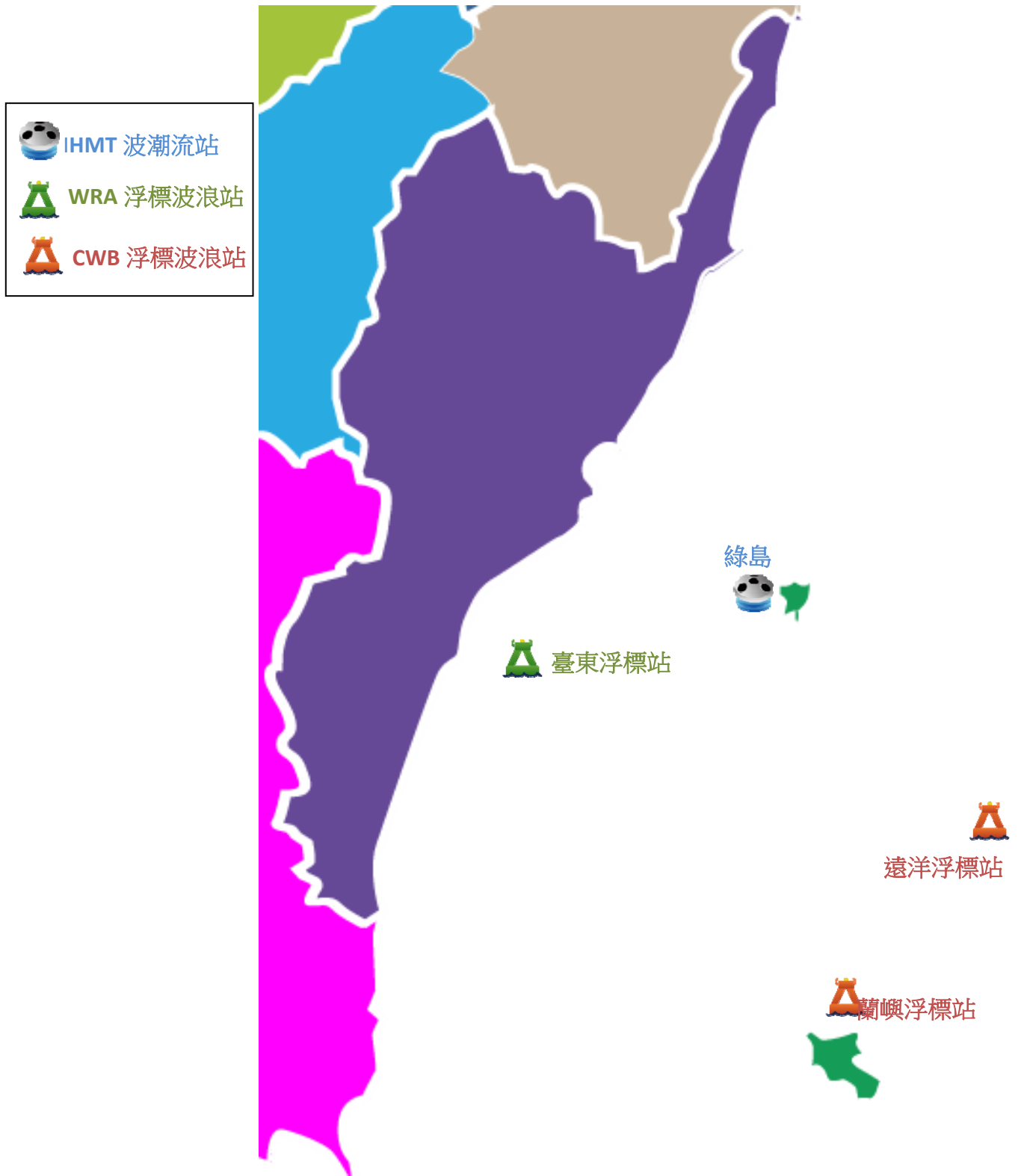


圖 VJ1 臺東海域波浪觀測站位置示

2018 年屏東海域觀測波浪資料

屏東海域波浪之觀測小琉球海上浮標(測站 Y) 屬中央氣象局(CWB)所有，測站之位置如圖 VD1。

測站 Z(鵝鑾鼻外海浮標站)、測站 U(大鵬灣海上浮標站) 之波浪儀則屬水利署(WRA)所有。

南灣海上浮標(測站 R) 波浪儀，係國立成功大學水文中心(COMC)裝設。各測站歷年觀測風資料蒐集概況如表 VD1。

表 VD1 屏東海域觀測波浪資料蒐集概況表(統計時間至 2018 年 11 月)

測站	緯度	經度	觀測期間	觀測單位	備註
Y	22°18'50"N	120°21'50"E	2003/11-2018/11(觀測中)	中央氣象局	小琉球浮標站
Z	21°54'01"N	120°49'21"E	2000/10-2018/11(觀測中)	水利署	鵝鑾鼻浮標站
U	22°18'50"N	120°21'50"E	2002/11-2013/08	水利署	大鵬灣浮標
R	22°18'50"N	120°21'50"E	2003/11-2018/11(觀測中)	水文中心	南灣海上浮標

屏東海域



圖 VD1 屏東海域波浪觀測站位置示意圖

2018 年高雄海域觀測波浪資料

高雄海域波浪觀測係本中心(IHMT)2000 年 12 月於中區污水處理廠附近海域安置 NORTEK 公司之剖面海流與波浪即時監測系統(測站 X0)，如圖 VH1，以進行長期觀測。本站於 2005 年 8 月移至第二港口附近海(稱測站 X1)，水深約 18m;另於 2014 年 4 月及 12 月分別於第一港口及第二港口附近海(測站 A 及測站 1、測站 2)，增設潮波儀站。

測站 Z(彌陀外海浮標站)之波浪儀則屬水利署(WRA)所有。高雄海域各測站歷年觀測波浪資料蒐集概況如表 VH1。

波浪觀測 AWCP 系統有兩個分離波高量測模式：一個是對平靜波浪時，當資料由傳統式壓力感應器量測時將會因儀器佈放的深度而受很大的影響。此時，表面高度必須用一個聲波式的高度感應器量測波高。AWCP 波向量測範圍：波向的量測從海面下 3 米以上的流向資料與波高資料計算轉換而得。對攪動的海況來說；用於轉換波向的該層深度應該自動被調整為平均水位也就是 $H_{max}/2$ 。量測的參數為：平均波向及波向分佈，波向單位為度。

表 VH1 高雄海域觀測波浪資料蒐集概況表(統計時間至 2018 年 11 月)

測站	緯度	經度	觀測期間	觀測單位	備註
X0	22°34'23"N	120°16'09"E	2000/12-2005/08	港研中心	高雄中洲外海
X1	22°32'34"N	120°17'38"E	2005/08-2018/11(觀測中)	港研中心	高雄 2 港口外海
A	22°38'36"N	120°14'13"E	2014/04-2015/03	港研中心	高雄 1 港口外海
1			2014/12-2015/12	港研中心	高雄 2 港口外海
2			2015/12-2017/10	港研中心	高雄 2 港口外海
Z	22°45'50"N	120°09'49"E	2012/09-2018/11(觀測中)	水利署	彌陀外海浮標站

高雄海域



IHMT 波潮流站



WRA 浮標波浪站



圖 VH1 高雄海域波浪觀測站位置示意圖

2018 年嘉南海域觀測波浪資料

嘉南海域波浪觀測係本中心(IHMT)係利用位於安平港海上觀測樁頂水下 5 米處(稱測站 X0)之 Inter Ocean S-4ADW 潮波儀所測得，如附圖 VB1，因 S-4 觀測儀器老舊，目前已更換為 NORTEK 公司之剖面海流表面波浪與潮汐之監測系統(AWCP)，觀測資料至觀測樁於 2011 年 7 月拆除為止。2011 年 7 月於南堤外海增設(AWCP (稱測站 X1))。本中心 2006 年 6 月於布袋港外附近(稱測站 A)水深約 7 公尺處設置 AWCP

測站 Y(七股外海浮標站)及測站 Z(七股雷達站)之波浪儀屬水利署(WRA)所有；曾文溪外海浮標(測站 V)、鹿耳門溪口外海浮標(測站 U) 波浪儀屬觀台灣中油(CPC)所設置。灣裡海上浮標(測站 R)觀測波浪儀，係國立成功大學水文中心(COMC)裝設。嘉南海域各測站歷年觀測波浪資料蒐集概況如表 VB1。

波浪觀測 AWCP 系統有兩個分離波高量測模式：一個是對平靜波浪時，當資料由傳統式壓力感應器量測時將會因儀器佈放的深度而受很大的影響。此時，表面高度必須用一個聲波式的高度感應器量測波高。AWCP 波向量測的參數為：平均波向及波向分佈，波向單位為度。

表 VB1 嘉南海域觀測波浪資料蒐集概況表(統計時間至 2018 年 11 月)

測站	緯度	經度	觀測期間	觀測單位	備註
X0	22°56'37"N	120°08'10"E	1999/10-2011/07	港研中心	安平港觀測樁
X1	22°57'22"N	120°08'53"E	2010/12-2018/11(觀測中)	港研中心	安平港南堤
Y	23°05'55"	120°00'20"E	2006/06-2018/11(觀測中)	水利署	七股浮標站
Z	23°06'48"	120°03'8"E	2005/10-2018/11(觀測中)	水利署	七股雷達站
A0	23°22'49"N	120°07'29" E	2006/06-2010/03	港研中心	AWCP 布袋港
A1	23°22'37"N	120°07'26"E	2012/08-2014/11(觀測中)	港研中心	AWCP 布袋港
V	23°04'29"N	119°57'40"E	2013/08-2014/09	臺灣中油	曾文浮標站
U	22°59'22"N	120°02'26"E	2015/09-2018/11(觀測中)	臺灣中油	鹿耳門浮標站
R	22°54'54"N	129°09'55"E	2015/06-2016/10	水文中心	灣裡浮標站

嘉南海域

 IHMT 波潮流站	 IHMT 觀測樁波潮流站
 WRA 浮標波浪站	 CPC 及 COMC 浮標波浪站



圖 VB1 嘉南海域波浪觀測站位置示意圖

2018 年中雲海域觀測波浪資料

中雲海域(臺中~雲林)波浪之觀測本中心(IHMT)係於 1999 年 10 月安置挪威 NORTEK 公司表面波浪監測系統於台中港**測站 X0**處，位置如附圖 VG1，2000 年因臺中港務局北防波堤延長工程開始展開整平拋石工作影響到儀器安全，於 8 月 18 日暫時停止量測並將設備收回。2003 年 5 月臺中港務局北防波堤延長工程完成後本所隨即在 2003 年 7 月 5 日就安裝完成(挪威 NORTEK 公司)潮波流監測系統，安裝在臺中港北防波堤堤頭 150 公尺外、水深 25 公尺處(稱**測站 X1**)。

測站 Y(彰濱外海浮標站)之波浪儀屬海科中心(TORI)所設置;**測站 Z**(彰濱外海一浮標站)、**測站 R**(彰濱外海二浮標站)及**測站 U**(彰濱 B 區)之波浪儀屬中興工程所設置。臺中海域各測站歷年觀測波浪資料蒐集概況如表 VG1。

波浪觀測 AWCP 系統有兩個分離波高量測模式：一個是對平靜波浪時，當資料由傳統式壓力感應器量測時將會因儀器佈放的深度而受很大的影響。此時，表面高度必須用一個聲波式的高度感應器量測波高。AWCP 波向量測範圍：波向的量測從海面下 3 米以上的流向資料與波高資料計算轉換而得。對攪動的海況來說；用於轉換波向的該層深度應該自動被調整為平均水位也就是 $H_{max/2}$ 。量測的參數為：平均波向及波向分佈，波向單位為度。

表 VG1 中雲海域觀測波浪資料蒐集概況表(統計時間至 2018 年 11 月)

測站	緯度	經度	觀測期間	觀測單位	備註
X0	24°17'54"N	120°29'39"E	1999/10-2000/08	港研中心	北堤外海(延伸前)
X1	24°18'02"N	120°29'05"E	2003/07-2018/11(觀測中)	港研中心	北堤外海
Y	24°01'12"N	120°13'59"E	2006/08-2016/12	海科中心	彰濱外海浮標站
Z	24°06'24"	119°41'33"	2016/09-2017/09	中興工程	彰化外海一浮標
R	24°06'56"	119°51'08"	2016/09-2017/09	中興工程	彰化外海二浮標
U	24°03'23"	128°08'01"	2016/12-2017/12	中興工程	彰化外海 B 區

中雲海域

	IHMT 波潮流站
	TORI 浮標波浪站



圖 VG1 中雲海域波浪觀測站位置示意圖

2018 年澎湖海域觀測波浪資料

澎湖海域波浪之觀測，本中心於(IHMT)2011 年 1 月安置挪威 NORTEK 公司之剖面海流表面波浪與潮汐之監測系統(簡稱 AWCP)，安裝在澎湖港龍門尖山港區波堤堤頭外(測站 X)，另 2016 年 1 月安置 AWCP 在澎湖馬公港口外(測站 A)，如附圖 VN1。

測站 Y(澎湖外海浮標站)之波浪儀屬水利署(WRA)所有，姑婆嶼北北西方約 1 公里處，水深 26.6 公尺浮標上。測站 Z(東吉島波浪站)及七美海上浮標(測站 R)之波浪儀屬中央氣象局(CWB)所有。各觀測站歷年觀測波浪資料蒐集概況如表 VN1。

波浪觀測 AWCP 系統有兩個分離波高量測模式：一個是對平靜波浪時，當資料由傳統式壓力感應器量測時將會因儀器佈放的深度而受很大的影響。此時，表面高度必須用一個聲波式的高度感應器量測波高。AWCP 波向量測範圍：波向的量測從海面下 3 米以上的流向資料與波高資料計算轉換而得。對攪動的海況來說；用於轉換波向的該層深度應該自動被調整為平均水位也就是 $H_{max}/2$ 。量測的參數為：平均波向及波向分佈，波向單位為度。

表 VN1 澎湖海域觀測波浪資料蒐集概況表(統計時間至 2018 年 11 月)

測站	緯度	經度	觀測期間	觀測單位	備註
X	23°33'21"N	119°40'31"E	2011/01-2018/11(觀測中)	港研中心	龍門尖山港外海
Y	23°43'37"N	119°33'07"E	2006/09-2018/11(觀測中)	水利署	澎湖資料浮標
Z	23°15'23"N	119°41'2"E	2013/10-2014/12	中央氣象局	東吉島波浪站
R	22°45'16"N	119°25'42"E	2015/07-2018/11(觀測中)	中央氣象局	七美資料浮標
A	23°33'32"N	119°33'19"E	2016/01-2018/11(觀測中)	港研中心	馬公港外海



圖 VN1 澎湖海域波浪觀測站位置示意圖

2018 年金門海域觀測波浪資料

金門海域波浪之觀測 2013 年 12 月本中心(IHMT)安裝挪威 NORTEK 公司表面波浪監測系統於金門港料羅港區(測站 X)及水頭港區(測站 A)，其位置如附圖 VM1。

測站 Y 外海浮標站之波浪儀屬水利署(WRA)所有，測站 Z 外後江灣小浮標之波浪儀屬近海水文中心(COMC)設置。金門海域各測站歷年觀測波浪資料蒐集概況如表 VM1。

波浪觀測 AWCP 系統有兩個分離波高量測模式：一個是對平靜波浪時，當資料由傳統式壓力感應器量測時將會因儀器佈放的深度而受很大的影響。此時，表面高度必須用一個聲波式的高度感應器量測波高。AWCP 波向量測範圍：波向的量測從海面下 3 米以上的流向資料與波高資料計算轉換而得。對攪動的海況來說；用於轉換波向的該層深度應該自動被調整為平均水位也就是 $H_{max}/2$ 。量測的參數為：平均波向及波向分佈，波向單位為度。

表 VM1 金門海域觀測波浪資料蒐集概況表(統計時間至 2018 年 11 月)

測站	緯度	經度	觀測期間	觀測單位	備註
X	24°24'17"N	118°25'19"E	2014/02-2018/11(觀測中)	港研中心	羅港港區外海
A	24°25'8"N	118°16'41"E	2014/02-2018/11(觀測中)	港研中心	水頭港區外海
Y	24°22'48"N	118°24'41"E	2000/07-2018/11(觀測中)	水利署	金門資料浮標
Z	24°30'27"N	118°22'24"E	2013/12-2014/07	水文中心	后江灣小浮標

金門海域

-  IHMT 波潮流站
-  WRA 浮標波浪站
-  COMC 浮標波浪站



圖 VM1 金門海域波浪觀測站位置示意圖

2018 年馬祖海域觀測波浪資料

馬祖海域風之觀測係 2014 年 10 月本中心(IHMT)安裝挪威 NORTEK 公司潮波流儀(AWAC)於馬祖福澳港區(稱**測站 X**)，其位置如附圖 VU1。2015 年 9 月本中心於北竿、西莒、東引及東莒等 4 處增設潮波流儀 AWAC(稱**測站 A**、**測站 1**、**測站 2**及**測站 3**)。

測站 Y 之波浪儀也屬屬中央氣象局(CWB)所有。馬祖海域各測站歷年觀測波浪資料蒐集概況如表 VU1。

波浪觀測 AWCP 系統有兩個分離波高量測模式：一個是對平靜波浪時，當資料由傳統式壓力感應器量測時將會因儀器佈放的深度而受很大的影響。此時，表面高度必須用一個聲波式的高度感應器量測波高。AWCP 波向量測範圍：波向的量測從海面下 3 米以上的流向資料與波高資料計算轉換而得。對攪動的海況來說；用於轉換波向的該層深度應該自動被調整為平均水位也就是 $H_{max}/2$ 。量測的參數為：平均波向及波向分佈，波向單位為度。

表 VU1 馬祖海域觀測波浪資料蒐集概況表(統計時間至 2018 年 11 月)

測站	緯度	經度	觀測期間	觀測單位	備註
X	26°09'87"N	119°56'11"E	2014/10-2018/11(觀測中)	港研中心	馬祖福澳港 AWCP
A	26°12'18"N	119°58'1 "E	2015/09-2018/11(觀測中)	港研中心	北竿港區 AWCP
1	25°58'8 "N	119°55'54 "E	2015/09-2016/10	港研中心	西莒 AWCP
2	26°21'55 "N	120°29'2 "E	2015/09-2018/11(觀測中)	港研中心	東引 AWCP
3	25°57'31 "N	119°57'47 "E	2015/09-2018/11(觀測中)	港研中心	東莒 AWCP
Y	26°22'36"N	120°31'53"E	2010/08-2018/11(觀測中)	中央氣象局	馬祖資料浮標

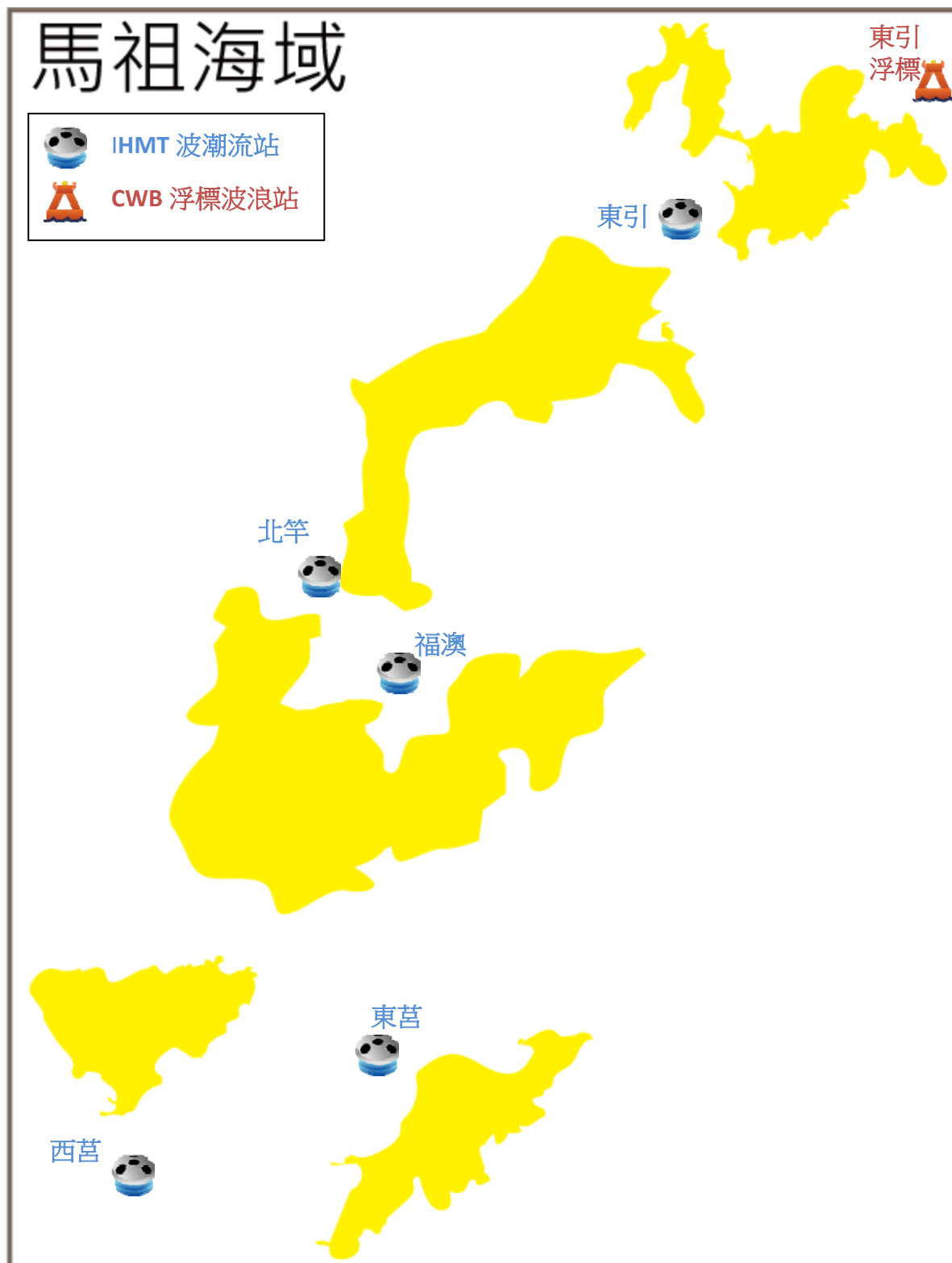


圖 VU1 馬祖海域波浪觀測站位置示意圖

第一章 2018 年 12 海域觀測波浪資料圖表

北苗海域(新北~苗栗)波浪之觀測包括測站 **X** 及測站 **Y** 等 2 個測站(測站位置如第 0 章圖 VP1)。本年報取經檢核及補遺之 **X 站** 資料作為主要測站 1，**Y 站** 資料作為主要測站 2。

北端海域(富貴角~龍洞)波浪觀測包括測站 **X**、測站 **Y**、測站 **Z** 及測站 **R** 等 4 個測站(測站位置如第 0 章圖 VK1)。本年報取經檢核及補遺之 **X 站** 資料作為主要測站 1，**Y 站** 資料作為主要測站 2。

宜蘭海域波浪之觀測包括測站 **X**、測站 **Y** 及測站 **Z** 等 3 個測站(測站位置如第 0 章圖 VS1)。本年報取經檢核及補遺之 **X 站** 資料作為主要測站 1，**Y 站** 資料作為主要測站 2。

花蓮海域波浪觀測包括測站 **X** 及測站 **Y** 等 2 個測站(測站位置如第 0 章圖 VL1)。本年報取經檢核及補遺之 **X 站** 資料作為主要測站 1，**Y 站** 資料作為主要測站 2。

臺東海域波浪觀測包括測站 **X**、測站 **Y**、測站 **Z** 及測站 **R** 等 4 個測站(測站位置如第 0 章圖 VJ1)。本年報取經檢核及補遺之 **Y 站** 資料作為主要測站 1，**X 站** 資料作為主要測站 2。

屏東海域波浪觀測包括測站 **Y**、測站 **Z** 及測站 **R** 等 3 個測站(測站位置如第 0 章圖 VJ1)。本年報取經檢核及補遺之 **Y 站** 資料作為主要測站 1，**Z 站** 資料作為主要測站 2。

高雄海域波浪觀測包括測站 **X** 及測站 **Z** 等 2 個測站(測站位置如第 0 章圖 VH1)。本年報取經檢核及補遺之 **X 站** 資料作為主要測站 1，**Z 站** 資料作為主要測站 2。

嘉南海域波浪觀測包括測站 **X**、測站 **Y**、測站 **Z**、測站 **A** 及測站 **U** 等 7 個測站(測站位置如第 0 章圖 VB1)。本年報取經檢核及補遺之 **X 站** 資料作為主要測站 1，**A 站** 資料作為主要測站 2。

中雲海域波浪觀測包括測站 **X** 及測站 **U** 等 2 個測站(測站位置如第 O 章圖 VG1)。本年報取經檢核及補遺之 **X 站** 資料作為主要測站 1，**Y 站** 資料作為主要測站 2。

澎湖海域波浪觀測包括測站 **X**、測站 **Y**、測站 **R** 及測站 **A** 等 4 個測站(測站位置如第 O 章圖 VN1)。本年報取經檢核及補遺之 **Y 站** 資料作為主要測站 1，**X 站** 資料作為主要測站 2。

金門海域波浪觀測包括測站 **X**、測站 **Y** 及測站 **A** 等 3 個測站(測站位置如第 O 章圖 VM1)。本年報取經檢核及補遺之 **Y 站** 資料作為主要測站 1，**X 站** 資料作為主要測站 2。

馬祖海域波浪觀測包括測站 **X**、測站 **Y**、測站 **A**、測站 **2** 及測站 **3** 等 5 個測站(測站位置如第 O 章圖 VU1)。本年報取經檢核及補遺之 **Y 站** 資料作為主要測站 1，**X 站** 資料作為主要測站 2。

2018 年 12 海域**主要測站 1** 每月波浪資料修補前後記錄表，如表 1.1。2018 年 12 海域**主要測站 2** 每月波浪資料修補前後記錄表，如表 1.2。

本**波浪**年報資料處理之圖表包括：

1. 第二章：2018 年 12 海域**主要測站 1** 之每月(季)及整年風速及風向重要統計量統計表。
2. 第三章：2018 年 12 海域**主要測站 1** 修補前後每月波浪歷線比較圖。
3. 第四章：2018 年 12 海域**主要測站 1** 修補前後每月波高向量分佈圖。
4. 第五章：2018 年 12 海域**主要測站 2** 之每月(季)及整年示性波高週期及波向重要統計量統計表。

5. 第六章：2018 年 12 海域**主要測站 2** 修補前後每月波浪歷線比較圖。
6. 第七章：2018 年 12 海域**主要測站 2** 修補前後每月波高向量分佈圖。

表 1.1a 2018 年每月 12 個海域波浪主要觀測 1 站修補前資料紀錄表

海域	北苗海域	北端海域	宜蘭海域	花蓮海域	臺東海域	屏東海域	高雄海域	嘉南海域	中雲海域	澎湖海域	金門海域	馬祖海域
年月/測站	X	X	X	X	Y	Y	X	X	X	Y	Y	Y
2017/12 月	211(28.4%)	742(99.7%)	521(70.0%)	744(100%)	727(97.7%)	735(98.8%)	*	721(96.9%)	58(7.8%)	693(93.1%)	709(95.3%)	125(16.8%)
2018/ 1 月	713(95.8%)	737(99.1%)	146(19.6%)	744(100%)	735(98.8%)	738(99.2%)	*	713(95.8%)	599(80.5%)	694(93.3%)	714(96.0%)	*
2018/ 2 月	640(95.2%)	667(99.3%)	607(90.3%)	671(99.9%)	659(98.1%)	663(98.7%)	*	644(95.8%)	*	638(94.9%)	629(93.6%)	*
2018/ 3 月	632(84.9%)	738(99.2%)	681(91.5%)	633(85.1%)	732(98.4%)	730(98.1%)	*	695(93.4%)	*	688(92.5%)	712(95.7%)	*
2018/ 4 月	698(96.9%)	711(98.8%)	657(91.3%)	*	710(98.6%)	683(94.9%)	*	598(83.1%)	*	645(89.6%)	694(96.4%)	296(41.1%)
2018/ 5 月	719(96.6%)	743(99.9%)	727(97.7%)	*	729(98.0%)	683(91.8%)	*	*	*	676(90.9%)	732(98.4%)	739(99.3%)
2018/ 6 月	710(98.6%)	713(99.0%)	701(97.4%)	*	692(96.1%)	280(38.9%)	*	*	61(8.5%)	684(95.0%)	713(99.0%)	720(100%)
2018/ 7 月	734(98.7%)	739(99.3%)	739(99.3%)	*	696(93.5%)	*	*	311(41.8%)	744(100%)	744(100%)	724(97.3%)	744(100%)
2018/ 8 月	741(99.6%)	498(66.9%)	155(20.8%)	395(53.1%)	721(96.9%)	664(89.2%)	527(70.8%)	741(99.6%)	732(98.4%)	742(99.7%)	736(98.9%)	740(99.5%)
2018/ 9 月	691(96.0%)	*	699(97.1%)	709(98.5%)	689(95.7%)	693(96.3%)	169(23.5%)	693(96.3%)	671(93.2%)	715(99.3%)	696(96.7%)	717(99.6%)
2018/10 月	692(93.0%)	174(23.4%)	*	740(99.5%)	736(98.9%)	707(95.0%)	649(87.2%)	688(92.5%)	740(99.5%)	741(99.6%)	726(97.6%)	744(100%)
2018/11 月	709(98.5%)	*	*	712(98.9%)	718(99.7%)	713(99.0%)	653(90.7%)	646(89.7%)	703(97.6%)	643(89.3%)	699(97.1%)	714(99.2%)

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表 1.1b 2018 年每月 12 個海域波浪主要觀測 1 站修補後資料紀錄表

海域	北苗海域	北端海域	宜蘭海域	花蓮海域	臺東海域	屏東海域	高雄海域	嘉南海域	中雲海域	澎湖海域	金門海域	馬祖海域
年月/測站	X	X	X	X	Y	Y	X	X	X	Y	Y	Y
2017/12 月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 1 月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 2 月	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)
2018/ 3 月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 4 月	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)
2018/ 5 月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 6 月	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)
2018/ 7 月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 8 月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 9 月	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)
2018/10 月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/11 月	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)

表 1.2a 2018 年每月 12 個海域波浪主要觀測 2 站修補前資料紀錄表

海域	北苗海域	北端海域	宜蘭海域	花蓮海域	臺東海域	屏東海域	高雄海域	嘉南海域	中雲海域	澎湖海域	金門海域	馬祖海域
年月/測站	Y	Y	Y	Y	X	Z	Z	A	Y	X	X	X
2017/12 月	740(99.5%)	744(100%)	744(100%)	739(99.3%)	744(100%)	741(99.6%)	715(96.1%)	743(99.9%)	*	744(100%)	226(30.4%)	744(100%)
2018/ 1 月	729(98.0%)	323(43.4%)	744(100%)	741(99.6%)	744(100%)	741(99.6%)	714(96.0%)	740(99.5%)	*	744(100%)	352(47.3%)	738(99.2%)
2018/ 2 月	660(98.2%)	167(24.9%)	672(100%)	669(99.6%)	672(100%)	671(99.9%)	634(94.3%)	664(98.8%)	*	672(100%)	507(75.4%)	672(100%)
2018/ 3 月	730(98.1%)	651(87.5%)	744(100%)	742(99.7%)	222(29.8%)	741(99.6%)	689(92.6%)	725(97.4%)	*	744(100%)	505(67.9%)	732(98.4%)
2018/ 4 月	710(98.6%)	719(99.9%)	720(100%)	718(99.7%)	*	720(100%)	670(93.1%)	698(96.9%)	*	720(100%)	701(97.4%)	711(98.8%)
2018/ 5 月	713(95.8%)	739(99.3%)	744(100%)	742(99.7%)	404(54.3%)	741(99.6%)	720(96.8%)	671(90.2%)	*	687(92.3%)	681(91.5%)	727(97.7%)
2018/ 6 月	718(99.7%)	713(99.0%)	719(99.9%)	720(100%)	720(100%)	718(99.7%)	707(98.2%)	678(94.2%)	*	697(96.8%)	223(31.0%)	719(99.9%)
2018/ 7 月	734(98.7%)	737(99.1%)	744(100%)	743(99.9%)	732(98.4%)	744(100%)	738(99.2%)	725(97.4%)	*	699(94.0%)	741(99.6%)	702(94.4%)
2018/ 8 月	740(99.5%)	740(99.5%)	412(55.4%)	739(99.3%)	743(99.9%)	743(99.9%)	738(99.2%)	744(100%)	*	14(1.9%)	744(100%)	743(99.9%)
2018/ 9 月	720(100%)	714(99.2%)	715(99.3%)	720(100%)	472(65.6%)	719(99.9%)	709(98.5%)	711(98.8%)	*	720(100%)	434(60.3%)	701(97.4%)
2018/10 月	739(99.3%)	739(99.3%)	739(99.3%)	742(99.7%)	740(99.5%)	743(99.9%)	730(98.1%)	358(48.1%)	*	648(87.1%)	*	735(98.8%)
2018/11 月	715(99.3%)	713(99.0%)	713(99.0%)	717(99.6%)	539(74.9%)	717(99.6%)	714(99.2%)	717(99.6%)	*	491(68.2%)	*	715(99.3%)

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表 1.2b 2018 年每月 12 個海域波浪主要觀測 2 站修補後資料紀錄表

海域	北苗海域	北端海域	宜蘭海域	花蓮海域	臺東海域	屏東海域	高雄海域	嘉南海域	中雲海域	澎湖海域	金門海域	馬祖海域
年月/測站	Y	Y	Y	Y	X	Z	Z	A	Y	X	X	X
2017/12 月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 1 月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 2 月	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)
2018/ 3 月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 4 月	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)
2018/ 5 月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 6 月	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)
2018/ 7 月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 8 月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 9 月	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)
2018/10 月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/11 月	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)

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第二章 2018 年 12 海域波浪**主要測站 1** 修補前後波浪統計量統計表

(北苗海域)

(北端海域)

(宜蘭海域)

(花蓮海域)

(臺東海域)

(屏東海域)

(高雄海域)

(嘉南海域)

(中雲海域)

(澎湖海域)

(金門海域)

(馬祖海域)

表2.1a 2017年12月12個海域主要測站1修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	
北苗(X)	28%	1.42	3.3/10.0/NNE	7.3	37.5	4.7	57.3	36.0	1.9	15.2	63.0	19.4	2.4	28%	39.8	5.2	10.0	45.0	NNW/18%
北端(X)	100%	2.08	5.7/10.8/NE	8.1	11.1	.0	29.8	56.2	14.0	3.2	42.2	50.0	4.6	100%	100.0	.0	.0	.0	NE/72%
宜蘭(X)	70%	1.84	2.9/ 9.0/E	9.1	11.1	.0	23.6	76.4	.0	.0	11.1	76.8	12.1	70%	94.8	5.2	.0	.0	ENE/78%
花蓮(X)	100%	1.77	3.1/10.8/E	8.9	12.0	.0	33.1	66.5	.4	.5	18.8	72.3	8.3	100%	22.3	77.7	.0	.0	E/65%
臺東(Y)	98%	2.16	4.1/ 8.6/ENE	7.1	8.9	.0	17.6	72.1	10.3	5.9	84.7	9.4	.0	98%	51.6	47.6	.8	.0	ENE/33%
屏東(Y)	99%	1.00	1.5/ 5.8/W	5.6	7.2	.0	100.0	.0	.0	80.8	19.2	.0	.0	99%	.0	41.4	26.8	31.8	W/26%
高雄(X)	0																		
嘉南(X)	97%	.66	1.6/ 6.2/SW	6.9	9.9	10.8	89.0	.1	.0	28.3	47.4	24.3	.0	97%	.0	.6	99.4	.0	SW/44%
中雲(X)	8%	2.23	3.2/ 8.2/N	7.5	8.9	.0	5.2	89.7	5.2	.0	75.9	24.1	.0	8%	43.1	.0	.0	56.9	N/97%
澎湖(Y)	93%	2.05	4.1/ 6.8/NNW	5.3	7.0	1.4	19.2	70.1	9.2	86.9	13.1	.0	.0	93%	76.0	.0	.0	24.0	N/70%
金門(Y)	95%	1.62	3.5/ 6.8/E	5.7	7.4	1.3	42.3	55.1	1.3	66.9	33.1	.0	.0	95%	29.9	70.1	.0	.0	E/66%
馬祖(Y)	17%	2.72	4.5/ 7.3/NE	6.3	7.6	.0	.8	72.0	27.2	16.8	83.2	.0	.0	17%	72.0	28.0	.0	.0	ENE/40%

表2.1b 2017年12月12個海域主要測站1修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	
北苗(X)	100%	2.87	7.8/12.2/NNE	8.5	37.5	1.3	16.9	37.9	43.8	4.3	28.2	57.5	9.9	100%	82.7	1.5	2.8	13.0	NNE/46%
北端(X)	100%	2.08	5.7/10.8/NE	8.1	11.1	.0	29.8	56.2	14.0	3.2	42.2	50.0	4.6	100%	99.9	.0	.0	.1	NE /72%
宜蘭(X)	100%	1.72	2.9/ 9.0/E	8.7	11.1	.0	37.9	62.1	.0	.0	24.2	67.3	8.5	100%	66.7	33.3	.0	.0	ENE/55%
花蓮(X)	100%	1.77	3.1/10.8/E	8.9	12.0	.0	33.1	66.5	.4	.5	18.8	72.3	8.3	100%	22.3	77.7	.0	.0	E /65%
臺東(Y)	100%	2.15	4.1/ 8.6/ENE	7.1	8.9	.0	17.2	72.7	10.1	5.9	84.9	9.1	.0	100%	51.2	48.0	.8	.0	E /33%
屏東(Y)	100%	1.00	1.5/ 5.8/W	5.6	7.2	.0	100.0	.0	.0	81.0	19.0	.0	.0	100%	.0	40.9	26.9	32.3	W /26%
高雄(X)	100%	.79	1.1/ 8.9/W	7.5	9.8	.0	100.0	.0	.0	1.5	68.0	30.5	.0	100%	.3	.8	64.7	34.3	W /50%
嘉南(X)	100%	.66	1.6/ 6.2/SW	6.8	9.9	10.5	89.4	.1	.0	29.2	47.3	23.5	.0	100%	.0	.5	96.5	3.0	SW /43%
中雲(X)	100%	3.62	8.3/11.1/NNE	8.0	12.0	.0	.5	33.2	66.3	.4	48.0	49.2	2.4	100%	95.3	.0	.0	4.7	NNE/53%
澎湖(Y)	100%	2.06	4.1/ 6.8/NNW	5.3	7.0	1.3	19.0	70.6	9.1	87.4	12.6	.0	.0	100%	77.6	.0	.1	22.3	N /65%
金門(Y)	100%	1.62	3.5/ 6.8/E	5.7	7.4	1.3	42.6	54.8	1.2	68.3	31.7	.0	.0	100%	31.6	68.4	.0	.0	E /65%
馬祖(Y)	100%	1.91	4.5/ 7.3/NE	5.5	7.6	.0	31.6	60.1	8.3	86.0	14.0	.0	.0	100%	25.8	4.8	67.2	2.2	WSW/35%

表2.2a 2018年1月12個海域主要測站1修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集率	H_s 平均 (m)	H_s 最大 (波高/週期/波向) (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
北苗(X)	96%	1.70	5.0/ 9.6/NW	7.4	10.3	3.2	41.8	46.8	8.1	11.2	55.3	31.4	2.1	96%	30.7	2.0	9.3	58.1	NNW/26%
北端(X)	99%	1.81	5.0/ 9.1/ENE	7.9	10.3	.1	39.5	49.7	10.7	3.4	49.1	43.8	3.7	99%	99.9	.1	.0	.0	NE /70%
宜蘭(X)	20%	1.68	2.4/ 8.8/ENE	9.2	11.3	.0	25.3	74.7	.0	.0	2.7	80.8	16.4	20%	97.3	2.7	.0	.0	ENE/82%
花蓮(X)	100%	1.51	2.6/ 9.7/E	8.5	11.1	.0	55.8	44.2	.0	.0	27.2	66.9	5.9	100%	39.4	60.6	.0	.0	E /67%
臺東(Y)	99%	1.63	2.8/ 7.1/E	6.4	7.8	.0	44.1	55.9	.0	24.2	75.8	.0	.0	99%	40.1	59.9	.0	.0	E /32%
屏東(Y)	99%	.91	1.7/ 6.6/W	5.5	7.4	.7	98.8	.5	.0	78.7	21.3	.0	.0	99%	.0	43.1	26.7	30.2	W /25%
高雄(X)	0																		
嘉南(X)	96%	.57	3.3/ 6.8/S	6.7	9.8	24.4	75.5	.0	.1	34.8	45.2	20.1	.0	96%	.0	.7	99.3	.0	SW /45%
中雲(X)	81%	1.99	4.4/10.0/N	7.1	10.0	.2	16.5	80.5	2.8	11.4	70.5	17.7	.5	81%	23.9	.0	.0	76.1	N /81%
澎湖(Y)	93%	1.66	3.8/ 7.1/NNW	5.0	7.1	4.2	35.4	56.2	4.2	93.4	6.6	.0	.0	93%	77.8	.0	.0	22.2	N /67%
金門(Y)	96%	1.33	3.3/ 6.8/E	5.4	6.8	4.1	59.8	35.9	.3	86.8	13.2	.0	.0	96%	19.3	80.4	.3	.0	E /73%
馬祖(Y)	0																		

表2.2b 2018年1月12個海域主要測站1修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	
北苗(X)	100%	1.69	5.0/ 9.6/NW	7.4	10.3	3.4	41.4	47.3	7.9	12.8	55.1	30.1	2.0	100%	32.3	1.9	8.9	57.0	NNW/24%
北端(X)	100%	1.81	5.0/ 9.1/ENE	7.9	10.3	.1	39.2	50.0	10.6	3.4	49.2	43.8	3.6	100%	99.7	.1	.0	.1	NE /69%
宜蘭(X)	100%	1.44	2.8/10.4/ESE	8.7	11.3	.0	68.1	31.9	.0	.0	14.1	82.5	3.4	100%	26.2	73.7	.1	.0	ESE/35%
花蓮(X)	100%	1.51	2.6/ 9.7/E	8.5	11.1	.0	55.8	44.2	.0	.0	27.2	66.9	5.9	100%	39.4	60.6	.0	.0	E /67%
臺東(Y)	100%	1.63	2.8/ 7.1/E	6.3	7.8	.0	44.1	55.9	.0	24.6	75.4	.0	.0	100%	40.3	59.7	.0	.0	E /33%
屏東(Y)	100%	.91	1.7/ 6.6/W	5.5	7.4	.7	98.8	.5	.0	78.9	21.1	.0	.0	100%	.0	42.7	26.7	30.5	W /25%
高雄(X)	100%	.77	1.1/ 8.0/W	7.9	9.2	.0	100.0	.0	.0	2.0	54.4	43.5	.0	100%	2.6	4.3	77.8	15.3	W /37%
嘉南(X)	100%	.57	3.3/ 6.8/S	6.7	9.8	24.6	75.3	.0	.1	34.8	46.0	19.2	.0	100%	.0	.7	96.1	3.2	SW /44%
中雲(X)	100%	2.11	4.7/ 8.8/N	7.3	10.0	.1	14.8	77.2	7.9	9.7	63.3	26.6	.4	100%	38.2	.0	.0	61.8	N /77%
澎湖(Y)	100%	1.66	3.8/ 7.1/NNW	5.0	7.1	4.2	35.6	56.0	4.2	93.4	6.6	.0	.0	100%	78.4	.0	.0	21.6	N /63%
金門(Y)	100%	1.32	3.3/ 6.8/E	5.4	6.8	3.9	60.3	35.5	.3	87.4	12.6	.0	.0	100%	20.2	79.6	.3	.0	E /72%
馬祖(Y)	100%	1.72	5.1/ 5.4/E	5.3	7.4	1.6	47.7	40.6	10.1	99.2	.8	.0	.0	100%	76.5	4.2	14.1	5.2	ENE/46%

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表2.3a 2018年2月12個海域主要測站1修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集率	H_s 平均 (m)	H_s 最大 (波高/週期/波向) (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
北苗(X)	95%	1.66	5.2/10.7/NNW	7.4	10.7	6.9	42.8	41.9	8.4	16.4	46.6	36.1	.9	95%	28.4	.8	7.0	63.8	NNW/27%
北端(X)	99%	1.76	4.3/ 9.8/NE	8.1	10.3	5.2	42.6	39.4	12.7	3.4	38.7	56.2	1.6	99%	100.0	.0	.0	.0	NE /65%
宜蘭(X)	90%	1.45	2.4/ 9.7/ENE	8.8	11.1	.0	57.2	42.8	.0	1.2	20.9	70.5	7.4	90%	80.7	19.3	.0	.0	ENE/64%
花蓮(X)	100%	1.50	2.9/10.9/E	8.7	11.4	.0	57.1	42.9	.0	.4	22.4	68.1	9.1	100%	48.8	51.2	.0	.0	E /63%
臺東(Y)	98%	1.54	2.7/ 7.1/ENE	6.3	7.7	.0	46.9	53.1	.0	25.8	74.2	.0	.0	98%	35.1	64.2	.8	.0	E /34%
屏東(Y)	99%	.95	2.1/ 7.1/WSW	5.5	7.2	1.2	93.8	5.0	.0	74.7	25.3	.0	.0	99%	.0	44.6	15.1	40.3	W /30%
高雄(X)	0																		
嘉南(X)	96%	.64	3.6/12.7/S	6.7	12.7	15.4	84.3	.2	.2	34.5	45.0	19.4	1.1	96%	.0	4.0	96.0	.0	WSW/36%
中雲(X)	0																		
澎湖(Y)	95%	1.49	3.1/ 6.3/NNW	5.0	6.9	13.9	32.8	53.0	.3	98.9	1.1	.0	.0	95%	74.0	.0	1.7	24.3	N /64%
金門(Y)	94%	1.28	2.9/ 7.0/E	5.5	7.0	6.8	55.5	37.7	.0	81.7	18.3	.0	.0	94%	18.4	80.9	.6	.0	E /62%
馬祖(Y)	0																		

表2.3b 2018年2月12個海域主要測站1修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	
北苗(X)	100%	1.73	5.2/10.7/NNW	7.4	10.7	6.5	41.2	41.1	11.2	15.9	44.9	38.1	1.0	100%	31.5	.7	6.8	60.9	NNW/26%
北端(X)	100%	1.76	4.3/9.8/NE	8.1	10.3	5.2	42.7	39.4	12.6	3.4	38.8	56.1	1.6	100%	100.0	.0	.0	.0	NE/65%
宜蘭(X)	100%	1.45	2.4/9.7/ENE	8.8	11.1	.0	56.0	44.0	.0	1.0	20.5	70.5	7.9	100%	75.6	24.4	.0	.0	ENE/58%
花蓮(X)	100%	1.50	2.9/10.9/E	8.7	11.4	.0	57.1	42.9	.0	.4	22.5	68.0	9.1	100%	48.7	51.3	.0	.0	E/63%
臺東(Y)	100%	1.54	3.0/6.8/E	6.3	7.7	.0	46.7	53.1	.1	25.4	74.6	.0	.0	100%	35.4	63.8	.7	.0	E/35%
屏東(Y)	100%	.94	2.1/7.1/WSW	5.5	7.2	1.2	93.9	4.9	.0	75.0	25.0	.0	.0	100%	.0	44.0	15.6	40.3	W/31%
高雄(X)	100%	.77	1.2/7.7/WSW	6.7	7.7	.0	100.0	.0	.0	2.7	97.3	.0	.0	100%	.0	3.9	65.3	30.8	W/41%
嘉南(X)	100%	.63	3.6/12.7/S	6.6	12.7	17.0	82.7	.1	.1	36.8	43.6	18.6	1.0	100%	.0	3.9	92.4	3.7	WSW/35%
中雲(X)	100%	1.99	4.4/10.4/NNE	7.2	10.4	1.6	27.5	59.2	11.6	7.7	74.3	17.9	.1	100%	97.8	.0	.6	1.6	NNE/56%
澎湖(Y)	100%	1.51	3.3/5.7/ENE	5.0	6.9	13.5	32.7	52.8	.9	99.0	1.0	.0	.0	100%	74.6	.4	1.9	23.1	N/61%
金門(Y)	100%	1.27	2.9/7.0/E	5.4	7.0	6.7	56.4	36.9	.0	82.9	17.1	.0	.0	100%	18.6	80.8	.6	.0	E/59%
馬祖(Y)	100%	1.50	4.0/5.4/E	5.3	5.7	14.7	34.4	44.9	4.5	100.0	.0	.0	.0	100%	93.9	6.1	.0	.0	ENE/50%

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表2.4a 2018年3月12個海域主要測站1修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 H_s		H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比)
	蒐集	平均																	
北苗(X)	85%	1.08	3.7/ 7.1/NNW	7.0	11.4	23.3	52.2	23.4	1.1	35.4	30.1	29.9	4.6	85%	58.7	1.1	2.8	37.3	NNE/27%
北端(X)	99%	1.25	3.6/10.1/NE	7.7	12.2	6.8	63.6	25.5	4.2	25.1	29.3	32.0	13.7	99%	99.7	.3	.0	.0	NE /55%
宜蘭(X)	92%	1.31	2.1/11.2/ENE	8.7	12.3	.0	72.0	28.0	.0	12.5	19.5	37.4	30.5	91%	63.1	36.9	.0	.0	E /44%
花蓮(X)	85%	1.22	2.7/10.2/ENE	9.0	12.3	.0	82.9	17.1	.0	7.7	21.0	30.8	40.4	85%	25.4	74.6	.0	.0	ESE/52%
臺東(Y)	98%	1.24	3.2/ 8.8/ENE	6.2	8.8	.0	79.5	20.2	.3	32.4	66.8	.8	.0	98%	22.4	75.7	1.9	.0	E /37%
屏東(Y)	98%	.70	1.4/ 4.8/SE	5.0	7.3	14.2	85.8	.0	.0	92.5	7.5	.0	.0	98%	.4	68.4	11.5	19.7	SE /35%
高雄(X)	0																		
嘉南(X)	93%	.60	3.8/ 7.1/SW	6.0	9.5	26.6	73.1	.0	.3	47.8	47.5	4.7	.0	93%	.0	10.8	89.2	.0	SW /35%
中雲(X)	0																		
澎湖(Y)	93%	.99	3.1/ 6.5/N	4.7	6.5	24.7	54.1	21.1	.1	99.6	.4	.0	.0	93%	71.4	.1	4.7	23.8	N /58%
金門(Y)	96%	.92	3.0/ 7.0/E	5.2	7.4	19.2	66.7	13.9	.1	91.7	8.3	.0	.0	96%	12.4	86.7	1.0	.0	E /57%
馬祖(Y)	0																		

表2.4b 2018年3月12個海域主要測站1修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	
北苗(X)	100%	1.20	3.7/ 7.1/NNW	7.1	11.4	19.8	50.9	26.3	3.0	30.6	35.3	30.1	3.9	100%	64.1	.9	2.4	32.5	NNE/29%
北端(X)	100%	1.25	3.7/ 9.2/N	7.7	12.2	6.7	63.4	25.4	4.4	24.9	29.3	32.3	13.6	100%	99.6	.3	.0	.1	NE /55%
宜蘭(X)	100%	1.31	2.2/ 9.6/E	8.8	12.3	.0	72.0	28.0	.0	11.4	18.8	41.3	28.5	100%	58.7	41.3	.0	.0	E /42%
花蓮(X)	100%	1.21	2.7/10.2/ENE	9.0	12.3	.0	85.3	14.7	.0	6.6	17.9	41.0	34.5	100%	21.6	78.4	.0	.0	ESE/49%
臺東(Y)	100%	1.24	3.2/ 8.8/ENE	6.2	8.8	.0	79.8	19.9	.3	32.9	66.3	.8	.0	100%	22.4	75.7	1.9	.0	E /37%
屏東(Y)	100%	.70	1.4/ 4.8/SE	5.0	7.3	14.0	86.0	.0	.0	92.6	7.4	.0	.0	100%	.4	67.2	11.4	21.0	SE /34%
高雄(X)	100%	.69	1.3/ 6.2/WNW	6.3	7.9	11.6	88.4	.0	.0	23.5	76.5	.0	.0	100%	.3	.1	80.2	19.4	SSW/26%
嘉南(X)	100%	.59	3.8/ 7.1/SW	6.0	9.5	29.6	70.2	.0	.3	51.2	44.4	4.4	.0	100%	.0	11.4	84.8	3.8	SW /32%
中雲(X)	100%	1.40	3.7/ 8.5/NNE	6.8	9.0	.5	62.0	35.1	2.4	9.4	80.1	10.5	.0	100%	95.2	.3	.0	4.6	NNE/57%
澎湖(Y)	100%	.99	3.1/ 6.5/N	4.7	6.5	24.5	54.8	20.6	.1	99.6	.4	.0	.0	100%	68.3	.1	6.2	25.4	N /57%
金門(Y)	100%	.92	3.0/ 7.0/E	5.2	7.4	19.2	67.2	13.4	.1	92.1	7.9	.0	.0	100%	12.9	86.1	.9	.0	E /55%
馬祖(Y)	100%	1.49	4.7/ 5.7/ENE	5.5	6.2	1.2	60.3	34.7	3.8	74.9	25.1	.0	.0	100%	99.7	.3	.0	.0	ENE/68%

表2.5a 2018年4月12個海域主要測站1修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 H_s		H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比)
	蒐集	平均																	
北苗(X)	97%	.75	4.1/ 8.0/NW	6.5	12.6	46.1	42.4	10.5	1.0	49.9	26.5	15.2	8.5	97%	26.4	.4	6.7	66.5	NW /20%
北端(X)	99%	.89	4.3/ 9.8/NE	7.8	12.0	24.9	60.9	12.2	2.0	17.4	36.6	33.8	12.2	99%	99.6	.4	.0	.0	ENE/60%
宜蘭(X)	91%	1.12	2.0/10.0/ENE	8.9	12.7	.0	83.9	16.1	.0	7.0	21.2	48.2	23.6	91%	40.7	58.7	.6	.0	E /40%
花蓮(X)	0																		
臺東(Y)	99%	1.17	3.1/ 6.9/ENE	6.3	10.0	.0	81.0	18.9	.1	42.5	46.8	10.6	.1	99%	31.1	66.3	2.5	.0	E /33%
屏東(Y)	95%	.59	1.3/ 5.3/S	4.5	6.7	28.0	72.0	.0	.0	99.0	1.0	.0	.0	95%	.3	71.7	11.6	16.4	SSE/36%
高雄(X)	0																		
嘉南(X)	83%	.50	1.3/ 4.5/SSE	5.2	14.0	48.2	51.8	.0	.0	81.1	15.6	2.2	1.2	83%	.0	16.6	83.4	.0	SW /25%
中雲(X)	0																		
澎湖(Y)	90%	.70	3.9/ 7.0/NNW	4.5	7.0	53.3	35.3	10.7	.6	98.9	1.1	.0	.0	90%	48.5	.5	21.7	29.3	N /38%
金門(Y)	96%	.74	2.9/ 7.1/ENE	4.8	7.3	45.2	44.8	9.9	.0	96.7	3.3	.0	.0	96%	17.0	75.5	7.5	.0	E /36%
馬祖(Y)	41%	1.02	2.9/ 6.2/ENE	5.1	6.4	2.4	85.8	11.8	.0	94.6	5.4	.0	.0	41%	47.0	52.0	.7	.3	E /29%

表2.5b 2018年4月12個海域主要測站1修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	
北苗(X)	100%	.79	5.4/11.6/N	6.5	12.6	45.7	41.9	10.4	1.9	49.7	26.5	15.1	8.6	100%	28.1	.4	6.5	65.0	NW /20%
北端(X)	100%	.89	4.3/ 9.8/NE	7.8	12.0	24.7	61.3	12.1	1.9	17.2	36.7	34.0	12.1	100%	99.6	.4	.0	.0	ENE/59%
宜蘭(X)	100%	1.11	2.0/10.0/ENE	8.8	12.7	.0	84.9	15.1	.0	6.7	25.0	46.8	21.5	100%	37.4	62.1	.6	.0	E /37%
花蓮(X)	100%	.99	2.7/ 7.5/ESE	7.0	8.5	.0	93.3	6.7	.0	.0	96.8	3.2	.0	100%	1.1	96.5	1.3	1.1	ESE/57%
臺東(Y)	100%	1.17	3.1/ 6.9/ENE	6.3	10.0	.0	81.1	18.8	.1	42.8	46.7	10.4	.1	100%	30.7	66.8	2.5	.0	E /33%
屏東(Y)	100%	.59	1.3/ 5.3/S	4.5	6.7	28.2	71.8	.0	.0	99.0	1.0	.0	.0	100%	.4	70.6	13.5	15.6	SSE/36%
高雄(X)	100%	.41	1.3/ 6.0/W	5.3	7.2	75.6	24.4	.0	.0	86.5	13.5	.0	.0	100%	.4	.4	80.4	18.8	SW /30%
嘉南(X)	100%	.48	1.3/ 4.5/SSE	5.1	14.0	56.5	43.5	.0	.0	84.2	13.1	1.8	1.0	100%	.0	13.9	80.1	6.0	SW /23%
中雲(X)	100%	1.61	7.0/11.3/NNE	6.5	11.3	.0	62.2	29.4	8.3	22.2	72.2	5.1	.4	100%	91.4	.0	.0	8.6	NNE/60%
澎湖(Y)	100%	.70	4.5/ 6.5/NE	4.5	7.0	53.6	35.6	10.0	.8	98.8	1.3	.0	.0	100%	49.4	4.3	19.9	26.4	N /35%
金門(Y)	100%	.74	2.9/ 7.1/ENE	4.8	7.3	44.9	45.1	10.0	.0	96.8	3.2	.0	.0	100%	16.4	76.4	7.2	.0	E /35%
馬祖(Y)	100%	1.08	3.3/ 5.2/ENE	5.0	6.4	1.0	84.4	14.3	.3	97.8	2.2	.0	.0	100%	77.2	22.4	.3	.1	ENE/57%

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表2.6a 2018年5月12個海域主要測站1修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集率	H_s 平均 (m)	H_s 最大 (波高/週期/波向) (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
北苗(X)	97%	.73	2.3/ 6.8/NNE	5.7	11.3	38.2	54.4	7.4	.0	59.4	23.4	14.2	3.1	97%	12.4	.0	30.6	57.0	W /26%
北端(X)	100%	.67	2.5/ 8.2/ENE	8.3	11.9	52.6	39.2	8.2	.0	11.8	26.6	43.9	17.6	100%	99.7	.0	.1	.1	ENE/57%
宜蘭(X)	98%	.87	1.7/ 8.4/ENE	8.8	12.2	7.7	91.1	1.2	.0	9.4	9.8	57.6	23.2	98%	36.0	59.0	5.0	.1	SE /22%
花蓮(X)	0																		
臺東(Y)	98%	.77	2.0/ 5.0/ESE	6.0	9.6	24.7	72.7	2.6	.0	49.8	48.3	1.9	.0	98%	24.1	71.3	4.5	.0	ESE/33%
屏東(Y)	92%	.41	1.1/ 4.3/SSE	4.3	7.2	70.1	29.9	.0	.0	99.7	.3	.0	.0	92%	2.3	45.5	32.8	19.3	SSE/21%
高雄(X)	0																		
嘉南(X)	0																		
中雲(X)	0																		
澎湖(Y)	91%	.47	2.5/ 5.6/N	4.2	6.8	78.3	14.1	7.7	.0	98.2	1.8	.0	.0	91%	30.5	1.0	26.2	42.3	W /23%
金門(Y)	98%	.61	2.2/ 5.4/ENE	4.0	6.2	54.6	38.7	6.7	.0	99.5	.5	.0	.0	98%	16.3	29.2	54.5	.0	SSW/29%
馬祖(Y)	99%	1.16	3.3/ 6.1/NNE	4.9	8.3	8.7	67.0	23.8	.5	87.4	11.9	.7	.0	99%	40.7	21.8	37.1	.4	ENE/22%

表2.6b 2018年5月12個海域主要測站1修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	來向/%
北苗(X)	100%	.72	2.3/ 6.8/NNE	5.7	11.3	37.9	54.8	7.3	.0	59.7	23.5	13.8	3.0	100%	13.8	.0	29.6	56.6	W /25%
北端(X)	100%	.67	2.5/ 8.2/ENE	8.3	11.9	52.7	39.1	8.2	.0	11.8	26.7	43.8	17.6	100%	99.7	.0	.1	.1	ENE/57%
宜蘭(X)	100%	.87	2.0/10.0/ESE	8.8	15.1	7.8	90.5	1.7	.0	9.1	11.2	56.5	23.3	100%	35.2	59.8	4.8	.1	SE /22%
花蓮(X)	100%	.70	1.6/ 6.7/ESE	6.9	9.4	15.1	84.4	.5	.0	.0	96.1	3.9	.0	100%	7.7	84.4	3.5	4.4	SE /48%
臺東(Y)	100%	.77	2.0/ 5.0/ESE	6.0	9.6	24.2	73.0	2.8	.0	49.6	48.3	2.2	.0	100%	23.8	71.4	4.7	.1	ESE/32%
屏東(Y)	100%	.40	1.1/ 4.3/SSE	4.3	7.2	71.5	28.5	.0	.0	99.7	.3	.0	.0	100%	2.2	42.1	37.5	18.3	SSE/19%
高雄(X)	100%	.25	.6/ 4.1/WNW	4.3	7.3	97.6	2.4	.0	.0	96.1	3.9	.0	.0	100%	.3	.1	77.6	22.0	SW /33%
嘉南(X)	100%	.31	1.7/ 6.0/WNW	4.7	7.6	82.7	17.2	.1	.0	89.0	11.0	.0	.0	100%	1.1	9.7	72.8	16.4	W /20%
中雲(X)	100%	.84	2.1/ 6.9/N	5.0	7.9	13.8	78.9	7.3	.0	73.4	26.6	.0	.0	100%	31.0	.1	3.8	65.1	N /38%
澎湖(Y)	100%	.47	2.5/ 5.6/N	4.3	6.8	78.1	14.8	7.1	.0	98.4	1.6	.0	.0	100%	30.2	6.7	24.1	39.0	W /21%
金門(Y)	100%	.61	2.2/ 5.4/ENE	4.0	6.2	54.2	39.2	6.6	.0	99.5	.5	.0	.0	100%	16.5	29.3	54.2	.0	SSW/29%
馬祖(Y)	100%	1.16	3.3/ 6.1/NNE	4.9	8.3	8.6	67.1	23.8	.5	87.4	12.0	.7	.0	100%	41.1	21.6	36.8	.4	ENE/22%

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表2.7a 2018年6月12個海域主要測站1修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集率	H_s 平均 (m)	H_s 最大 (波高/週期/波向) (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
北苗(X)	99%	.85	2.3/ 7.9/N	5.7	10.1	21.8	68.6	9.6	.0	62.1	26.5	11.3	.1	99%	21.4	.3	29.0	49.3	W /24%
北端(X)	99%	.79	2.9/ 7.2/NE	7.0	14.5	35.3	51.2	13.5	.0	24.8	44.6	27.9	2.7	99%	99.0	.7	.0	.3	ENE/56%
宜蘭(X)	97%	1.06	2.2/ 9.8/ESE	7.7	10.5	1.9	77.7	20.4	.0	15.7	35.7	46.6	2.0	97%	28.8	44.4	26.1	.7	S /15%
花蓮(X)	0																		
臺東(Y)	96%	.92	2.5/ 6.7/S	5.8	8.9	20.5	68.1	11.4	.0	54.8	44.4	.9	.0	96%	14.5	75.7	9.8	.0	SE /23%
屏東(Y)	39%	1.09	2.6/ 7.2/S	5.9	7.5	25.4	51.1	23.6	.0	40.7	59.3	.0	.0	39%	.7	15.4	71.1	12.9	SSW/32%
高雄(X)	0																		
嘉南(X)	0																		
中雲(X)	9%	.39	.6/ 4.5/W	3.7	5.1	86.9	13.1	.0	.0	100.0	.0	.0	.0	9%	.0	.0	21.3	78.7	WNW/38%
澎湖(Y)	95%	.74	2.8/ 5.9/N	4.7	6.1	35.4	57.2	7.5	.0	99.7	.3	.0	.0	95%	38.7	.0	40.6	20.6	N /31%
金門(Y)	99%	.98	3.8/ 6.3/S	4.7	6.7	11.4	76.0	12.1	.6	95.5	4.5	.0	.0	99%	18.7	40.8	40.5	.0	E /21%
馬祖(Y)	100%	1.36	3.6/ 7.4/ENE	5.0	7.5	1.8	71.1	25.1	1.9	85.7	14.3	.0	.0	100%	46.0	24.6	29.3	.1	ENE/23%

表2.7b 2018年6月12個海域主要測站1修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	
北苗(X)	100%	.85	2.3/ 7.9/N	5.7	10.1	21.8	68.8	9.4	.0	62.2	26.5	11.1	.1	100%	21.1	.3	28.6	50.0	W /24%
北端(X)	100%	.79	2.9/ 7.2/NE	7.0	14.5	35.3	51.3	13.5	.0	24.6	45.0	27.8	2.6	100%	99.0	.7	.0	.3	ENE/55%
宜蘭(X)	100%	1.06	2.2/ 9.8/ESE	7.7	10.7	1.8	78.3	19.9	.0	15.4	35.7	46.7	2.2	100%	28.9	44.3	26.1	.7	S /15%
花蓮(X)	100%	1.08	2.5/ 9.8/ESE	7.9	11.6	.0	80.3	19.7	.0	.1	61.7	33.1	5.1	100%	2.5	97.2	.0	.3	ESE/47%
臺東(Y)	100%	.92	2.5/ 6.7/S	5.7	8.9	19.7	68.3	11.9	.0	55.3	43.9	.8	.0	100%	13.9	76.7	9.4	.0	SE /24%
屏東(Y)	100%	1.28	4.5/ 7.1/SW	5.8	7.5	20.0	44.0	33.1	2.9	52.6	47.4	.0	.0	100%	.3	6.1	88.2	5.4	SW /39%
高雄(X)	100%	1.07	3.7/10.0/SW	7.9	10.5	17.1	59.4	22.9	.6	19.0	27.9	49.3	3.8	100%	.0	.4	91.3	8.3	SW /44%
嘉南(X)	100%	.95	3.3/ 7.6/SW	6.0	8.9	17.1	69.4	13.2	.3	46.4	51.0	2.6	.0	100%	1.8	.0	94.4	3.8	SW /47%
中雲(X)	100%	.88	2.4/ 8.4/NNE	6.0	9.2	19.6	71.4	9.0	.0	37.5	61.1	1.4	.0	100%	32.4	.0	5.1	62.5	N /42%
澎湖(Y)	100%	.73	2.8/ 5.9/N	4.7	6.1	35.6	57.4	7.1	.0	99.7	.3	.0	.0	100%	36.9	.0	41.7	21.4	WSW/31%
金門(Y)	100%	.98	3.8/ 6.3/S	4.7	6.7	11.8	75.7	11.9	.6	95.6	4.4	.0	.0	100%	18.5	41.1	40.4	.0	S /21%
馬祖(Y)	100%	1.36	3.6/ 7.4/ENE	5.0	7.5	1.8	71.1	25.1	1.9	85.7	14.3	.0	.0	100%	46.0	24.6	29.3	.1	ENE/23%

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表2.8a 2018年7月12個海域主要測站1修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集率	H_s 平均 (m)	H_s 最大 (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
北苗(X)	99%	.82	4.9/ 8.4/W	6.1	12.8	28.5	63.1	6.8	1.6	53.4	26.3	17.6	2.7	99%	14.7	.3	36.1	48.9	W /33%
北端(X)	99%	.69	5.6/16.7/ENE	8.3	17.0	36.8	59.5	2.3	1.4	10.7	30.4	47.0	11.9	99%	98.6	1.4	.0	.0	ENE/68%
宜蘭(X)	99%	1.20	6.0/15.3/ENE	8.6	17.1	11.5	67.7	18.0	2.8	3.4	43.4	37.3	15.8	99%	28.5	51.5	18.7	1.4	ESE/17%
花蓮(X)	0																		
臺東(Y)	94%	1.07	4.0/13.0/ESE	6.5	13.0	9.6	72.1	18.0	.3	35.9	51.3	9.3	3.4	94%	15.8	65.9	18.1	.1	ESE/28%
屏東(Y)	0																		
高雄(X)	0																		
嘉南(X)	42%	.84	1.7/ 8.9/SSW	7.9	9.4	11.9	87.8	.3	.0	2.9	41.2	55.9	.0	42%	.0	4.2	95.8	.0	SSW/60%
中雲(X)	100%	.76	2.3/ 7.8/NNE	6.2	11.1	25.5	67.7	6.7	.0	36.8	52.6	10.1	.5	100%	37.8	.0	3.6	58.6	NNE/24%
澎湖(Y)	100%	.60	1.8/ 5.5/WSW	4.8	6.5	36.2	63.3	.5	.0	97.4	2.6	.0	.0	100%	12.5	.0	61.6	25.9	WSW/38%
金門(Y)	97%	.90	2.1/ 5.0/SSW	4.8	6.6	8.0	87.7	4.3	.0	95.2	4.8	.0	.0	97%	7.0	38.8	54.1	.0	S /27%
馬祖(Y)	100%	1.46	10.9/11.0/ENE	5.4	11.0	11.3	48.0	36.6	4.2	78.2	17.6	3.5	.7	100%	16.1	54.4	29.0	.4	E /26%

表2.8b 2018年7月12個海域主要測站1修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比)
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	來向/%
北苗(X)	100%	.82	4.9/ 8.4/W	6.1	12.8	28.2	63.4	6.7	1.6	54.0	25.9	17.3	2.7	100%	14.5	.3	35.9	49.3	W /33%
北端(X)	100%	.69	5.6/16.7/ENE	8.3	17.0	36.7	59.7	2.3	1.3	10.6	30.8	46.8	11.8	100%	98.7	1.3	.0	.0	ENE/67%
宜蘭(X)	100%	1.21	6.0/15.3/ENE	8.6	17.7	11.4	67.5	18.0	3.1	3.4	43.1	37.4	16.1	100%	28.2	51.9	18.5	1.3	ESE/17%
花蓮(X)	100%	1.16	3.3/ 9.6/WSW	9.6	16.5	.8	77.7	21.1	.4	.0	8.2	60.1	31.7	100%	4.4	94.5	1.1	.0	ESE/56%
臺東(Y)	100%	1.05	4.0/13.0/ESE	6.5	13.0	9.4	73.4	16.9	.3	35.8	52.2	8.9	3.2	100%	16.3	66.7	16.9	.1	ESE/29%
屏東(Y)	100%	1.16	2.2/ 6.2/SW	5.9	7.4	.0	81.6	18.4	.0	45.3	54.7	.0	.0	100%	.1	.5	98.8	.5	SW /42%
高雄(X)	100%	1.04	1.8/ 8.0/WSW	7.9	9.6	.0	89.9	10.1	.0	.7	51.2	48.1	.0	100%	.1	.0	96.4	3.5	WSW/42%
嘉南(X)	100%	.97	1.8/ 7.0/NNW	7.7	9.6	5.5	90.5	4.0	.0	5.4	50.9	43.7	.0	100%	.0	2.0	95.7	2.3	SSW/50%
中雲(X)	100%	.76	2.3/ 7.8/NNE	6.2	11.1	25.5	67.7	6.7	.0	36.8	52.6	10.1	.5	100%	37.8	.0	3.6	58.6	NNE/24%
澎湖(Y)	100%	.60	1.8/ 5.5/WSW	4.8	6.5	36.2	63.3	.5	.0	97.4	2.6	.0	.0	100%	12.5	.0	61.6	25.9	WSW/38%
金門(Y)	100%	.89	2.1/ 5.0/SSW	4.8	6.6	8.1	87.8	4.2	.0	95.3	4.7	.0	.0	100%	6.9	38.4	54.7	.0	S /28%
馬祖(Y)	100%	1.46	10.9/11.0/ENE	5.4	11.0	11.3	48.0	36.6	4.2	78.2	17.6	3.5	.7	100%	16.1	54.4	29.0	.4	E /26%

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表2.9a 2018年8月12個海域主要測站1修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比)
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	來向/%
北苗(X)	100%	.70	1.5/ 5.9/NNE	6.8	14.8	24.0	75.4	.5	.0	39.3	34.5	17.7	8.5	100%	5.4	.3	28.6	65.7	W /33%
北端(X)	67%	.60	1.4/ 7.1/NE	8.2	15.8	42.2	57.8	.0	.0	11.8	35.3	33.3	19.5	67%	99.2	.8	.0	.0	ENE/57%
宜蘭(X)	21%	.50	.7/ 7.7/NE	7.8	10.0	54.8	45.2	.0	.0	7.1	49.7	42.6	.6	21%	51.0	40.6	8.4	.0	ENE/29%
花蓮(X)	53%	1.05	2.7/ 8.4/SE	8.9	16.7	4.8	81.0	14.2	.0	13.4	23.3	35.4	27.8	53%	.0	100.0	.0	.0	ESE/52%
臺東(Y)	97%	.96	3.3/ 6.8/SSE	6.2	8.4	21.1	65.7	13.0	.1	38.7	60.2	1.1	.0	97%	16.8	72.7	10.5	.0	SSE/22%
屏東(Y)	89%	2.01	4.6/ 7.2/S	6.7	8.5	.0	28.5	60.8	10.7	9.8	86.0	4.2	.0	89%	.0	.6	99.4	.0	SSW/60%
高雄(X)	71%	1.76	4.0/ 9.0/WSW	8.9	10.6	.0	28.5	70.6	.9	.0	3.2	87.9	8.9	71%	.0	.0	100.0	.0	SSW/55%
嘉南(X)	100%	1.37	4.9/ 8.2/SSW	8.1	10.3	.4	56.0	42.6	.9	12.4	19.3	64.9	3.4	100%	.0	8.6	91.4	.0	S /51%
中雲(X)	98%	.70	15.5/ 6.1/WNW	6.4	32.7	39.6	55.5	.8	4.1	49.5	23.9	21.4	5.2	98%	20.8	5.9	11.9	61.5	WNW/16%
澎湖(Y)	100%	.65	2.0/ 4.9/NNW	5.2	7.1	31.8	64.8	3.4	.0	80.3	19.7	.0	.0	100%	4.4	.0	81.8	13.7	WSW/49%
金門(Y)	99%	.92	2.4/ 5.8/SSE	5.3	7.2	6.1	87.0	6.9	.0	78.5	21.5	.0	.0	99%	1.8	42.3	56.0	.0	S /35%
馬祖(Y)	100%	1.32	3.7/ 7.9/SE	5.6	9.4	4.3	54.7	40.3	.7	67.3	29.2	3.5	.0	100%	37.8	43.8	17.3	1.1	E /22%

表2.9b 2018年8月12個海域主要測站1修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比)
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	來向/%
北苗(X)	100%	.70	1.5/ 5.9/NNE	6.7	14.8	24.1	75.4	.5	.0	39.5	34.4	17.6	8.5	100%	5.6	.3	28.5	65.6	W /33%
北端(X)	100%	.67	2.3/11.8/N	8.3	15.8	35.6	63.6	.8	.0	9.7	36.3	33.7	20.3	100%	98.9	.8	.0	.3	ENE/50%
宜蘭(X)	100%	1.12	3.3/12.1/E	8.8	12.8	12.0	69.0	18.7	.4	1.5	23.0	60.6	14.9	100%	16.4	79.8	3.8	.0	SE /25%
花蓮(X)	100%	.91	2.7/ 8.4/SE	8.8	16.7	6.6	85.9	7.5	.0	7.1	34.0	36.6	22.3	100%	6.3	92.7	.9	.0	ESE/43%
臺東(Y)	100%	.95	3.3/ 6.8/SSE	6.2	8.9	21.4	65.9	12.6	.1	39.0	59.8	1.2	.0	100%	16.9	72.8	10.2	.0	SSE/22%
屏東(Y)	100%	1.89	4.6/ 7.2/S	6.5	8.5	.0	36.0	54.4	9.5	19.4	76.9	3.8	.0	100%	.0	.5	99.3	.1	SSW/55%
高雄(X)	100%	1.52	4.0/ 9.0/WSW	8.6	10.6	.0	47.8	51.3	.8	.3	18.7	74.3	6.7	100%	.0	.0	100.0	.0	SSW/51%
嘉南(X)	100%	1.37	4.9/ 8.2/SSW	8.1	10.3	.4	55.9	42.7	.9	12.5	19.5	64.7	3.4	100%	.0	8.6	91.4	.0	S /51%
中雲(X)	100%	.70	15.5/ 6.1/WNW	6.4	32.7	39.0	55.9	1.1	4.0	50.3	23.5	21.1	5.1	100%	21.0	5.8	12.1	61.2	NNW/17%
澎湖(Y)	100%	.65	2.0/ 4.9/NNW	5.2	17.4	31.9	64.7	3.4	.0	80.2	19.6	.0	.1	100%	4.7	.0	81.6	13.7	WSW/49%
金門(Y)	100%	.91	2.4/ 5.8/SSE	5.3	7.2	6.0	87.1	6.9	.0	78.8	21.2	.0	.0	100%	1.7	41.8	56.5	.0	S /35%
馬祖(Y)	100%	1.32	3.7/ 7.9/SE	5.6	9.4	4.3	55.0	40.1	.7	67.5	29.0	3.5	.0	100%	37.6	44.1	17.2	1.1	E /22%

表 2.10a 2018 年 9 月 12 個海域主要測站 1 修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集率	H_s 平均 (m)	H_s 最大 (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
北苗(X)	96%	1.25	4.3/ 9.0/NW	6.9	15.5	30.5	37.0	24.9	7.5	37.6	31.7	25.2	5.5	96%	11.9	.1	12.7	75.3	NNW/21%
北端(X)	0																		
宜蘭(X)	97%	1.76	7.4/16.3/SE	10.4	16.6	9.4	46.9	22.2	21.5	1.6	26.2	25.2	47.1	97%	41.3	50.7	7.6	.4	E /28%
花蓮(X)	99%	1.52	5.0/16.3/SE	10.4	16.5	11.0	49.2	27.2	12.6	.7	25.1	25.4	48.8	98%	13.0	87.0	.0	.0	ESE/55%
臺東(Y)	96%	1.70	10.4/13.1/S	7.7	13.7	20.0	42.8	18.3	18.9	23.4	36.6	23.2	16.8	96%	40.2	58.6	.9	.3	ENE/29%
屏東(Y)	96%	1.00	5.6/ 8.7/SSE	5.8	12.6	14.0	75.6	4.3	6.1	58.6	34.8	5.3	1.3	96%	.3	29.7	51.9	18.0	SW /20%
高雄(X)	24%	.62	1.1/ 8.0/SSW	6.7	8.5	23.7	76.3	.0	.0	26.0	68.6	5.3	.0	24%	.0	.0	99.4	.6	SW /59%
嘉南(X)	96%	.76	4.8/11.7/SSW	6.8	15.8	27.1	66.5	3.9	2.5	32.5	48.3	13.3	5.9	96%	.1	4.8	88.2	6.9	SSW/37%
中雲(X)	93%	1.67	6.7/ 4.9/S	6.9	15.5	17.6	28.6	45.6	8.2	27.1	45.2	22.7	5.1	93%	67.7	3.1	3.1	26.1	NNE/51%
澎湖(Y)	99%	1.02	2.7/ 5.9/NNW	4.9	6.7	32.9	38.0	29.1	.0	95.7	4.3	.0	.0	99%	16.6	.0	33.8	49.5	NNW/34%
金門(Y)	97%	1.09	3.0/ 6.5/ENE	5.1	9.5	22.6	49.9	27.4	.1	76.3	23.3	.4	.0	97%	25.3	46.0	28.7	.0	E /25%
馬祖(Y)	100%	2.00	5.2/ 8.7/ENE	5.7	10.4	4.0	41.3	26.8	27.9	60.3	33.6	5.9	.3	100%	51.0	39.7	8.9	.3	NE /24%

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表2.10b 2018年9月12個海域主要測站1修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
北苗(X)	100%	1.26	4.3/ 9.0/NW	6.9	15.5	30.0	36.0	26.8	7.2	36.8	31.5	26.4	5.3	100%	14.3	.1	12.4	73.2	NNW/20%
北端(X)	100%	1.40	4.6/12.7/NE	8.6	12.9	21.4	43.3	22.2	13.1	1.0	40.8	37.1	21.1	100%	96.9	1.8	.1	1.1	NE /48%
宜蘭(X)	100%	1.78	7.4/16.3/SE	10.5	17.7	9.4	45.8	23.1	21.7	1.5	25.6	24.6	48.3	100%	41.4	50.8	7.4	.4	E /27%
花蓮(X)	100%	1.52	5.0/16.3/SE	10.4	16.5	11.0	49.4	26.9	12.6	.7	25.0	25.7	48.6	100%	12.8	87.2	.0	.0	ESE/54%
臺東(Y)	100%	1.70	10.4/13.1/S	7.6	13.7	19.9	43.1	17.9	19.2	25.0	36.7	22.2	16.1	100%	42.1	56.8	.8	.3	E /29%
屏東(Y)	100%	1.00	5.6/ 8.7/SSE	5.8	12.6	14.7	74.9	4.6	5.8	60.0	33.6	5.1	1.3	100%	.3	28.6	51.1	20.0	SW /19%
高雄(X)	100%	.89	4.4/11.6/SSW	7.1	12.7	23.1	67.4	6.9	2.6	25.0	52.9	17.4	4.7	100%	.1	2.1	64.2	33.6	SW /28%
嘉南(X)	100%	.76	4.8/11.7/SSW	6.8	15.8	27.6	66.0	4.0	2.4	33.1	47.9	13.3	5.7	100%	.1	4.6	86.0	9.3	SSW/36%
中雲(X)	100%	1.59	6.7/ 4.9/S	6.9	15.5	21.1	28.8	42.5	7.6	31.4	42.8	21.1	4.7	100%	63.9	2.9	2.9	30.3	NNE/48%
澎湖(Y)	100%	1.02	2.7/ 5.9/NNW	4.9	6.7	32.9	37.9	29.2	.0	95.7	4.3	.0	.0	100%	17.2	.0	33.6	49.2	NNW/34%
金門(Y)	100%	1.09	3.0/ 6.5/ENE	5.1	9.5	22.2	50.1	27.5	.1	76.9	22.6	.4	.0	100%	24.7	47.5	27.8	.0	E /25%
馬祖(Y)	100%	2.00	5.2/ 8.7/ENE	5.7	10.4	4.0	41.5	26.7	27.8	60.4	33.5	5.8	.3	100%	51.0	39.9	8.9	.3	NE /24%

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表2.11a 2018年10月12個海域主要測站1修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	
北苗(X)	93%	1.53	5.6/10.2/NNW	7.1	13.0	1.2	55.3	39.0	4.5	22.5	56.1	13.0	8.4	93%	26.2	.0	3.3	70.5	NNW/28%
北端(X)	23%	1.53	2.5/ 8.1/NNE	7.1	9.4	.0	46.0	54.0	.0	9.2	77.0	13.8	.0	23%	100.0	.0	.0	.0	NE /67%
宜蘭(X)	0																		
花蓮(X)	100%	1.37	3.7/14.3/ESE	9.2	15.9	.1	65.8	31.9	2.2	3.2	31.5	37.0	28.2	99%	54.1	45.9	.0	.0	E /75%
臺東(Y)	99%	1.70	5.7/10.8/ENE	6.9	11.3	.0	55.8	31.1	13.0	20.5	61.3	14.5	3.7	99%	76.4	23.5	.1	.0	ENE/51%
屏東(Y)	95%	.61	2.2/10.1/SSE	4.9	10.3	44.4	53.6	2.0	.0	90.0	8.3	1.4	.3	95%	.1	30.0	27.7	42.1	W /23%
高雄(X)	87%	.64	1.4/12.1/WSW	6.1	15.1	26.8	73.2	.0	.0	66.7	16.9	5.7	10.6	87%	.0	.0	11.4	88.6	WNW/66%
嘉南(X)	93%	.58	1.7/14.3/WSW	5.8	14.3	30.8	69.0	.1	.0	61.0	31.1	6.7	1.2	93%	.0	.1	84.9	15.0	W /44%
中雲(X)	100%	1.91	3.5/ 8.3/NNE	7.1	12.2	.0	25.9	70.3	3.8	15.3	66.6	14.1	4.1	100%	99.7	.0	.0	.3	NNE/85%
澎湖(Y)	100%	1.38	3.1/ 6.1/NNW	4.8	7.3	4.5	55.7	39.5	.3	97.0	3.0	.0	.0	100%	54.1	.0	.0	45.9	N /46%
金門(Y)	98%	1.21	3.3/ 7.2/E	5.1	7.7	6.3	66.7	26.9	.1	87.7	12.3	.0	.0	98%	48.6	51.1	.1	.1	ENE/48%
馬祖(Y)	100%	1.88	4.4/10.0/E	5.6	10.1	.0	37.0	51.1	12.0	76.3	19.5	3.9	.3	100%	74.1	25.7	.1	.1	ENE/40%

2-21

表2.11b 2018年10月12個海域主要測站1修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	
北苗(X)	100%	1.59	5.6/10.2/NNW	7.1	13.0	1.1	52.0	41.4	5.5	21.0	56.6	13.8	8.6	100%	24.3	.0	3.1	72.6	NNW/31%
北端(X)	100%	1.70	3.7/ 9.9/NNE	8.0	12.2	.0	41.4	54.6	4.0	2.8	50.7	38.4	8.1	100%	99.6	.0	.0	.4	NNE/72%
宜蘭(X)	100%	1.51	3.4/14.1/ESE	9.4	15.2	.0	55.1	43.5	1.3	.0	24.9	44.2	30.9	100%	17.9	81.9	.1	.1	ESE/47%
花蓮(X)	100%	1.38	3.7/14.3/ESE	9.2	15.9	.1	65.5	32.3	2.2	3.2	31.3	37.4	28.1	100%	53.8	46.2	.0	.0	E /75%
臺東(Y)	100%	1.70	5.7/10.8/ENE	6.8	11.3	.0	56.2	30.9	12.9	20.8	61.0	14.5	3.6	100%	76.6	23.3	.1	.0	ENE/51%
屏東(Y)	100%	.61	2.2/10.1/SSE	4.9	10.3	43.7	54.4	1.9	.0	90.2	8.2	1.3	.3	100%	.1	28.5	27.7	43.7	W /24%
高雄(X)	100%	.63	1.4/12.1/WSW	6.1	15.1	25.3	74.7	.0	.0	61.3	24.2	5.2	9.3	100%	6.6	6.0	9.9	77.4	WNW/57%
嘉南(X)	100%	.58	1.7/14.3/WSW	5.9	14.3	33.5	66.4	.1	.0	58.2	34.5	6.2	1.1	100%	5.4	2.3	78.5	13.8	W /41%
中雲(X)	100%	1.91	3.5/ 8.3/NNE	7.1	12.2	.0	25.8	70.3	3.9	15.2	66.8	14.0	4.0	100%	99.7	.0	.0	.3	NNE/85%
澎湖(Y)	100%	1.39	3.8/ 6.4/NE	4.9	7.3	4.4	55.5	39.7	.4	96.6	3.4	.0	.0	100%	54.3	.0	.0	45.7	N /46%
金門(Y)	100%	1.21	3.3/ 7.2/E	5.1	7.7	6.2	67.2	26.5	.1	87.6	12.4	.0	.0	100%	48.7	51.1	.1	.1	ENE/48%
馬祖(Y)	100%	1.88	4.4/10.0/E	5.6	10.1	.0	37.0	51.1	12.0	76.3	19.5	3.9	.3	100%	74.1	25.7	.1	.1	ENE/40%

2-22

表2.12a 2018年11月12個海域主要測站1修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集率	H_s 平均 (m)	H_s 最大 (波高/週期/波向) (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
北苗(X)	99%	1.36	4.9/ 8.0/s	6.7	9.5	2.4	59.5	37.7	.4	25.5	62.5	12.0	.0	99%	34.2	.7	6.0	59.1	N /27%
北端(X)	0																		
宜蘭(X)	0																		
花蓮(X)	99%	1.22	2.6/ 9.2/E	8.5	25.3	3.2	76.4	20.4	.0	2.8	34.6	47.3	15.3	100%	38.7	58.8	1.5	1.0	E /54%
臺東(Y)	100%	1.36	3.5/ 8.5/NE	6.4	9.7	.0	65.9	32.5	1.7	30.8	65.0	4.2	.0	100%	57.1	42.6	.3	.0	ENE/44%
屏東(Y)	99%	.72	1.8/ 7.0/SW	5.0	7.5	9.4	88.4	2.2	.0	93.5	6.5	.0	.0	99%	.0	37.2	28.3	34.5	W /19%
高雄(X)	91%	.70	1.6/10.1/WSW	6.1	11.1	10.1	89.6	.3	.0	53.1	38.1	4.0	4.7	91%	.0	.0	40.6	59.4	W /60%
嘉南(X)	90%	.63	2.1/ 8.6/SW	6.4	38.1	18.4	81.0	.6	.0	53.7	34.8	6.3	5.1	90%	.0	1.2	94.6	4.2	SW /35%
中雲(X)	98%	1.69	3.7/ 8.9/NNE	6.8	9.7	.6	39.7	54.6	5.1	19.8	63.0	17.2	.0	98%	97.7	.0	.0	2.3	NNE/84%
澎湖(Y)	89%	1.25	3.9/ 7.1/NNW	4.8	7.1	9.6	62.7	25.7	2.0	96.3	3.7	.0	.0	89%	60.5	.0	.5	39.0	N /50%
金門(Y)	97%	1.08	3.6/ 6.9/E	4.9	7.6	9.4	78.0	9.9	2.7	93.6	6.4	.0	.0	97%	16.0	82.8	1.1	.0	E /67%
馬祖(Y)	99%	1.84	4.7/ 6.9/NE	5.3	7.1	.0	28.0	64.4	7.6	87.1	12.9	.0	.0	99%	77.3	22.7	.0	.0	ENE/38%

2-23

表2.12b 2018年11月12個海域主要測站1修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比)
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	來向/%
北苗(X)	100%	1.36	4.9/ 8.0/s	6.7	9.5	2.4	59.9	37.4	.4	25.3	62.8	11.9	.0	100%	34.2	.7	6.0	59.2	N /28%
北端(X)	100%	1.48	3.8/ 9.3/NE	8.0	9.8	1.4	56.8	39.3	2.5	.8	42.6	56.5	.0	100%	98.9	1.1	.0	.0	NE /56%
宜蘭(X)	100%	1.39	2.7/ 9.7/E	8.4	10.8	.0	73.1	26.9	.0	.0	28.5	69.9	1.7	100%	37.9	62.1	.0	.0	E /55%
花蓮(X)	100%	1.21	2.6/ 9.2/E	8.5	25.3	3.2	76.7	20.1	.0	2.8	34.6	47.5	15.1	100%	38.8	58.8	1.5	1.0	E /54%
臺東(Y)	100%	1.36	3.5/ 8.5/NE	6.4	9.7	.0	66.0	32.4	1.7	30.7	65.1	4.2	.0	100%	57.2	42.5	.3	.0	ENE/44%
屏東(Y)	100%	.72	1.8/ 7.0/SW	5.0	7.5	9.3	88.5	2.2	.0	93.6	6.4	.0	.0	100%	.0	36.8	28.1	35.1	W /19%
高雄(X)	100%	.68	1.6/10.1/WSW	6.1	11.1	13.8	86.0	.3	.0	53.1	39.0	3.6	4.3	100%	.1	.0	43.1	56.8	W /58%
嘉南(X)	100%	.60	2.1/ 8.6/SW	6.3	38.1	25.7	73.8	.6	.0	58.5	31.3	5.7	4.6	100%	.0	1.1	88.1	10.8	SW /31%
中雲(X)	100%	1.69	3.7/ 8.9/NNE	6.8	9.7	.6	40.1	54.2	5.1	19.3	63.8	16.9	.0	100%	97.8	.0	.0	2.2	NNE/84%
澎湖(Y)	100%	1.25	3.9/ 7.1/NNW	4.8	7.1	8.6	65.6	24.0	1.8	96.7	3.3	.0	.0	100%	64.7	.0	.4	34.9	N /45%
金門(Y)	100%	1.08	3.6/ 6.9/E	4.9	7.6	9.2	78.3	9.9	2.6	93.8	6.3	.0	.0	100%	16.5	82.4	1.1	.0	E /67%
馬祖(Y)	100%	1.85	4.7/ 6.9/NE	5.3	7.1	.0	27.9	64.6	7.5	87.2	12.8	.0	.0	100%	77.5	22.5	.0	.0	ENE/38%

2-24

表 2.13a 2018 年冬季 12 個海域主要測站 1 修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集 率	H_s 平均 (m)	H_s 最大 (波高/週期/波向) (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集 率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
北苗(X)	72%	1.64	5.2/10.7/NNW	7.4	37.5	4.9	44.3	43.4	7.4	13.9	52.7	31.7	1.7	72%	31.0	1.9	8.4	58.6	NNW/25%
北端(X)	99%	1.89	5.7/10.8/NE	8.0	11.1	1.7	37.1	48.7	12.5	3.4	43.5	49.8	3.4	99%	100.0	.0	.0	.0	NE/69%
宜蘭(X)	59%	1.64	2.9/ 9.0/E	8.9	11.3	.0	39.8	60.2	.0	.5	14.8	74.3	10.4	59%	88.4	11.6	.0	.0	ENE/72%
花蓮(X)	100%	1.59	3.1/10.8/E	8.7	12.0	.0	48.4	51.5	.1	.3	22.8	69.2	7.7	100%	36.4	63.6	.0	.0	E/65%
臺東(Y)	98%	1.78	4.1/ 8.6/ENE	6.6	8.9	.0	35.9	60.6	3.5	18.4	78.4	3.2	.0	98%	42.5	57.0	.5	.0	E/33%
屏東(Y)	99%	.95	2.1/ 7.1/WSW	5.5	7.4	.6	97.7	1.7	.0	78.2	21.8	.0	.0	99%	.0	43.0	23.1	33.9	W/27%
高雄(X)	0																		
嘉南(X)	96%	.63	3.6/12.7/S	6.8	12.7	16.9	82.9	.1	.1	32.4	45.9	21.3	.3	96%	.0	1.7	98.3	.0	SW/42%
中雲(X)	30%	2.01	4.4/10.0/N	7.1	10.0	.2	15.5	81.3	3.0	10.4	70.9	18.3	.5	30%	25.6	.0	.0	74.4	N/82%
澎湖(Y)	94%	1.74	4.1/ 6.8/NNW	5.1	7.1	6.3	29.0	60.0	4.7	92.9	7.1	.0	.0	94%	76.0	.0	.5	23.5	N/67%
金門(Y)	95%	1.41	3.5/ 6.8/E	5.5	7.4	3.9	52.4	43.1	.5	78.4	21.6	.0	.0	95%	22.7	77.0	.3	.0	E/67%
馬祖(Y)	6%	2.72	4.5/ 7.3/NE	6.3	7.6	.0	.8	72.0	27.2	16.8	83.2	.0	.0	6%	72.0	28.0	.0	.0	ENE/40%

表2.13b 2018年冬季12個海域主要測站1修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比)
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	來向/%
北苗(X)	100%	2.11	7.8/12.2/NNE	7.8	37.5	3.7	32.9	42.1	21.3	10.8	42.7	42.0	4.4	100%	49.4	1.4	6.2	43.1	N /27%
北端(X)	100%	1.89	5.7/10.8/NE	8.0	11.1	1.7	37.1	48.8	12.4	3.3	43.6	49.8	3.3	100%	99.9	.0	.0	.1	NE /69%
宜蘭(X)	100%	1.54	2.9/ 9.0/E	8.7	11.3	.0	53.9	46.1	.0	.3	19.6	73.6	6.5	100%	55.5	44.4	.0	.0	ENE/43%
花蓮(X)	100%	1.59	3.1/10.8/E	8.7	12.0	.0	48.4	51.5	.1	.3	22.8	69.1	7.7	100%	36.4	63.6	.0	.0	E /65%
臺東(Y)	100%	1.78	4.1/ 8.6/ENE	6.6	8.9	.0	35.6	60.8	3.5	18.4	78.4	3.1	.0	100%	42.5	56.9	.5	.0	E /34%
屏東(Y)	100%	.95	2.1/ 7.1/WSW	5.5	7.4	.6	97.7	1.7	.0	78.4	21.6	.0	.0	100%	.0	42.5	23.3	34.2	W /27%
高雄(X)	100%	.78	1.2/ 7.7/WSW	7.4	9.8	.0	100.0	.0	.0	2.0	72.5	25.5	.0	100%	1.0	3.0	69.4	26.7	W /43%
嘉南(X)	100%	.62	3.6/12.7/S	6.7	12.7	17.4	82.5	.1	.1	33.5	45.7	20.5	.3	100%	.0	1.6	95.1	3.3	SW /40%
中雲(X)	100%	2.59	8.3/11.1/NNE	7.5	12.0	.6	13.8	56.4	29.2	5.9	61.4	31.7	1.0	100%	76.4	.0	.2	23.4	N /55%
澎湖(Y)	100%	1.75	4.1/ 6.8/NNW	5.1	7.1	6.1	29.0	60.0	4.9	93.1	6.9	.0	.0	100%	76.9	.1	.6	22.3	N /63%
金門(Y)	100%	1.41	3.5/ 6.8/E	5.5	7.4	3.9	53.0	42.6	.5	79.4	20.6	.0	.0	100%	23.6	76.1	.3	.0	E /65%
馬祖(Y)	100%	1.72	5.1/ 5.4/E	5.4	7.6	5.1	38.0	48.7	7.7	94.9	5.1	.0	.0	100%	64.4	5.0	28.0	2.5	ENE/37%

表 2.14a 2018年春季12個海域主要測站1修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 H_s		H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比)
	蒐集	平均																	
北苗(X)	93%	.84	4.1/ 8.0/NW	6.4	12.6	36.3	49.6	13.4	.7	48.8	26.5	19.4	5.4	93%	31.4	.5	13.9	54.2	N /16%
北端(X)	99%	.94	4.3/ 9.8/NE	7.9	12.2	28.2	54.4	15.3	2.1	18.1	30.7	36.6	14.6	99%	99.7	.2	.0	.0	ENE/51%
宜蘭(X)	94%	1.09	2.1/11.2/ENE	8.8	12.7	2.7	82.5	14.8	.0	9.6	16.6	48.0	25.8	93%	46.4	51.6	1.9	.0	E /31%
花蓮(X)	29%	1.22	2.7/10.2/ENE	9.0	12.3	.0	82.9	17.1	.0	7.7	21.0	30.8	40.4	29%	25.4	74.6	.0	.0	ESE/52%
臺東(Y)	98%	1.06	3.2/ 8.8/ENE	6.2	10.0	8.3	77.7	13.9	.1	41.5	54.0	4.4	.0	98%	25.8	71.2	3.0	.0	E /32%
屏東(Y)	95%	.57	1.4/ 4.8/SE	4.6	7.3	36.9	63.1	.0	.0	96.9	3.1	.0	.0	95%	1.0	62.0	18.5	18.5	SSE/28%
高雄(X)	0																		
嘉南(X)	59%	.56	3.8/ 7.1/SW	5.7	14.0	36.6	63.3	.0	.2	63.2	32.7	3.6	.5	59%	.0	13.5	86.5	.0	SW /30%
中雲(X)	0																		
澎湖(Y)	91%	.72	3.9/ 7.0/NNW	4.5	7.0	51.9	34.6	13.2	.2	98.9	1.1	.0	.0	91%	50.3	.5	17.4	31.8	N /40%
金門(Y)	97%	.75	3.0/ 7.0/E	4.6	7.4	39.8	50.0	10.1	.0	96.0	4.0	.0	.0	97%	15.2	63.4	21.4	.0	E /35%
馬祖(Y)	47%	1.12	3.3/ 6.1/NNE	5.0	8.3	6.9	72.4	20.4	.4	89.5	10.0	.5	.0	47%	42.5	30.4	26.7	.4	ENE/23%

表2.14b 2018年春季12個海域主要測站1修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	
北苗(X)	100%	.90	5.4/11.6/N	6.4	12.6	34.3	49.3	14.7	1.6	46.6	28.5	19.7	5.1	100%	35.4	.5	12.9	51.2	N /18%
北端(X)	100%	.94	4.3/ 9.8/NE	7.9	12.2	28.1	54.5	15.3	2.1	18.0	30.8	36.7	14.4	100%	99.6	.2	.0	.1	ENE/50%
宜蘭(X)	100%	1.10	2.2/ 9.6/E	8.8	15.1	2.6	82.4	14.9	.0	9.1	18.3	48.2	24.5	100%	43.8	54.3	1.8	.0	E /30%
花蓮(X)	100%	.97	2.7/10.2/ENE	7.6	12.3	5.1	87.6	7.3	.0	2.2	70.0	16.2	11.6	100%	10.2	86.3	1.6	1.9	ESE/43%
臺東(Y)	100%	1.06	3.2/ 8.8/ENE	6.2	10.0	8.2	77.9	13.8	.1	41.8	53.8	4.4	.0	100%	25.6	71.3	3.0	.0	E /32%
屏東(Y)	100%	.56	1.4/ 4.8/SE	4.6	7.3	38.0	62.0	.0	.0	97.1	2.9	.0	.0	100%	1.0	59.8	20.9	18.3	SSE/28%
高雄(X)	100%	.45	1.3/ 6.0/W	5.3	7.9	61.4	38.6	.0	.0	68.5	31.5	.0	.0	100%	.3	.2	79.4	20.1	SW /25%
嘉南(X)	100%	.46	3.8/ 7.1/SW	5.3	14.0	56.3	43.6	.0	.1	74.7	22.9	2.1	.3	100%	.4	11.6	79.3	8.7	SW /24%
中雲(X)	100%	1.28	7.0/11.3/NNE	6.1	11.3	4.8	67.8	23.9	3.5	35.1	59.5	5.2	.1	100%	72.3	.1	1.3	26.3	NNE/41%
澎湖(Y)	100%	.72	4.5/ 6.5/NE	4.5	7.0	52.0	35.1	12.6	.3	98.9	1.1	.0	.0	100%	49.3	3.7	16.7	30.3	N /37%
金門(Y)	100%	.76	3.0/ 7.0/E	4.6	7.4	39.4	50.6	10.0	.0	96.1	3.9	.0	.0	100%	15.3	63.8	20.9	.0	E /34%
馬祖(Y)	100%	1.24	4.7/ 5.7/ENE	5.1	8.3	3.6	70.5	24.4	1.5	86.5	13.2	.2	.0	100%	72.6	14.7	12.5	.2	ENE/49%

表 2.15a 2018 年夏季 12 個海域主要測站 1 修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集率	H_s 平均 (m)	H_s 最大 (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
北苗(X)	99%	.79	4.9/ 8.4/W	6.2	14.8	24.8	69.1	5.6	.5	51.4	29.2	15.6	3.8	99%	13.7	.3	31.3	54.7	W /30%
北端(X)	88%	.70	5.6/16.7/ENE	7.8	17.0	37.6	56.1	5.8	.5	16.2	36.9	36.5	10.5	88%	98.9	1.0	.0	.1	ENE/61%
宜蘭(X)	72%	1.07	6.0/15.3/ENE	8.1	17.1	11.5	69.9	17.3	1.3	9.2	40.6	41.9	8.3	72%	30.8	47.3	21.0	.9	ENE/15%
花蓮(X)	18%	1.05	2.7/ 8.4/SE	8.9	16.7	4.8	81.0	14.2	.0	13.4	23.3	35.4	27.8	18%	.0	100.0	.0	.0	ESE/52%
臺東(Y)	96%	.98	4.0/13.0/ESE	6.2	13.0	17.1	68.6	14.1	.1	43.1	52.1	3.7	1.1	96%	15.7	71.5	12.8	.0	ESE/22%
屏東(Y)	43%	1.74	4.6/ 7.2/S	6.5	8.5	7.5	35.2	49.8	7.5	19.0	78.1	3.0	.0	43%	.2	5.0	91.0	3.8	SSW/52%
高雄(X)	24%	1.76	4.0/ 9.0/WSW	8.9	10.6	.0	28.5	70.6	.9	.0	3.2	87.9	8.9	24%	.0	.0	100.0	.0	SSW/55%
嘉南(X)	48%	1.21	4.9/ 8.2/SSW	8.1	10.3	3.8	65.4	30.1	.7	9.6	25.8	62.3	2.4	48%	.0	7.3	92.7	.0	SSW/50%
中雲(X)	70%	.72	15.5/ 6.1/WNW	6.2	32.7	34.7	59.7	3.6	2.0	45.3	36.8	15.1	2.7	70%	28.2	2.8	8.3	60.8	WNW/21%
澎湖(Y)	98%	.66	2.8/ 5.9/N	4.9	7.1	34.4	61.9	3.7	.0	92.3	7.7	.0	.0	98%	18.0	.0	61.9	20.1	WSW/40%
金門(Y)	98%	.93	3.8/ 6.3/S	4.9	7.2	8.5	83.6	7.7	.2	89.6	10.4	.0	.0	98%	9.1	40.6	50.3	.0	S /28%
馬祖(Y)	100%	1.38	10.9/11.0/ENE	5.3	11.0	5.9	57.8	34.1	2.3	77.0	20.4	2.4	.2	100%	33.2	41.1	25.2	.5	E /21%

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表2.15b 2018年夏季12個海域主要測站1修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比)
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	來向/%
北苗(X)	100%	.79	4.9/ 8.4/W	6.2	14.8	24.7	69.2	5.5	.5	51.8	29.0	15.4	3.8	100%	13.7	.3	31.0	55.0	W /30%
北端(X)	100%	.71	5.6/16.7/ENE	7.9	17.0	35.9	58.2	5.4	.5	14.9	37.3	36.2	11.7	100%	98.9	1.0	.0	.2	ENE/58%
宜蘭(X)	100%	1.13	6.0/15.3/ENE	8.4	17.7	8.5	71.5	18.8	1.2	6.7	33.9	48.2	11.2	100%	24.5	58.8	16.0	.7	SE /16%
花蓮(X)	100%	1.05	3.3/ 9.6/WSW	8.8	16.7	2.5	81.3	16.1	.1	2.4	34.3	43.3	19.9	100%	4.4	94.8	.7	.1	ESE/49%
臺東(Y)	100%	.98	4.0/13.0/ESE	6.2	13.0	16.8	69.2	13.9	.1	43.2	52.0	3.7	1.1	100%	15.7	72.0	12.2	.0	ESE/23%
屏東(Y)	100%	1.45	4.6/ 7.2/S	6.1	8.5	6.5	54.0	35.3	4.2	38.9	59.8	1.3	.0	100%	.1	2.4	95.5	2.0	SSW/40%
高雄(X)	100%	1.21	4.0/ 9.0/WSW	8.1	10.6	5.6	65.8	28.2	.5	6.5	32.7	57.3	3.5	100%	.0	.1	95.9	3.9	SW /42%
嘉南(X)	100%	1.10	4.9/ 8.2/SSW	7.3	10.3	7.6	72.0	20.1	.4	21.2	40.4	37.4	1.1	100%	.6	3.6	93.8	2.0	SSW/39%
中雲(X)	100%	.78	15.5/ 6.1/WNW	6.2	32.7	28.1	64.9	5.6	1.4	41.6	45.6	11.0	1.9	100%	30.3	1.9	7.0	60.7	N /21%
澎湖(Y)	100%	.66	2.8/ 5.9/N	4.9	17.4	34.5	61.8	3.6	.0	92.4	7.6	.0	.0	100%	17.8	.0	61.8	20.3	WSW/40%
金門(Y)	100%	.93	3.8/ 6.3/S	4.9	7.2	8.6	83.6	7.6	.2	89.8	10.2	.0	.0	100%	8.9	40.4	50.6	.0	S /28%
馬祖(Y)	100%	1.38	10.9/11.0/ENE	5.3	11.0	5.8	57.9	34.0	2.3	77.0	20.4	2.4	.2	100%	33.1	41.2	25.1	.5	E /21%

表 2.16a 2018年秋季12個海域主要測站1修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	
北苗(X)	96%	1.38	5.6/10.2/NNW	6.9	15.5	11.3	50.7	33.9	4.1	28.5	50.2	16.7	4.6	96%	24.2	.3	7.4	68.2	NNW/23%
北端(X)	8%	1.53	2.5/ 8.1/NNE	7.1	9.4	.0	46.0	54.0	.0	9.2	77.0	13.8	.0	8%	100.0	.0	.0	.0	NE /67%
宜蘭(X)	32%	1.76	7.4/16.3/SE	10.4	16.6	9.4	46.9	22.2	21.5	1.6	26.2	25.2	47.1	32%	41.3	50.7	7.6	.4	E /28%
花蓮(X)	99%	1.37	5.0/16.3/SE	9.4	25.3	4.7	63.9	26.6	4.9	2.3	30.4	36.6	30.7	99%	35.6	63.6	.5	.3	E /54%
臺東(Y)	98%	1.59	10.4/13.1/S	7.0	13.7	6.4	55.0	27.4	11.1	24.9	54.6	13.9	6.7	98%	58.3	41.2	.4	.1	ENE/42%
屏東(Y)	97%	.78	5.6/ 8.7/SSE	5.2	12.6	22.6	72.6	2.8	2.0	80.9	16.4	2.2	.5	97%	.1	32.3	35.9	31.7	W /18%
高雄(X)	67%	.66	1.6/10.1/WSW	6.2	15.1	19.0	80.8	.1	.0	56.0	32.3	4.9	6.8	67%	.0	.0	34.5	65.5	WNW/41%
嘉南(X)	93%	.66	4.8/11.7/SSW	6.4	38.1	25.6	72.0	1.6	.8	48.9	38.2	8.8	4.0	93%	.0	2.1	89.1	8.8	WSW/31%
中雲(X)	97%	1.76	6.7/ 4.9/S	7.0	15.5	5.8	31.4	57.2	5.6	20.5	58.6	17.8	3.0	97%	88.9	1.0	1.0	9.1	NNE/74%
澎湖(Y)	96%	1.22	3.9/ 7.1/NNW	4.9	7.3	15.7	51.8	31.7	.7	96.3	3.7	.0	.0	96%	43.3	.0	11.7	45.0	NNW/38%
金門(Y)	97%	1.13	3.6/ 6.9/E	5.0	9.5	12.7	64.9	21.5	1.0	85.9	14.0	.1	.0	97%	30.2	59.9	9.9	.0	E /45%
馬祖(Y)	100%	1.91	5.2/ 8.7/ENE	5.5	10.4	1.3	35.4	47.4	15.8	74.6	22.0	3.3	.2	100%	67.5	29.3	3.0	.1	ENE/33%

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表2.16b 2018年秋季12個海域主要測站1修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	
北苗(X)	100%	1.41	5.6/10.2/NNW	6.9	15.5	11.0	49.3	35.3	4.4	27.6	50.4	17.4	4.7	100%	24.3	.3	7.1	68.4	NNW/24%
北端(X)	100%	1.53	4.6/12.7/NE	8.2	12.9	7.5	47.1	38.9	6.5	1.6	44.8	44.0	9.7	100%	98.5	1.0	.0	.5	NE /41%
宜蘭(X)	100%	1.56	7.4/16.3/SE	9.4	17.7	3.1	58.0	31.3	7.6	.5	26.3	46.2	27.0	100%	32.2	65.1	2.5	.2	E /43%
花蓮(X)	100%	1.37	5.0/16.3/SE	9.4	25.3	4.7	63.9	26.5	4.9	2.2	30.3	36.9	30.6	100%	35.3	63.9	.5	.3	E /54%
臺東(Y)	100%	1.59	10.4/13.1/S	7.0	13.7	6.5	55.1	27.1	11.3	25.5	54.3	13.6	6.5	100%	58.8	40.7	.4	.1	ENE/41%
屏東(Y)	100%	.78	5.6/ 8.7/SSE	5.2	12.6	22.8	72.4	2.9	1.9	81.4	16.0	2.2	.5	100%	.1	31.3	35.5	33.1	W /18%
高雄(X)	100%	.73	4.4/11.6/SSW	6.4	15.1	20.7	76.0	2.4	.9	46.6	38.6	8.7	6.1	100%	2.3	2.7	38.7	56.2	WNW/35%
嘉南(X)	100%	.65	4.8/11.7/SSW	6.3	38.1	29.0	68.7	1.6	.8	50.0	37.9	8.4	3.8	100%	1.9	2.7	84.1	11.4	WSW/29%
中雲(X)	100%	1.73	6.7/ 4.9/S	6.9	15.5	7.1	31.5	55.8	5.5	21.9	57.9	17.3	2.9	100%	87.3	1.0	1.0	10.8	NNE/72%
澎湖(Y)	100%	1.22	3.9/ 7.1/NNW	4.9	7.3	15.2	53.0	31.0	.7	96.3	3.7	.0	.0	100%	45.5	.0	11.2	43.3	NNW/36%
金門(Y)	100%	1.13	3.6/ 6.9/E	5.0	9.5	12.5	65.2	21.3	1.0	86.1	13.7	.1	.0	100%	30.2	60.2	9.6	.0	E /45%
馬祖(Y)	100%	1.91	5.2/ 8.7/ENE	5.5	10.4	1.3	35.5	47.5	15.7	74.7	21.9	3.3	.2	100%	67.6	29.3	3.0	.1	ENE/33%

表 2.17a 2018 年整年 12 個海域主要測站 1 修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 H_s		H_s 最大 (m/s/來向)	T_p 平均	T_p 最大	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
	蒐集率	平均 (m)																	
北苗(X)	90%	1.13	5.6/10.2/NNW	6.7	37.5	20.3	54.2	22.6	2.9	37.2	38.7	20.1	4.0	90%	24.5	.7	15.9	58.9	NNW/17%
北端(X)	74%	1.20	5.7/10.8/NE	7.9	17.0	21.5	48.9	24.6	5.0	12.4	38.1	40.3	9.2	74%	99.6	.4	.0	.0	NE/46%
宜蘭(X)	64%	1.29	7.4/16.3/SE	8.8	17.1	5.4	64.8	26.7	3.0	6.4	24.2	49.4	20.0	64%	50.9	41.2	7.6	.3	ENE/32%
花蓮(X)	61%	1.42	5.0/16.3/SE	9.0	25.3	2.3	61.1	34.6	2.0	3.0	25.7	49.0	22.4	61%	32.1	67.6	.2	.1	E/54%
臺東(Y)	98%	1.35	10.4/13.1/S	6.5	13.7	7.9	59.4	28.9	3.7	32.0	59.7	6.3	2.0	98%	35.6	60.2	4.2	.0	E/26%
屏東(Y)	83%	.89	5.6/ 8.7/SSE	5.3	12.6	18.3	72.3	7.8	1.6	76.7	22.1	1.0	.2	83%	.4	40.4	34.3	24.9	SSE/19%
高雄(X)	23%	.95	4.0/ 9.0/WSW	6.9	15.1	14.0	67.0	18.7	.3	41.2	24.6	26.8	7.4	23%	.0	.0	51.8	48.2	WNW/30%
嘉南(X)	74%	.72	4.9/ 8.2/SSW	6.6	38.1	21.4	72.7	5.4	.4	40.1	37.6	20.5	1.9	74%	.0	5.1	92.1	2.8	SW/26%
中雲(X)	49%	1.43	15.5/ 6.1/WNW	6.7	32.7	15.2	39.1	41.8	3.9	27.8	52.7	16.9	2.5	49%	57.6	1.5	3.4	37.5	NNE/42%
澎湖(Y)	95%	1.08	4.1/ 6.8/NNW	4.8	7.3	27.1	44.7	26.8	1.4	95.1	4.9	.0	.0	95%	46.4	.1	23.5	30.0	N/39%
金門(Y)	97%	1.05	3.8/ 6.3/S	5.0	9.5	16.3	62.9	20.3	.4	87.6	12.4	.0	.0	97%	19.2	60.0	20.8	.0	E/40%
馬祖(Y)	63%	1.57	10.9/11.0/ENE	5.4	11.0	4.1	50.5	37.6	7.8	77.0	20.5	2.3	.2	63%	49.3	34.2	16.2	.3	ENE/26%

表2.17b 2018年整年12個海域主要測站1修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集率	H_s 平均 (m)	H_s 最大 (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
北苗(X)	100%	1.30	7.8/12.2/NNE	6.8	37.5	18.5	50.3	24.3	6.9	34.4	37.6	23.6	4.5	100%	30.6	.6	14.4	54.4	N /19%
北端(X)	100%	1.26	5.7/10.8/NE	8.0	17.0	18.4	49.3	27.0	5.3	9.5	39.1	41.6	9.8	100%	99.2	.5	.0	.2	NE /45%
宜蘭(X)	100%	1.33	7.4/16.3/SE	8.8	17.7	3.6	66.6	27.7	2.2	4.2	24.5	54.0	17.3	100%	38.9	55.7	5.1	.2	E /28%
花蓮(X)	100%	1.24	5.0/16.3/SE	8.6	25.3	3.1	70.4	25.2	1.3	1.8	39.5	41.2	17.5	100%	21.5	77.3	.7	.6	ESE/39%
臺東(Y)	100%	1.35	10.4/13.1/S	6.5	13.7	7.9	59.6	28.7	3.7	32.3	59.6	6.2	1.9	100%	35.6	60.3	4.1	.0	E /27%
屏東(Y)	100%	.93	5.6/ 8.7/SSE	5.3	12.6	17.1	71.4	10.0	1.5	73.9	25.1	.9	.1	100%	.3	33.9	43.9	21.8	SSE/16%
高雄(X)	100%	.79	4.4/11.6/SSW	6.8	15.1	22.1	69.9	7.7	.3	31.0	43.6	22.9	2.4	100%	.9	1.5	71.0	26.6	W /26%
嘉南(X)	100%	.71	4.9/ 8.2/SSW	6.4	38.1	27.6	66.6	5.5	.3	44.9	36.7	17.1	1.4	100%	.7	4.9	88.0	6.3	SW /27%
中雲(X)	100%	1.59	15.5/ 6.1/WNW	6.7	32.7	10.2	44.7	35.3	9.8	26.2	56.1	16.2	1.5	100%	66.5	.8	2.4	30.4	NNE/42%
澎湖(Y)	100%	1.08	4.5/ 6.5/NE	4.8	17.4	27.1	44.8	26.6	1.5	95.2	4.8	.0	.0	100%	47.2	1.0	22.7	29.1	N /37%
金門(Y)	100%	1.05	3.8/ 6.3/S	5.0	9.5	16.2	63.2	20.3	.4	87.9	12.1	.0	.0	100%	19.4	60.0	20.5	.0	E /39%
馬祖(Y)	100%	1.56	10.9/11.0/ENE	5.3	11.0	4.0	50.6	38.6	6.8	83.3	15.2	1.5	.1	100%	59.4	22.6	17.1	.8	ENE/35%

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第三章 2018 年 12 海域波浪**主要測站 1** 修補前後資料歷線比較圖

(北苗海域)

(北端海域)

(宜蘭海域)

(花蓮海域)

(臺東海域)

(屏東海域)

(高雄海域)

(嘉南海域)

(中雲海域)

(澎湖海域)

(金門海域)

(馬祖海域)

Twelve Seas Wave H_s at 2017/12

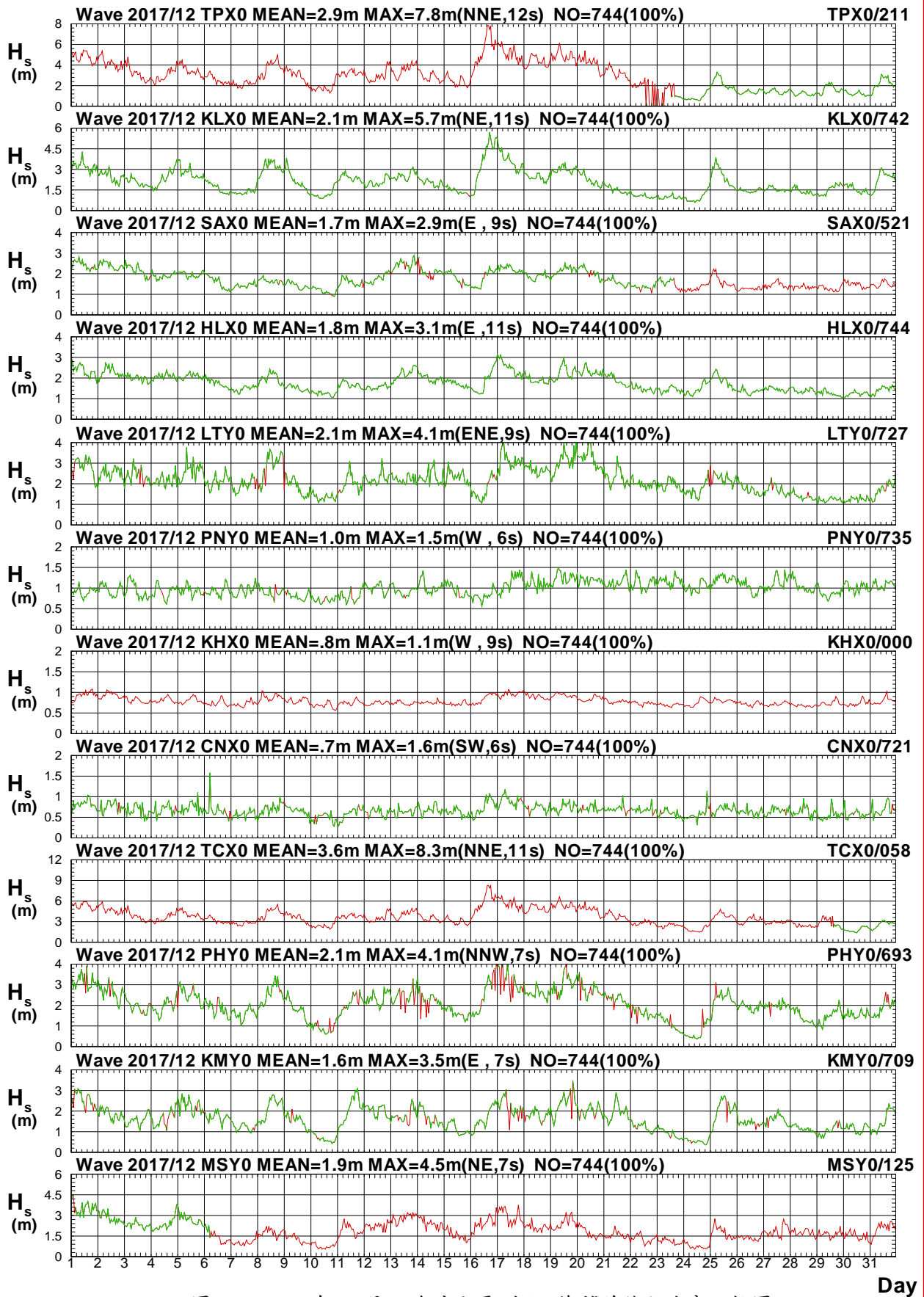


圖3.1 2017年12月12海域主要測站1修補前後之波高比較圖

V17CTPX0.1HA V17CTPX0.1H0 V17CKLX0.1HA V17CKLX0.1H0 V17CSAX0.1HA V17CSAX0.1H0
 V17CHLX0.1HA V17CHLX0.1H0 V17CLTY0.1HA V17CLTY0.1H0 V17CPNY0.1HA V17CPNY0.1H0

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Twelve Seas Wave T_p at 2017/12

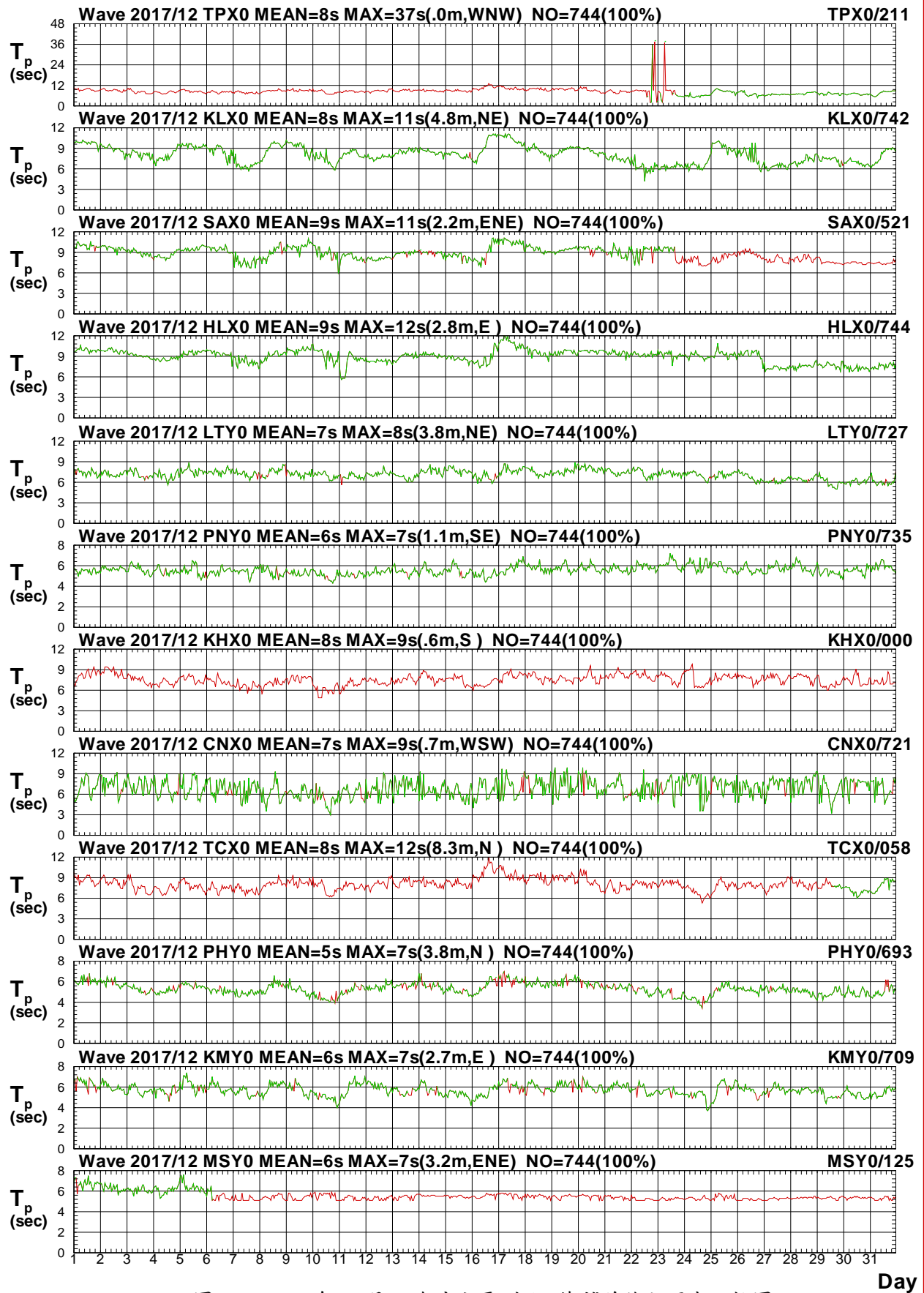


圖3.2 2017年12月12海域主要測站1修補前後之週期比較圖

V17CTPX0.1HA V17CTPX0.1H0 V17CKLX0.1HA V17CKLX0.1H0 V17CSAX0.1HA V17CSAX0.1H0
 V17CHLX0.1HA V17CHLX0.1H0 V17CLTY0.1HA V17CLTY0.1H0 V17CPNY0.1HA V17CPNY0.1H0

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Twelve Seas Wave Direction at 2017/12

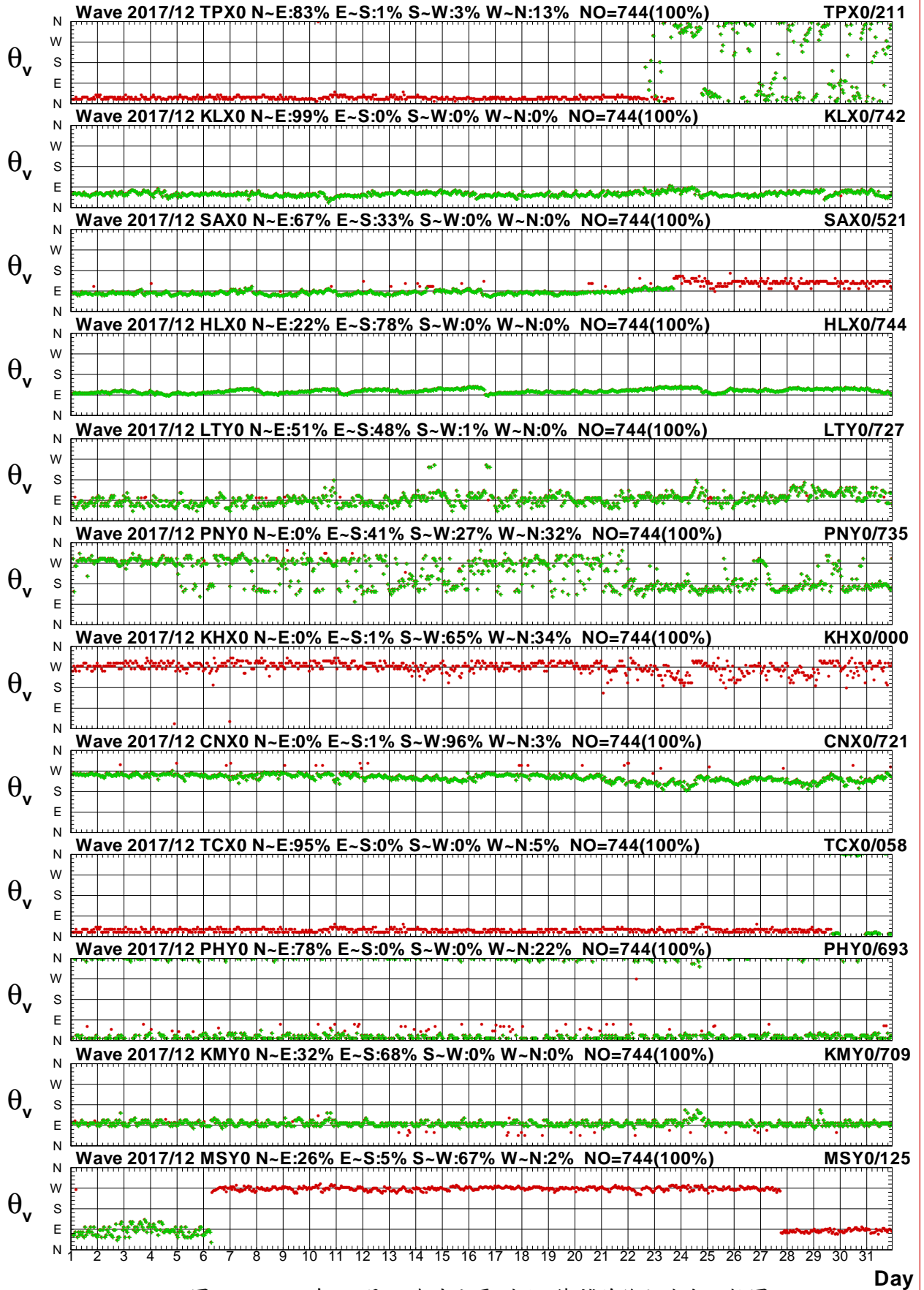


圖3.3 2017年12月12海域主要測站1修補前後之波向比較圖

V17CTPX0.1HA V17CTPX0.1H0 V17CKLX0.1HA V17CKLX0.1H0 V17CSAX0.1HA V17CSAX0.1H0
 V17CHLX0.1HA V17CHLX0.1H0 V17CLTY0.1HA V17CLTY0.1H0 V17CPNY0.1HA V17CPNY0.1H0

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Twelve Seas Wave H_s at 2018/01

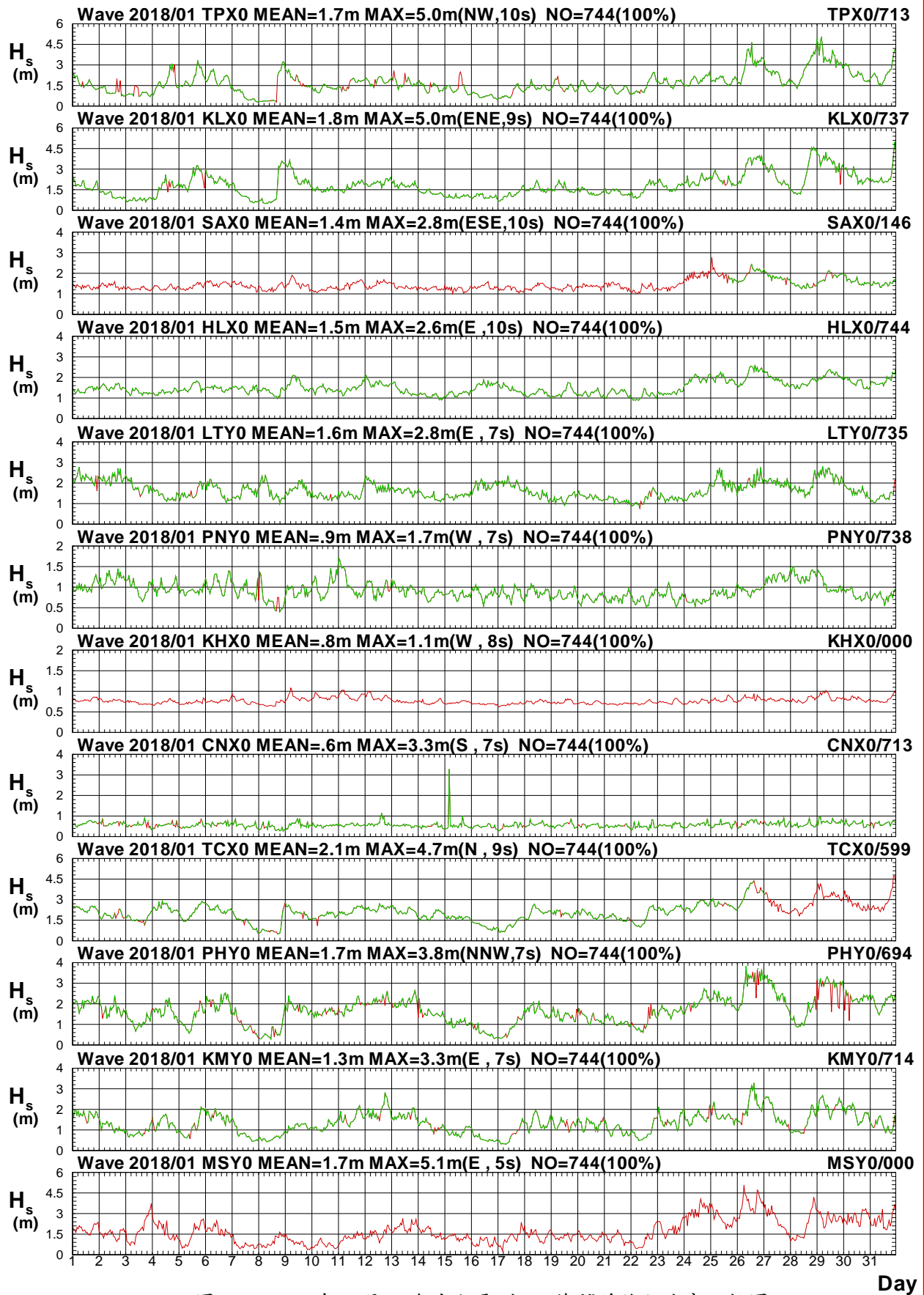


圖3.4 2018年1月12海域主要測站1修補前後之波高比較圖

V181TPX0.1HA V181TPX0.1HO V181KLX0.1HA V181KLX0.1HO V181SAX0.1HA V181SAX0.1HO
 V181HLX0.1HA V181HLX0.1HO V181LTY0.1HA V181LTY0.1HO V181PNY0.1HA V181PNY0.1HO

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Twelve Seas Wave T_p at 2018/01

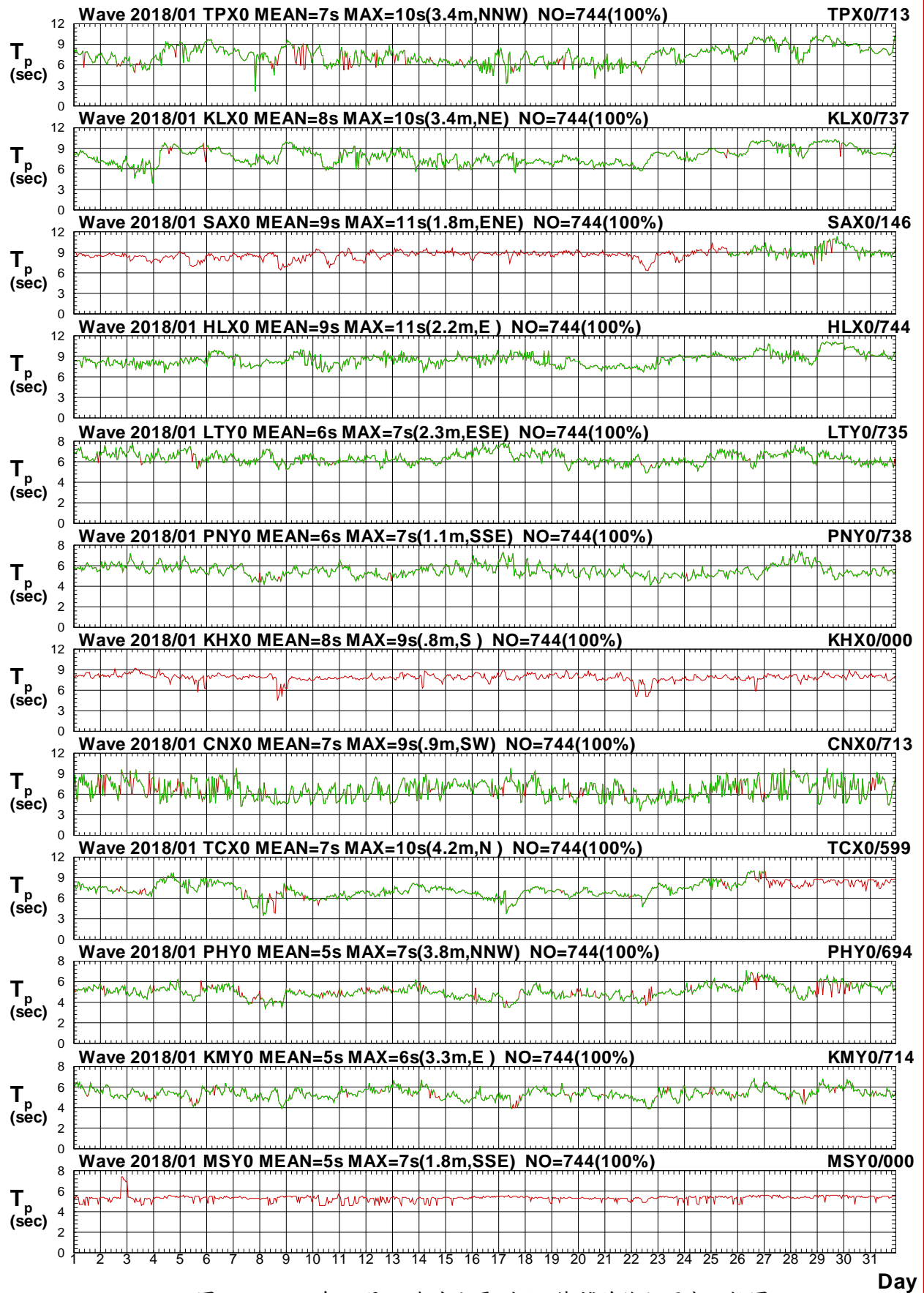


圖3.5 2018年1月12海域主要測站1修補前後之週期比較圖

V181TPX0.1HA V181TPX0.1HO V181KLX0.1HA V181KLX0.1HO V181SAX0.1HA V181SAX0.1HO
 V181HLX0.1HA V181HLX0.1HO V181LTY0.1HA V181LTY0.1HO V181PNY0.1HA V181PNY0.1HO

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Twelve Seas Wave Direction at 2018/01

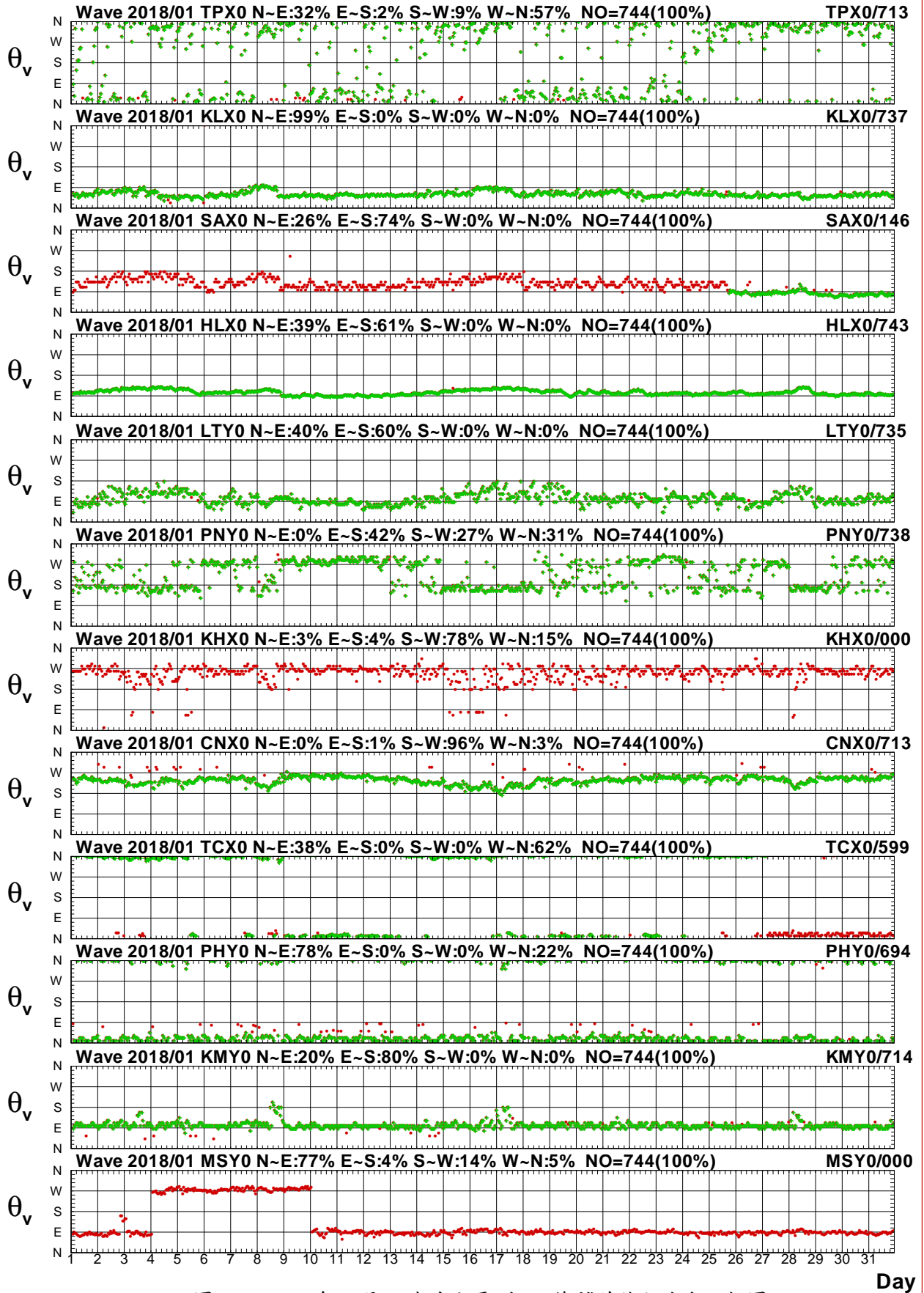


圖3.6 2018年1月12海域主要測站1修補前後之波向比較圖

V181TPX0.1HA V181TPX0.1HO V181KLX0.1HA V181KLX0.1HO V181SAX0.1HA V181SAX0.1HO
 V181HLX0.1HA V181HLX0.1HO V181LTY0.1HA V181LTY0.1HO V181PNY0.1HA V181PNY0.1HO

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Twelve Seas Wave H_s at 2018/02

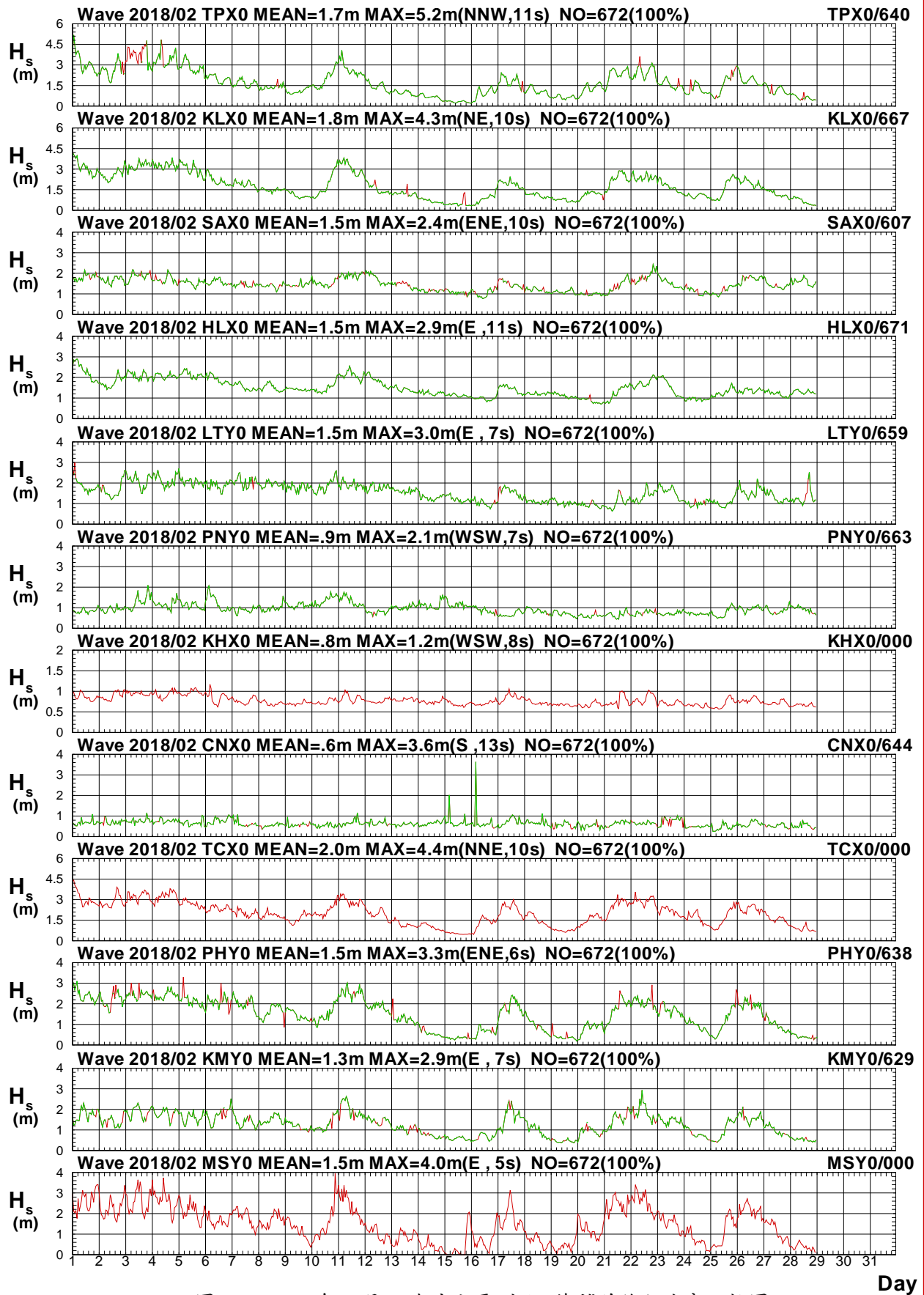


圖3.7 2018年2月12海域主要測站1修補前後之波高比較圖

V182TPX0.1HA V182TPX0.1HO V182KLX0.1HA V182KLX0.1HO V182SAX0.1HA V182SAX0.1HO
 V182HLX0.1HA V182HLX0.1HO V182LTY0.1HA V182LTY0.1HO V182PNY0.1HA V182PNY0.1HO

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Twelve Seas Wave T_p at 2018/02

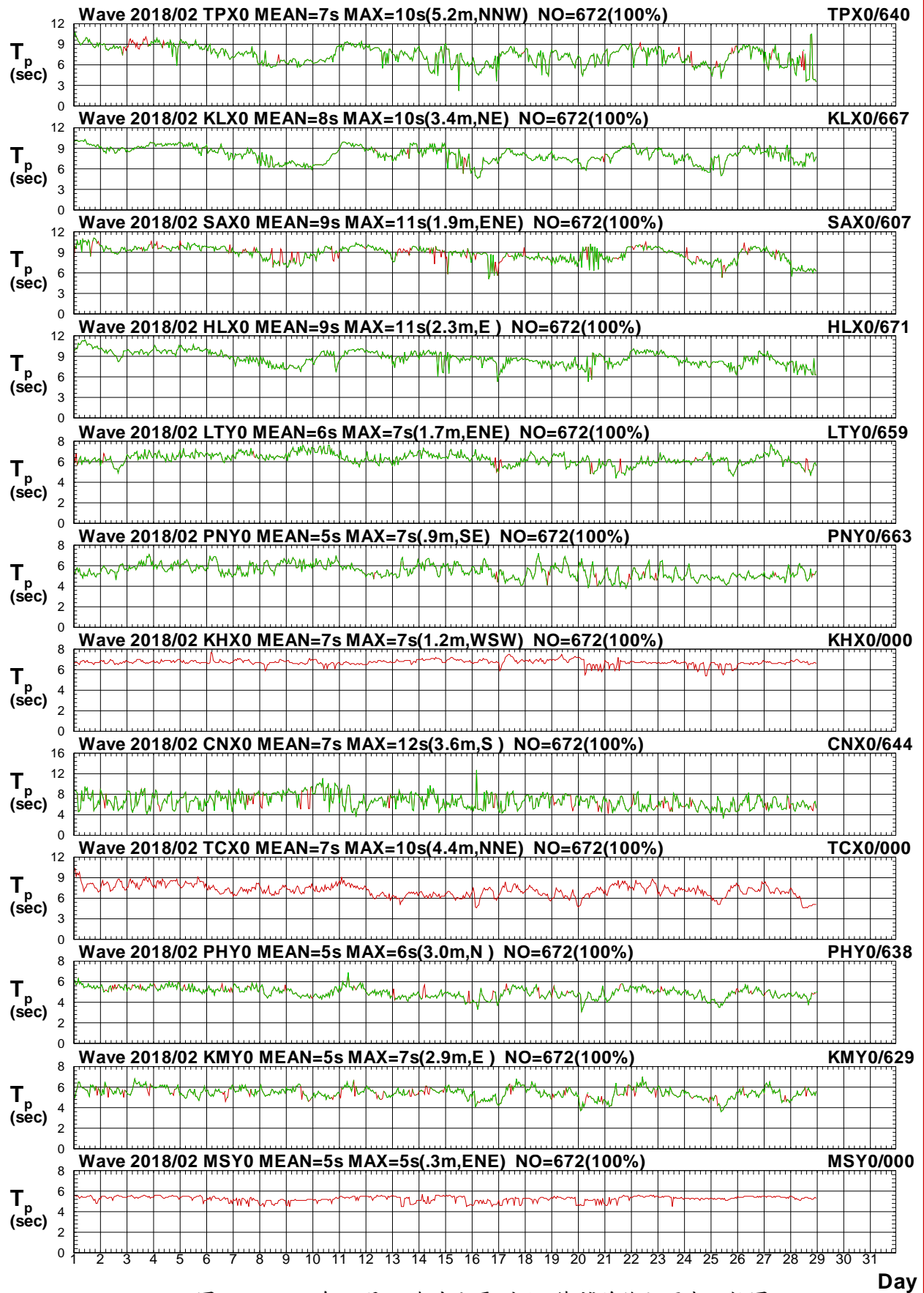


圖3.8 2018年2月12海域主要測站1修補前後之週期比較圖

V182TPX0.1HA V182TPX0.1HO V182KLX0.1HA V182KLX0.1HO V182SAX0.1HA V182SAX0.1HO
 V182HLX0.1HA V182HLX0.1HO V182LTY0.1HA V182LTY0.1HO V182PNY0.1HA V182PNY0.1HO

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Twelve Seas Wave Direction at 2018/02

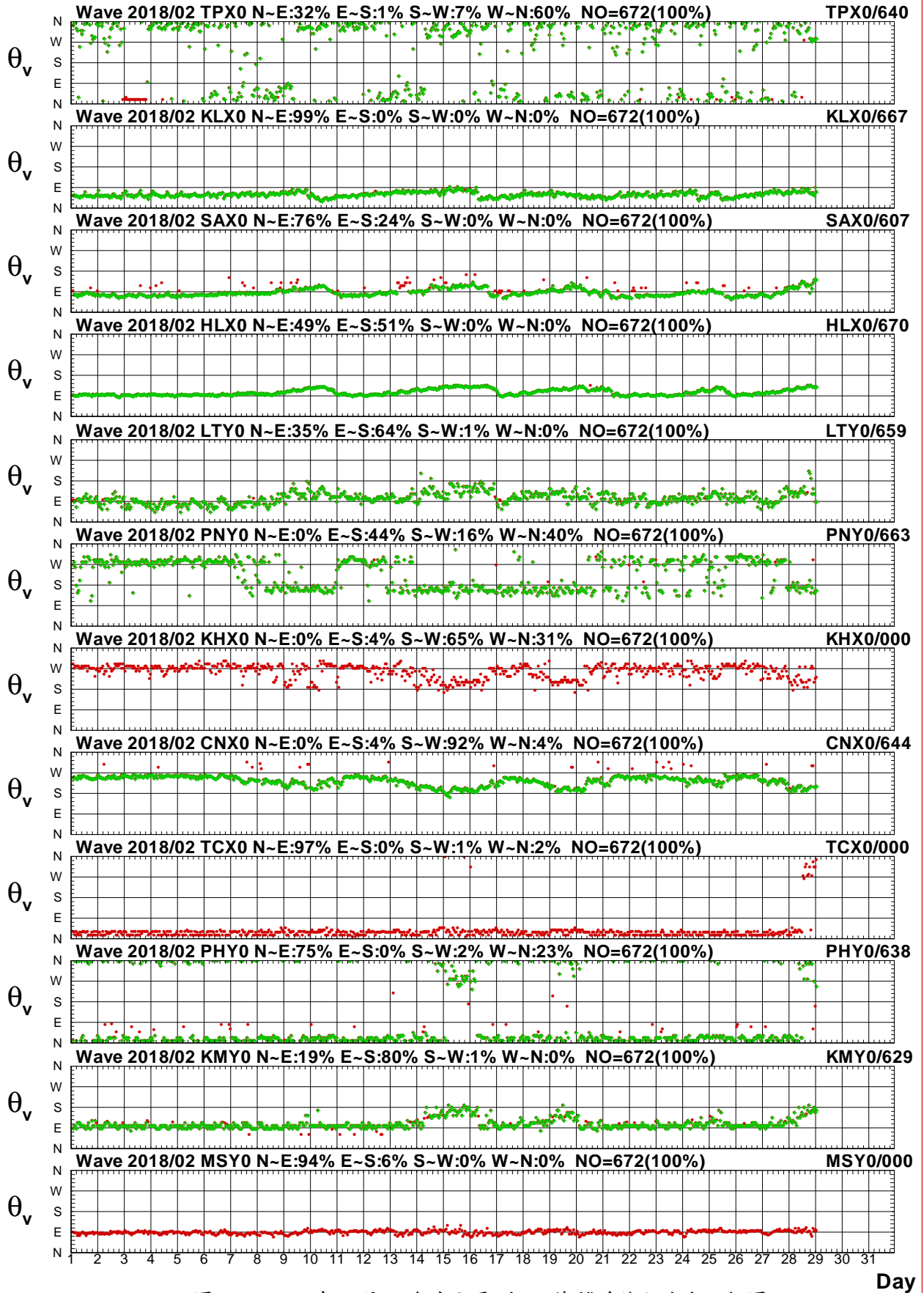


圖3.9 2018年2月12海域主要測站1修補前後之波向比較圖

V182TPX0.1HA V182TPX0.1HO V182KLX0.1HA V182KLX0.1HO V182SAX0.1HA V182SAX0.1HO
 V182HLX0.1HA V182HLX0.1HO V182LTY0.1HA V182LTY0.1HO V182PNY0.1HA V182PNY0.1HO

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Twelve Seas Wave H_s at 2018/03

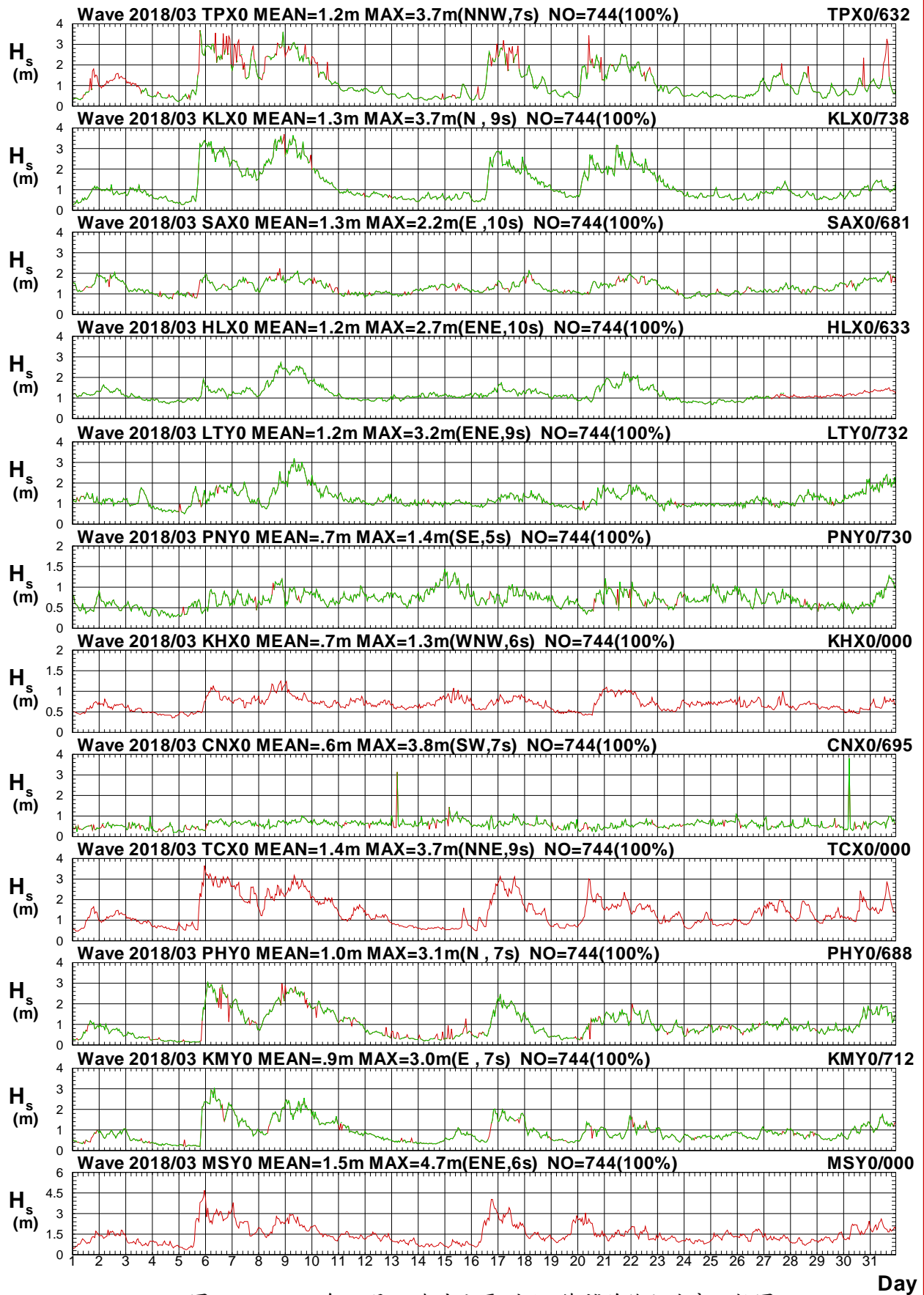


圖3.10 2018年3月12海域主要測站1修補前後之波高比較圖

V183TPX0.1HA V183TPX0.1HO V183KLX0.1HA V183KLX0.1HO V183SAX0.1HA V183SAX0.1HO
 V183HLX0.1HA V183HLX0.1HO V183LTY0.1HA V183LTY0.1HO V183PNY0.1HA V183PNY0.1HO

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Twelve Seas Wave T_p at 2018/03

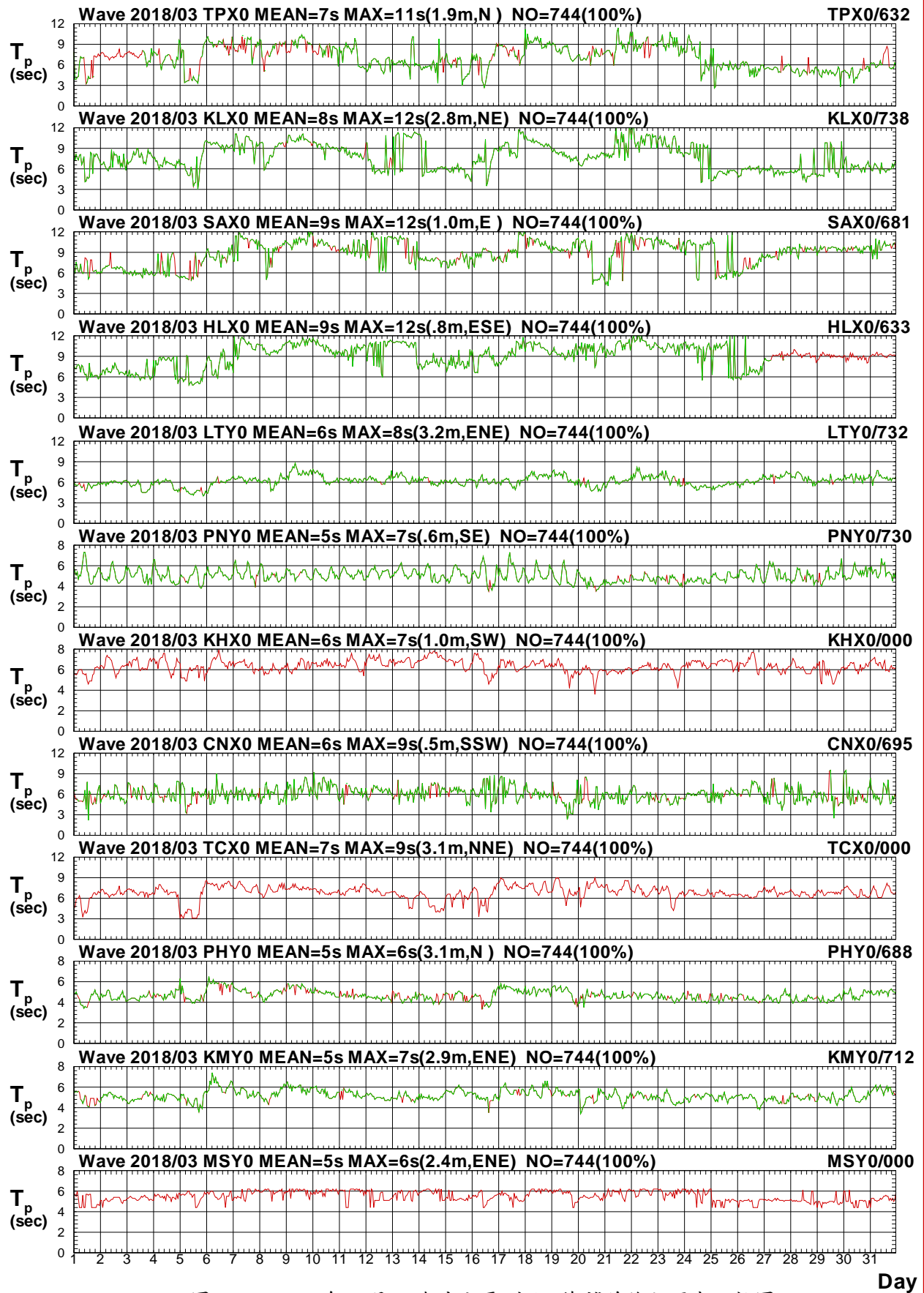


圖3.11 2018年3月12海域主要測站1修補前後之週期比較圖

V183TPX0.1HA V183TPX0.1HO V183KLX0.1HA V183KLX0.1HO V183SAX0.1HA V183SAX0.1HO
 V183HLX0.1HA V183HLX0.1HO V183LTY0.1HA V183LTY0.1HO V183PNY0.1HA V183PNY0.1HO

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Twelve Seas Wave Direction at 2018/03

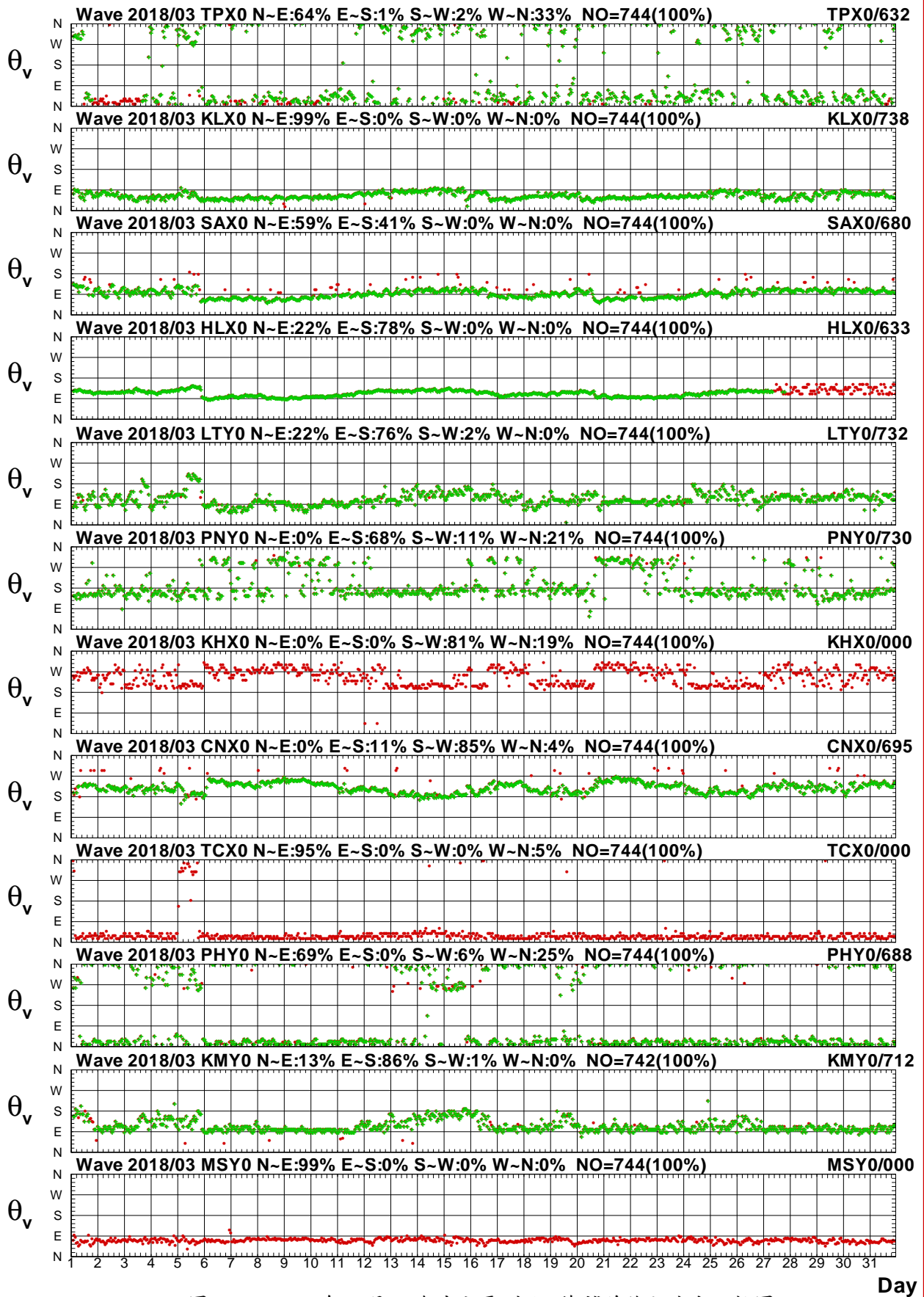


圖3.12 2018年3月12海域主要測站1修補前後之波向比較圖

V183TPX0.1HA V183TPX0.1H0 V183KLX0.1HA V183KLX0.1H0 V183SAX0.1HA V183SAX0.1H0
 V183HLX0.1HA V183HLX0.1H0 V183LTY0.1HA V183LTY0.1H0 V183PNY0.1HA V183PNY0.1H0

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Twelve Seas Wave H_s at 2018/04

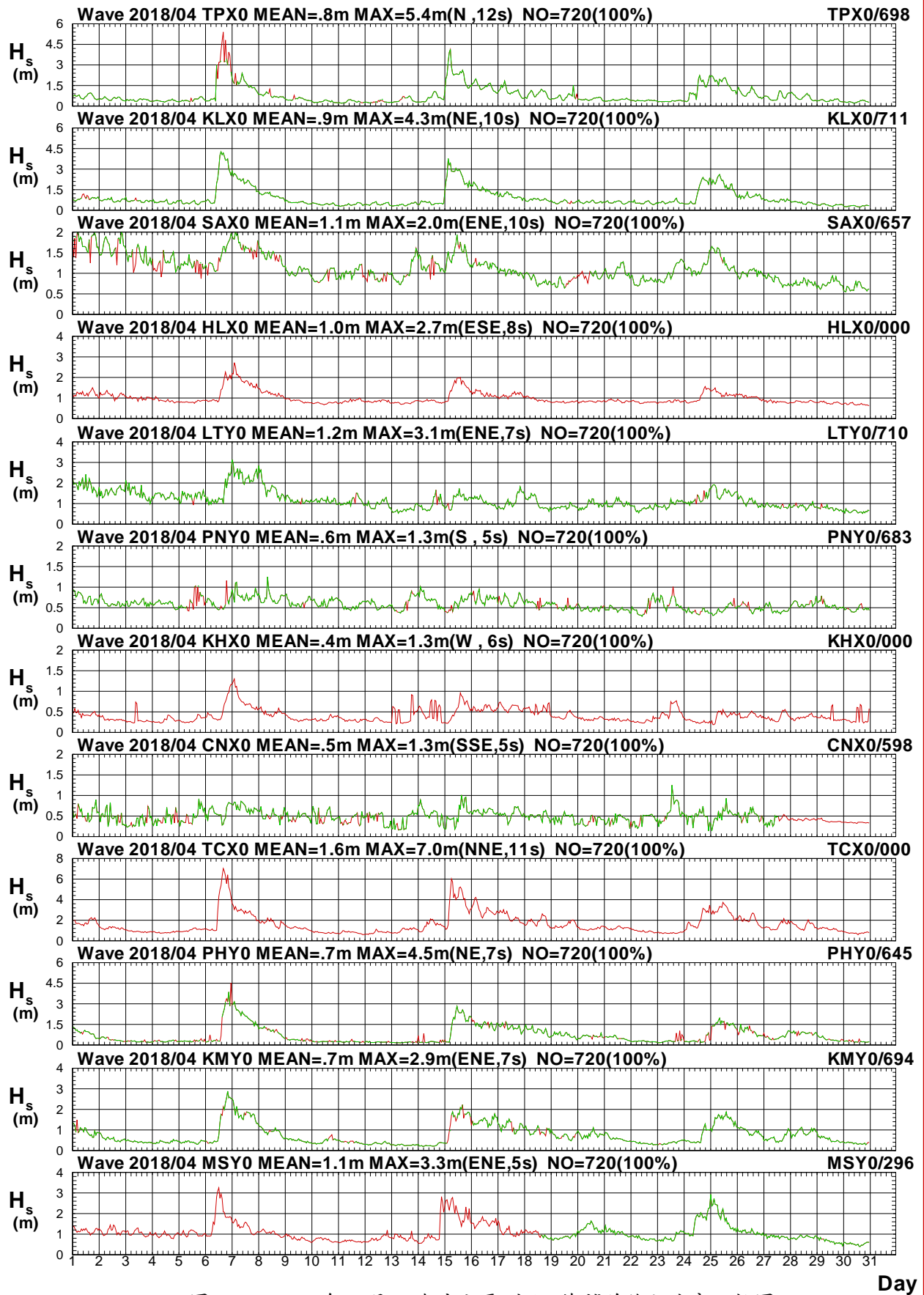


圖3.13 2018年4月12海域主要測站1修補前後之波高比較圖

V184TPX0.1HA V184TPX0.1HO V184KLX0.1HA V184KLX0.1HO V184SAX0.1HA V184SAX0.1HO
 V184HLX0.1HA V184HLX0.1HO V184LTY0.1HA V184LTY0.1HO V184PNY0.1HA V184PNY0.1HO

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Twelve Seas Wave T_p at 2018/04

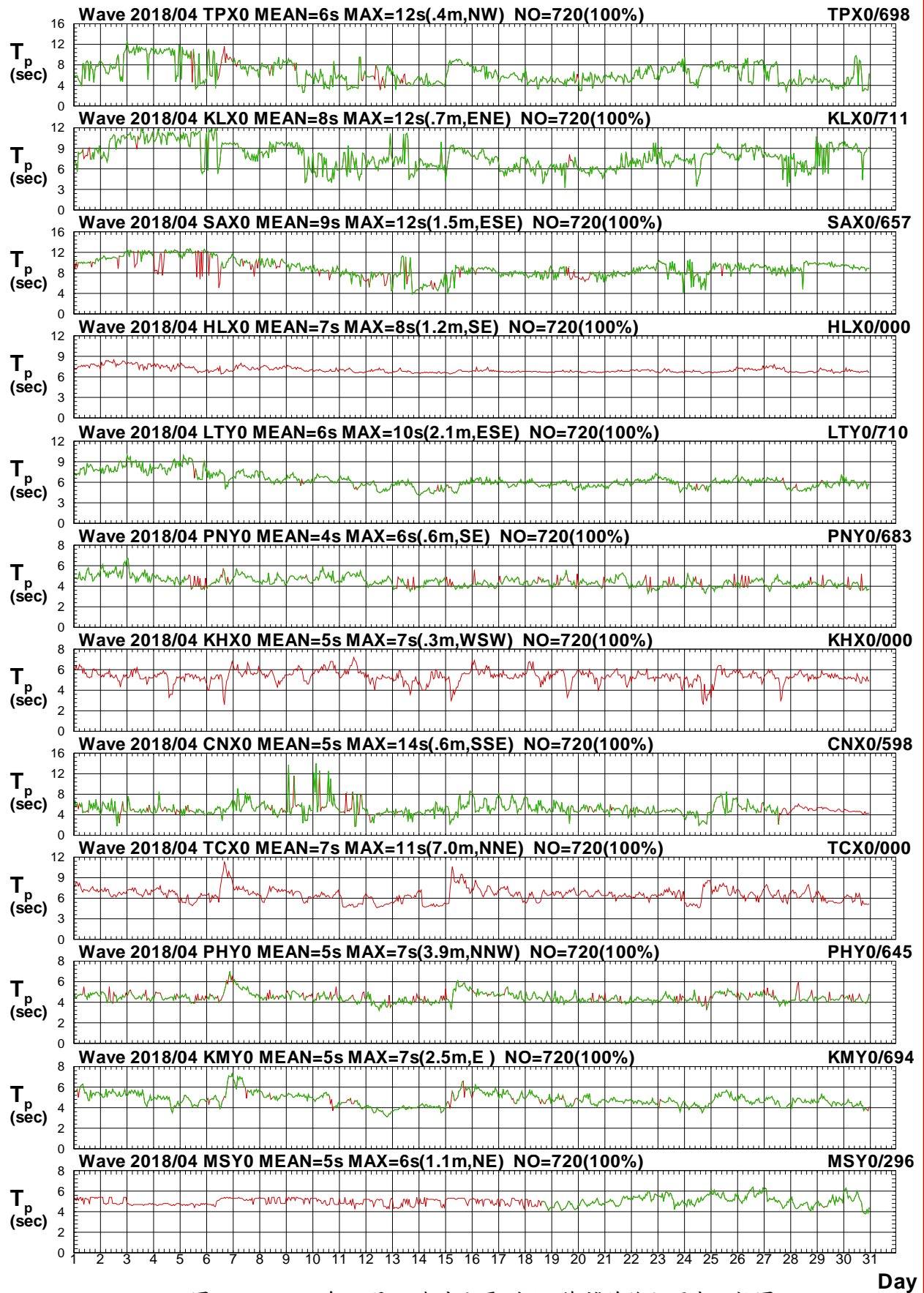


圖3.14 2018年4月12海域主要測站1修補前後之週期比較圖

V184TPX0.1HA V184TPX0.1HO V184KLX0.1HA V184KLX0.1HO V184SAX0.1HA V184SAX0.1HO
 V184HLX0.1HA V184HLX0.1HO V184LTY0.1HA V184LTY0.1HO V184PNY0.1HA V184PNY0.1HO

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Twelve Seas Wave Direction at 2018/04

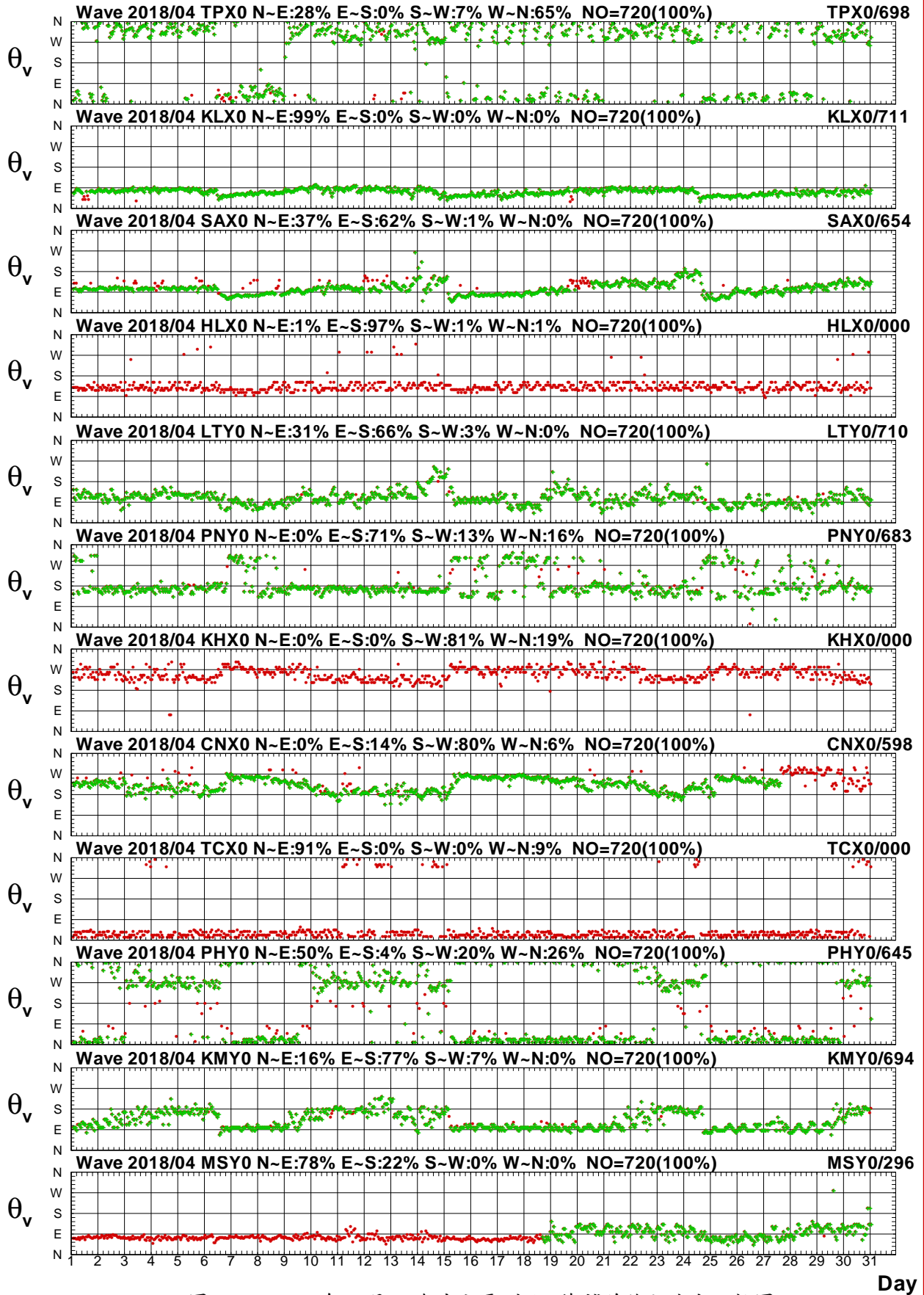


圖3.15 2018年4月12海域主要測站1修補前後之波向比較圖

V184TPX0.1HA V184TPX0.1HO V184KLX0.1HA V184KLX0.1HO V184SAX0.1HA V184SAX0.1HO
 V184HLX0.1HA V184HLX0.1HO V184LTY0.1HA V184LTY0.1HO V184PNY0.1HA V184PNY0.1HO

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Twelve Seas Wave H_s at 2018/05

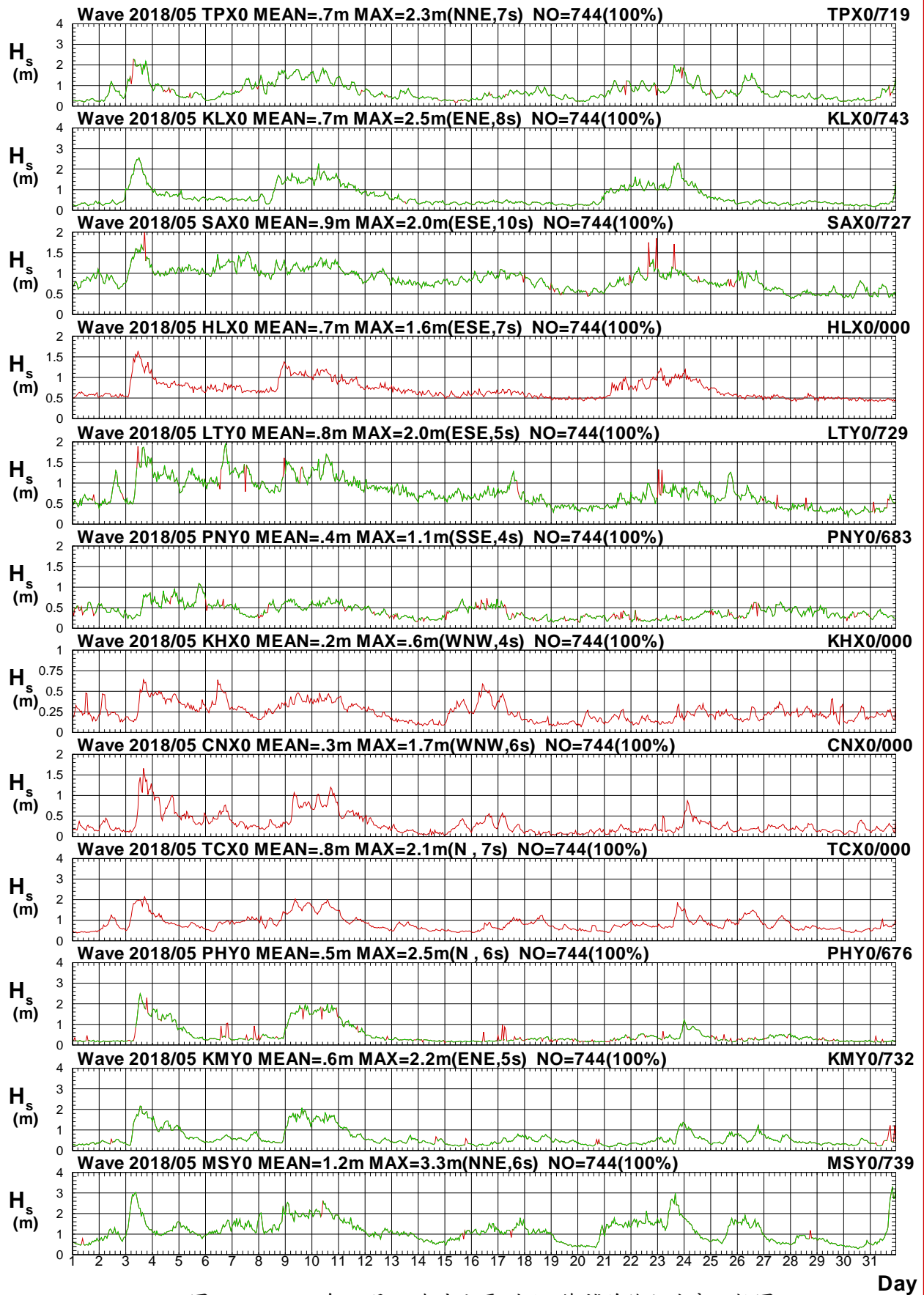


圖3.16 2018年5月12海域主要測站1修補前後之波高比較圖

V185TPX0.1HA V185TPX0.1HO V185KLX0.1HA V185KLX0.1HO V185SAX0.1HA V185SAX0.1HO
 V185HLX0.1HA V185HLX0.1HO V185LTY0.1HA V185LTY0.1HO V185PNY0.1HA V185PNY0.1HO

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Twelve Seas Wave T_p at 2018/05

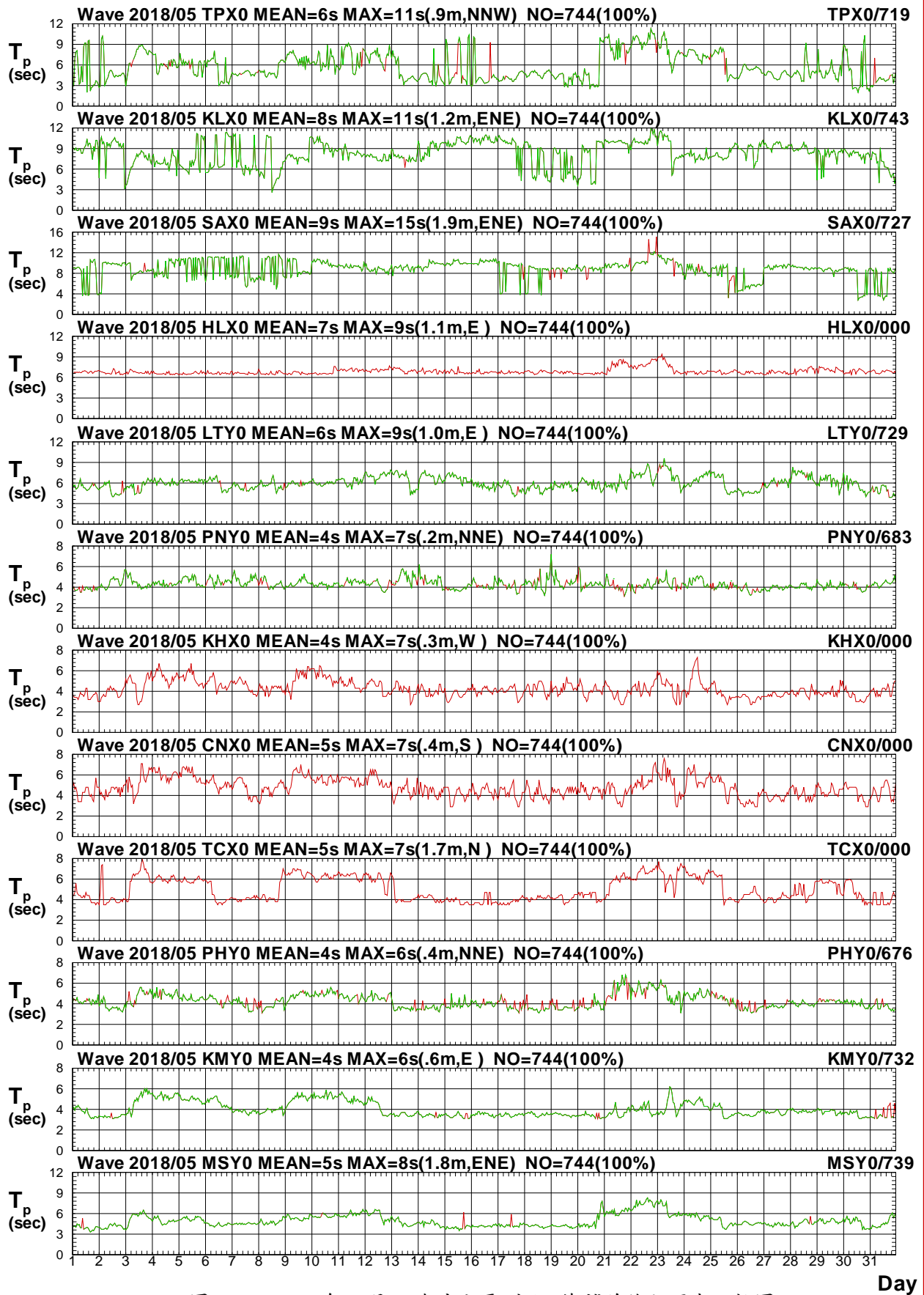


圖3.17 2018年5月12海域主要測站1修補前後之週期比較圖

V185TPX0.1HA V185TPX0.1HO V185KLX0.1HA V185KLX0.1HO V185SAX0.1HA V185SAX0.1HO
 V185HLX0.1HA V185HLX0.1HO V185LTY0.1HA V185LTY0.1HO V185PNY0.1HA V185PNY0.1HO

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Twelve Seas Wave Direction at 2018/05

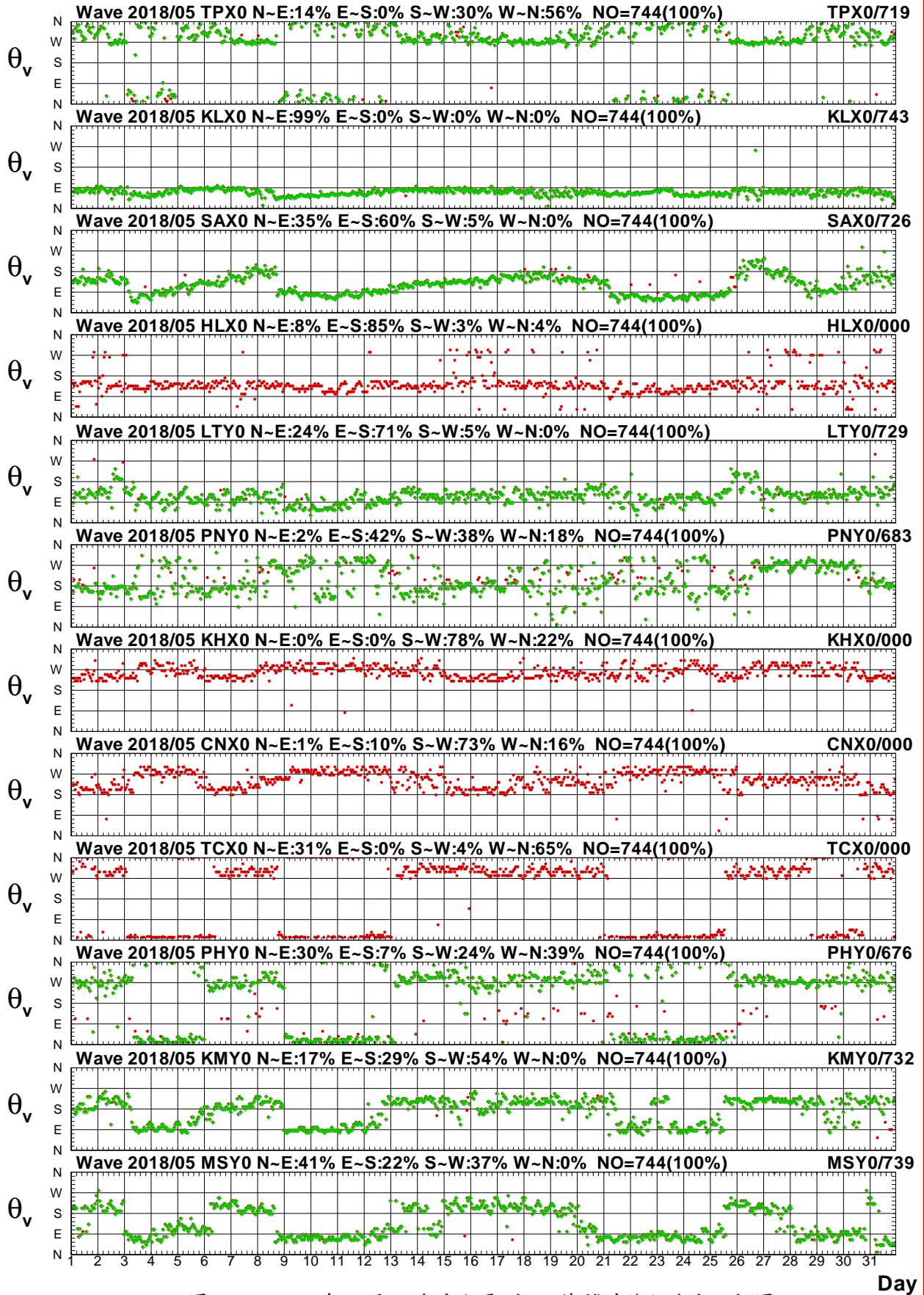


圖3.18 2018年5月12海域主要測站1修補前後之波向比較圖

V185TPX0.1HA V185TPX0.1HO V185KLX0.1HA V185KLX0.1HO V185SAX0.1HA V185SAX0.1HO
 V185HLX0.1HA V185HLX0.1HO V185LTY0.1HA V185LTY0.1HO V185PNY0.1HA V185PNY0.1HO

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Twelve Seas Wave H_s at 2018/06

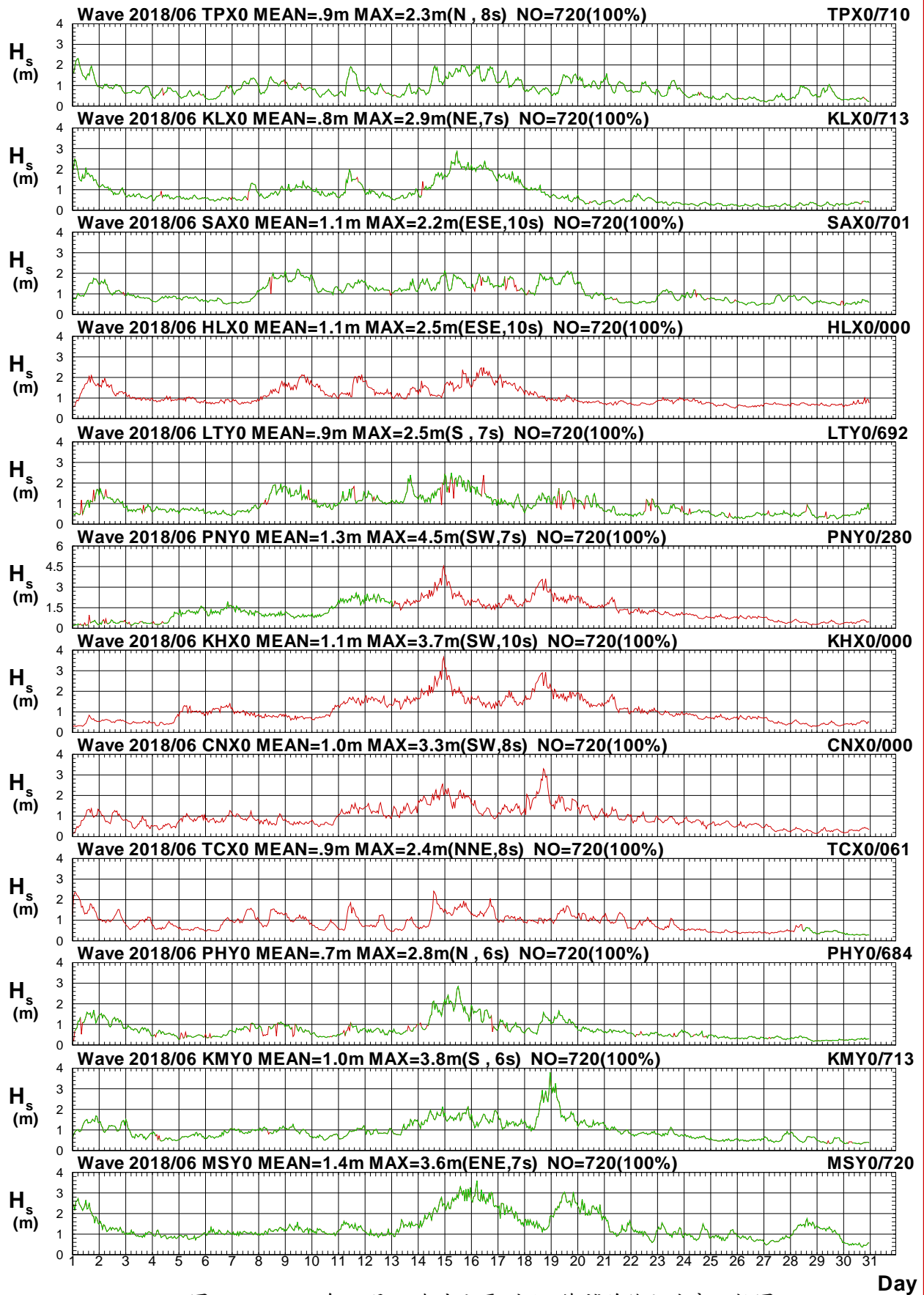


圖3.19 2018年6月12海域主要測站1修補前後之波高比較圖

V186TPX0.1HA V186TPX0.1HO V186KLX0.1HA V186KLX0.1HO V186SAX0.1HA V186SAX0.1HO
 V186HLX0.1HA V186HLX0.1HO V186LTY0.1HA V186LTY0.1HO V186PNY0.1HA V186PNY0.1HO

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Twelve Seas Wave T_p at 2018/06

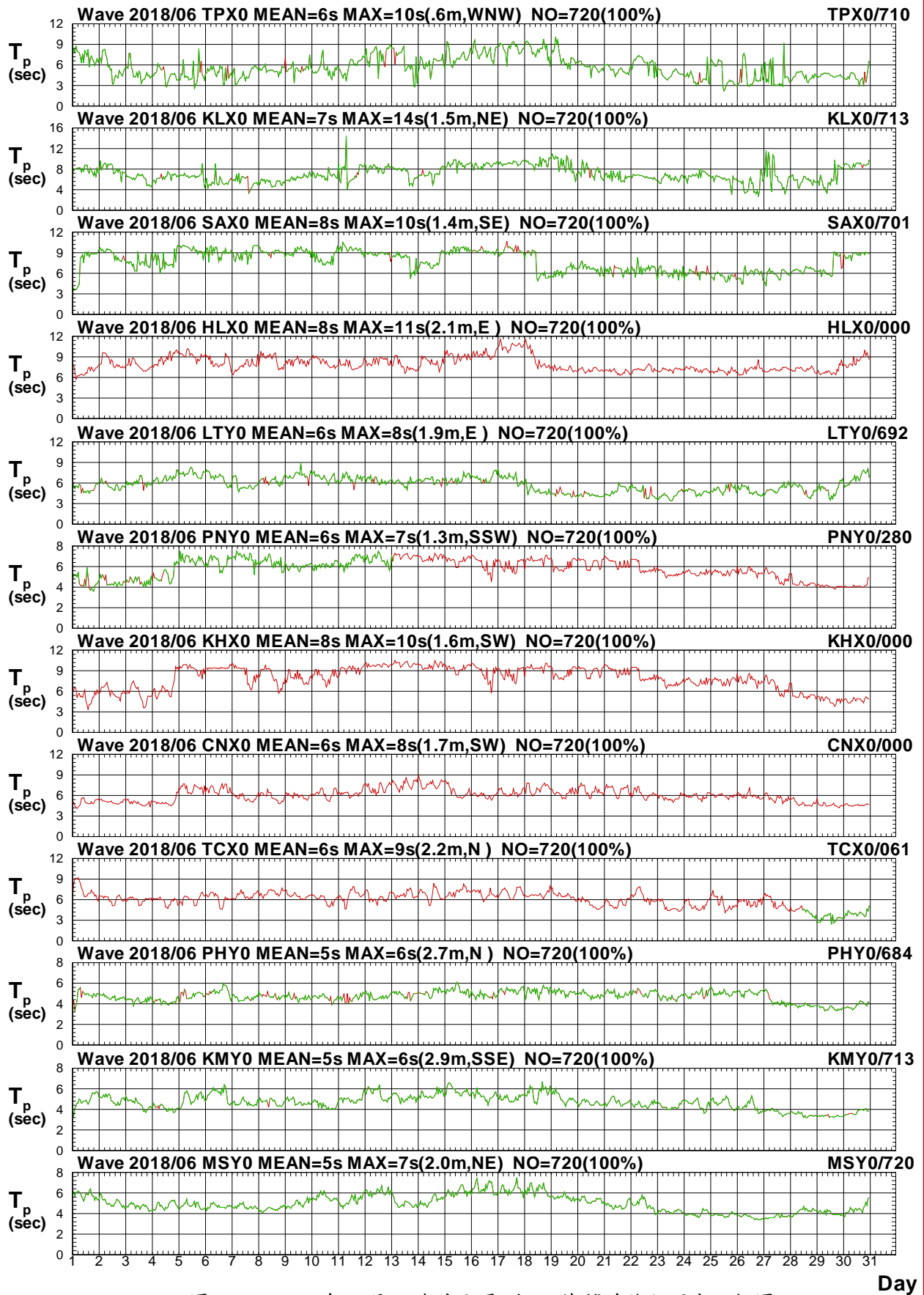


圖3.20 2018年6月12海域主要測站1修補前後之週期比較圖

V186TPX0.1HA V186TPX0.1HO V186KLX0.1HA V186KLX0.1HO V186SAX0.1HA V186SAX0.1HO
 V186HLX0.1HA V186HLX0.1HO V186LTY0.1HA V186LTY0.1HO V186PNY0.1HA V186PNY0.1HO

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Twelve Seas Wave Direction at 2018/06

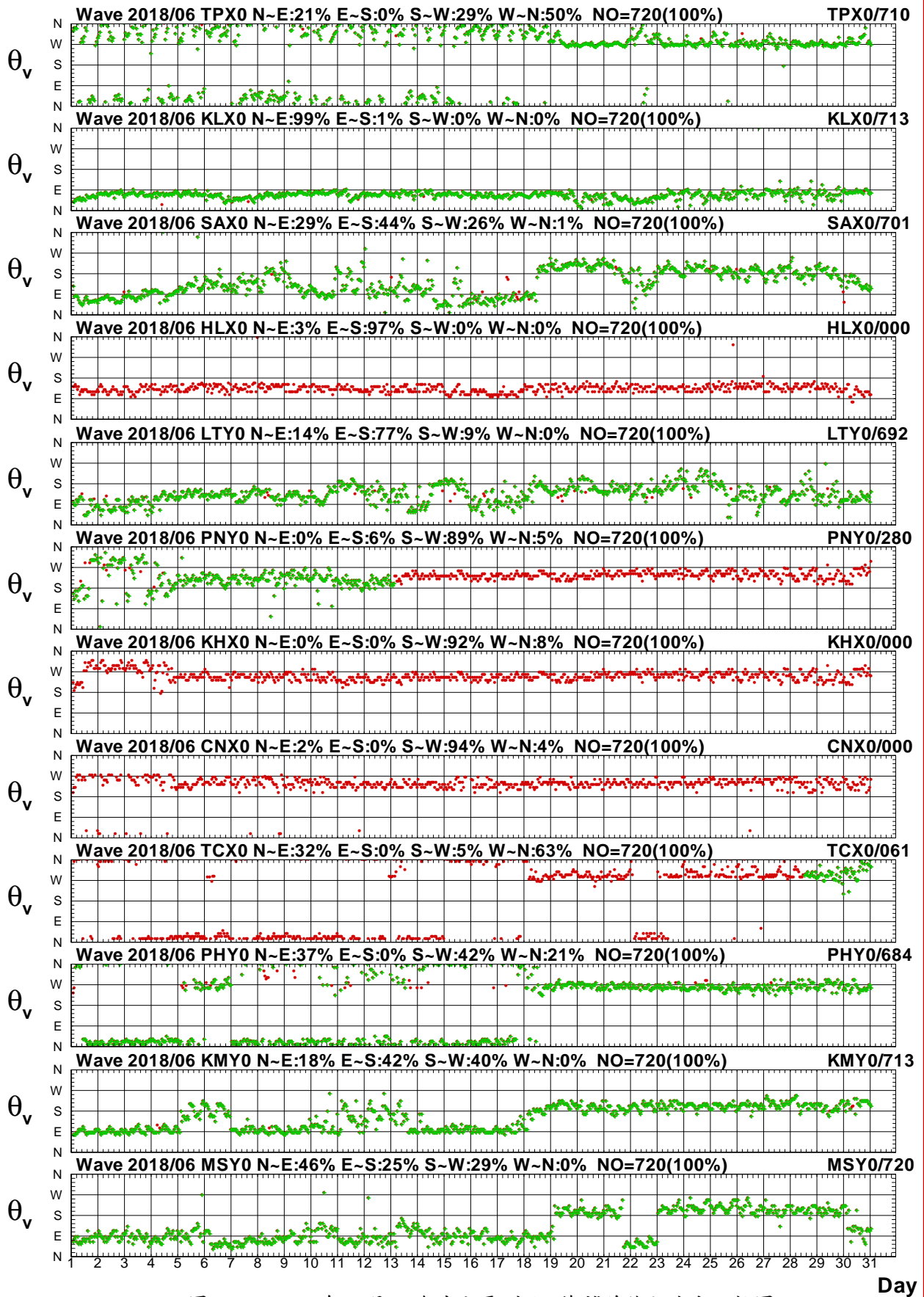


圖3.21 2018年6月12海域主要測站1修補前後之波向比較圖

V186TPX0.1HA V186TPX0.1H0 V186KLX0.1HA V186KLX0.1H0 V186SAX0.1HA V186SAX0.1H0
 V186HLX0.1HA V186HLX0.1H0 V186LTY0.1HA V186LTY0.1H0 V186PNY0.1HA V186PNY0.1H0

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Twelve Seas Wave H_s at 2018/07

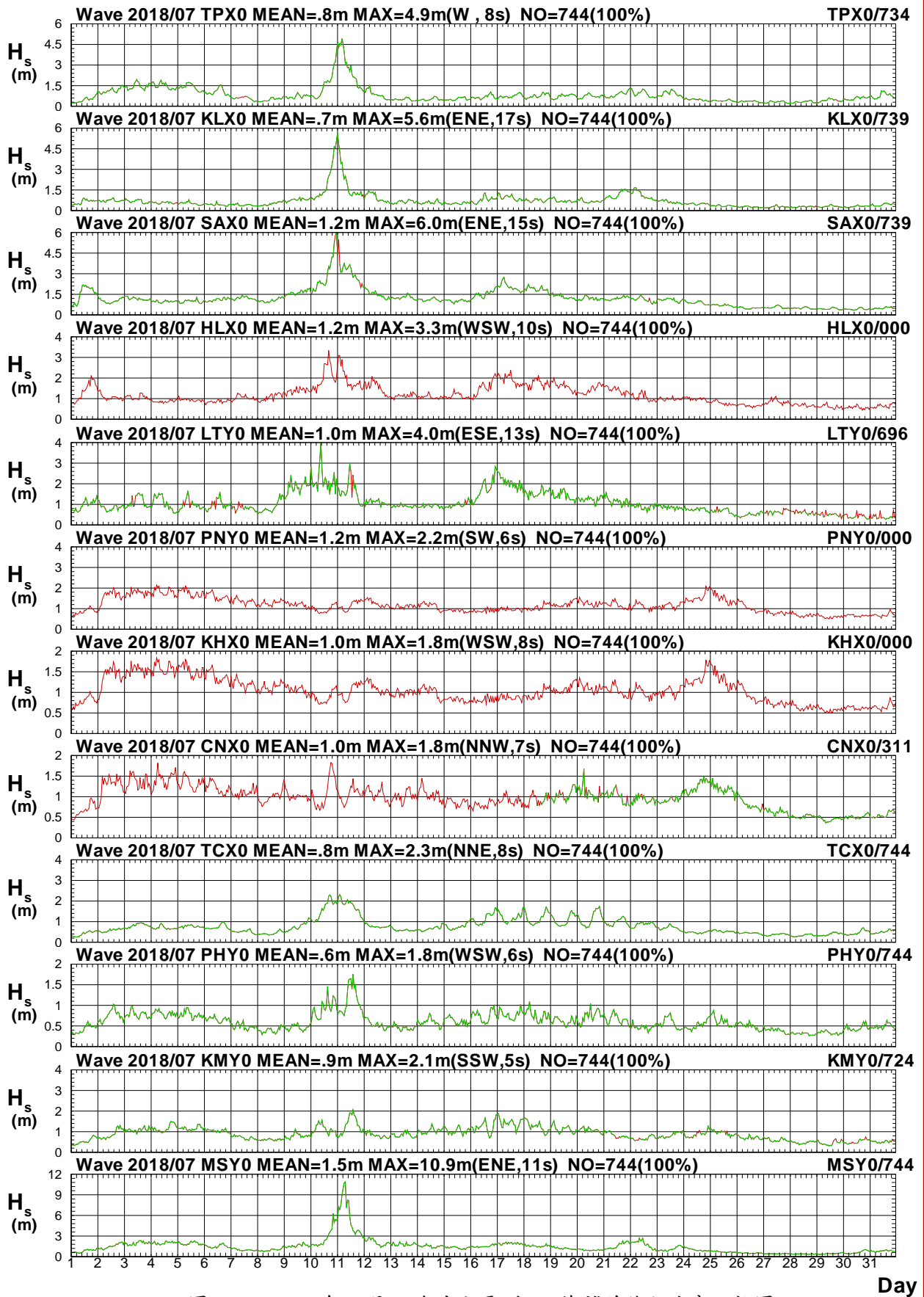


圖3.22 2018年7月12海域主要測站1修補前後之波高比較圖

V187TPX0.1HA V187TPX0.1HO V187KLX0.1HA V187KLX0.1HO V187SAX0.1HA V187SAX0.1HO
 V187HLX0.1HA V187HLX0.1HO V187LTY0.1HA V187LTY0.1HO V187PNY0.1HA V187PNY0.1HO

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Twelve Seas Wave T_p at 2018/07

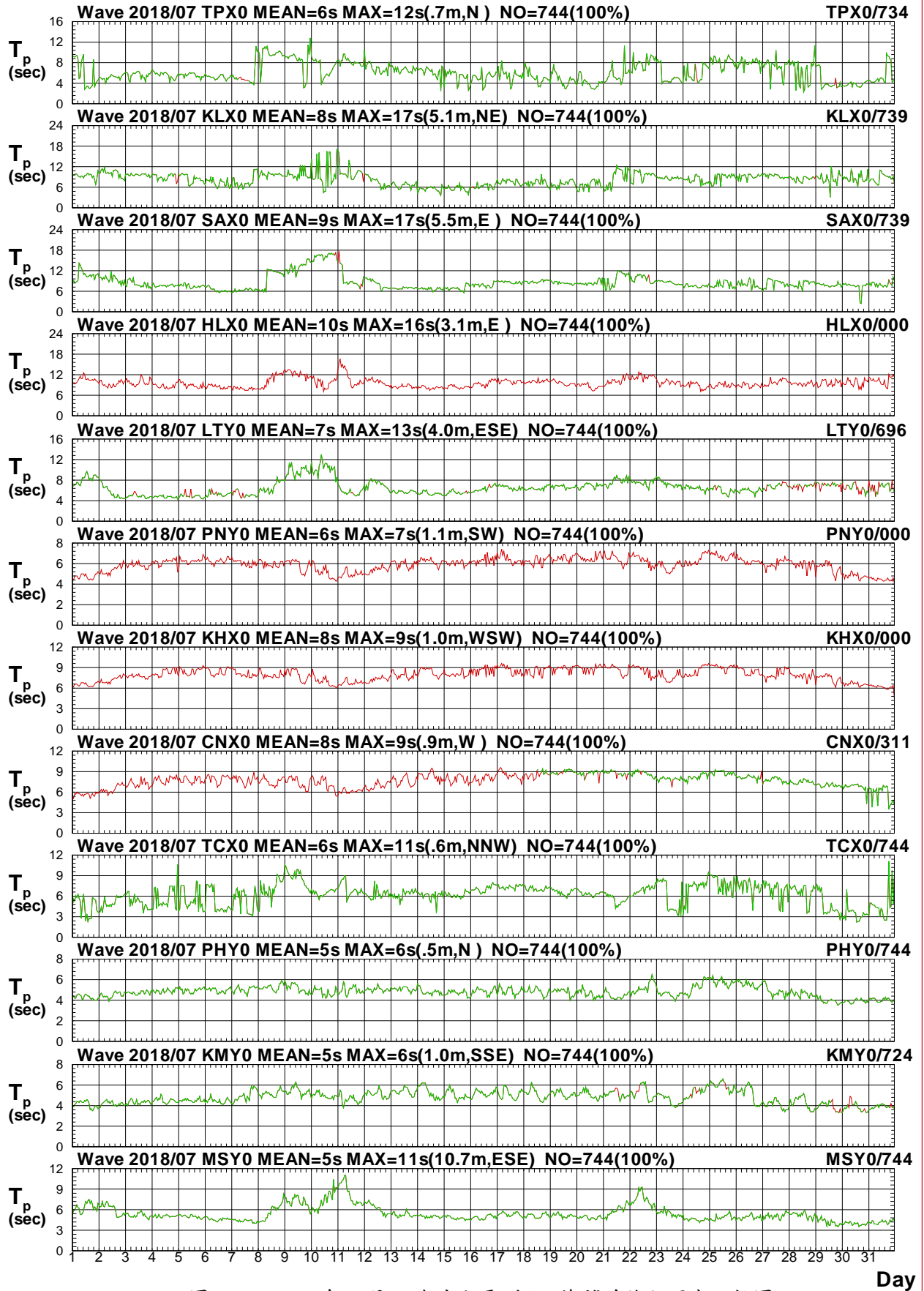


圖3.23 2018年7月12海域主要測站1修補前後之週期比較圖

V187TPX0.1HA V187TPX0.1HO V187KLX0.1HA V187KLX0.1HO V187SAX0.1HA V187SAX0.1HO
 V187HLX0.1HA V187HLX0.1HO V187LTY0.1HA V187LTY0.1HO V187PNY0.1HA V187PNY0.1HO

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Twelve Seas Wave Direction at 2018/07

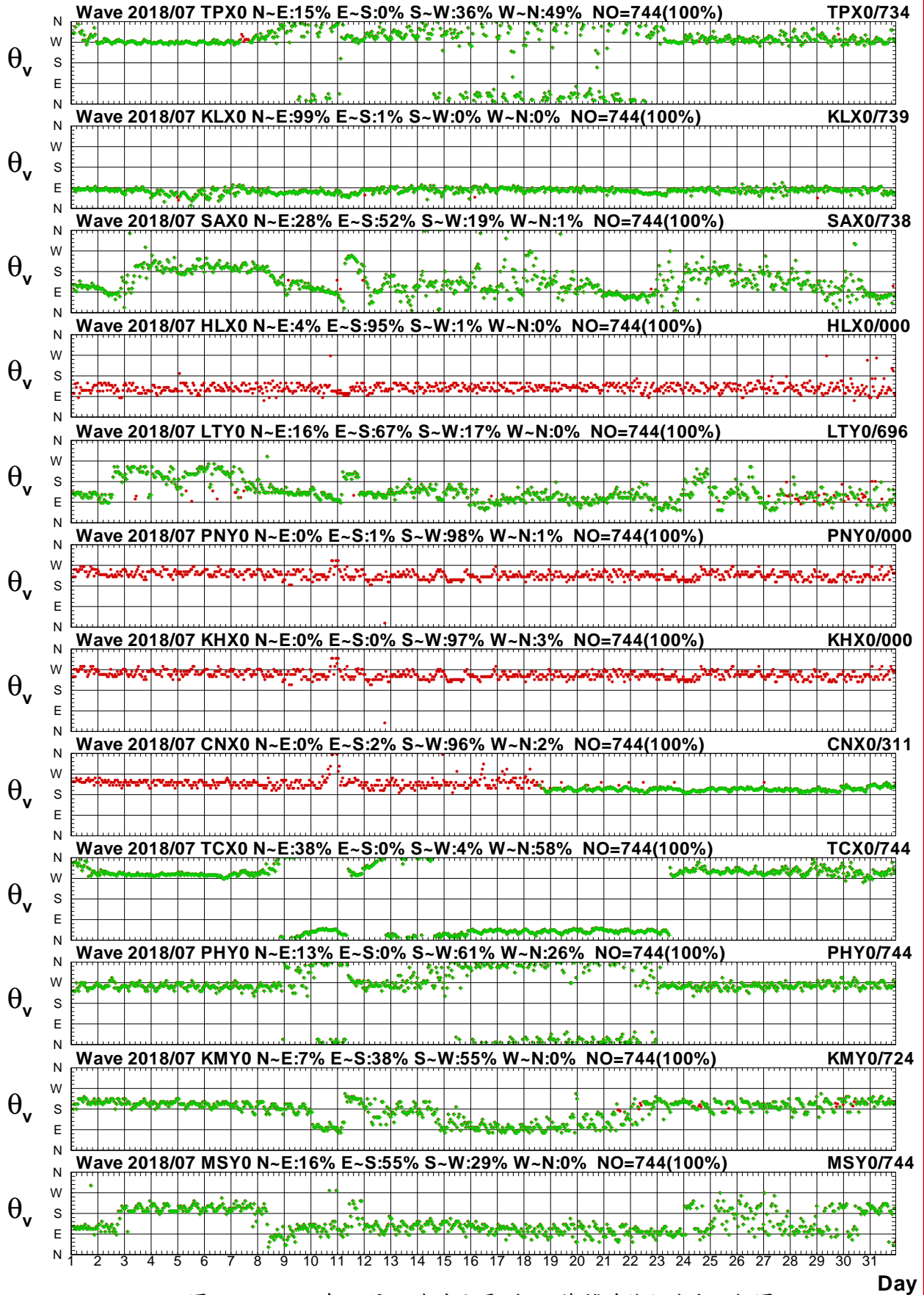


圖3.24 2018年7月12海域主要測站1修補前後之波向比較圖

V187TPX0.1HA V187TPX0.1HO V187KLX0.1HA V187KLX0.1HO V187SAX0.1HA V187SAX0.1HO
 V187HLX0.1HA V187HLX0.1HO V187LTY0.1HA V187LTY0.1HO V187PNY0.1HA V187PNY0.1HO

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Twelve Seas Wave H_s at 2018/08

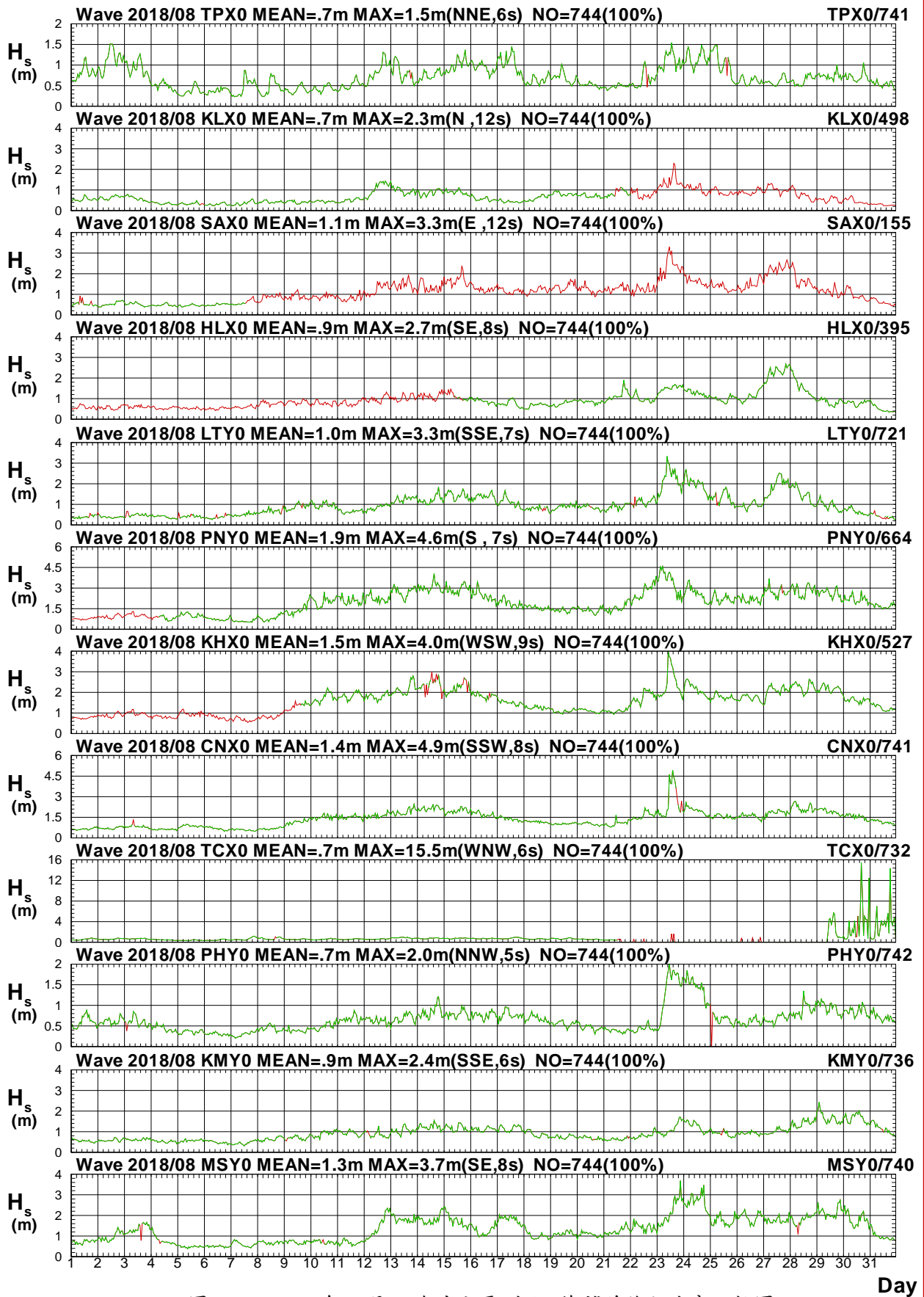


圖3.25 2018年8月12海域主要測站1修補前後之波高比較圖

V188TPX0.1HA V188TPX0.1HO V188KLX0.1HA V188KLX0.1HO V188SAX0.1HA V188SAX0.1HO
 V188HLX0.1HA V188HLX0.1HO V188LTY0.1HA V188LTY0.1HO V188PNY0.1HA V188PNY0.1HO

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Twelve Seas Wave T_p at 2018/08

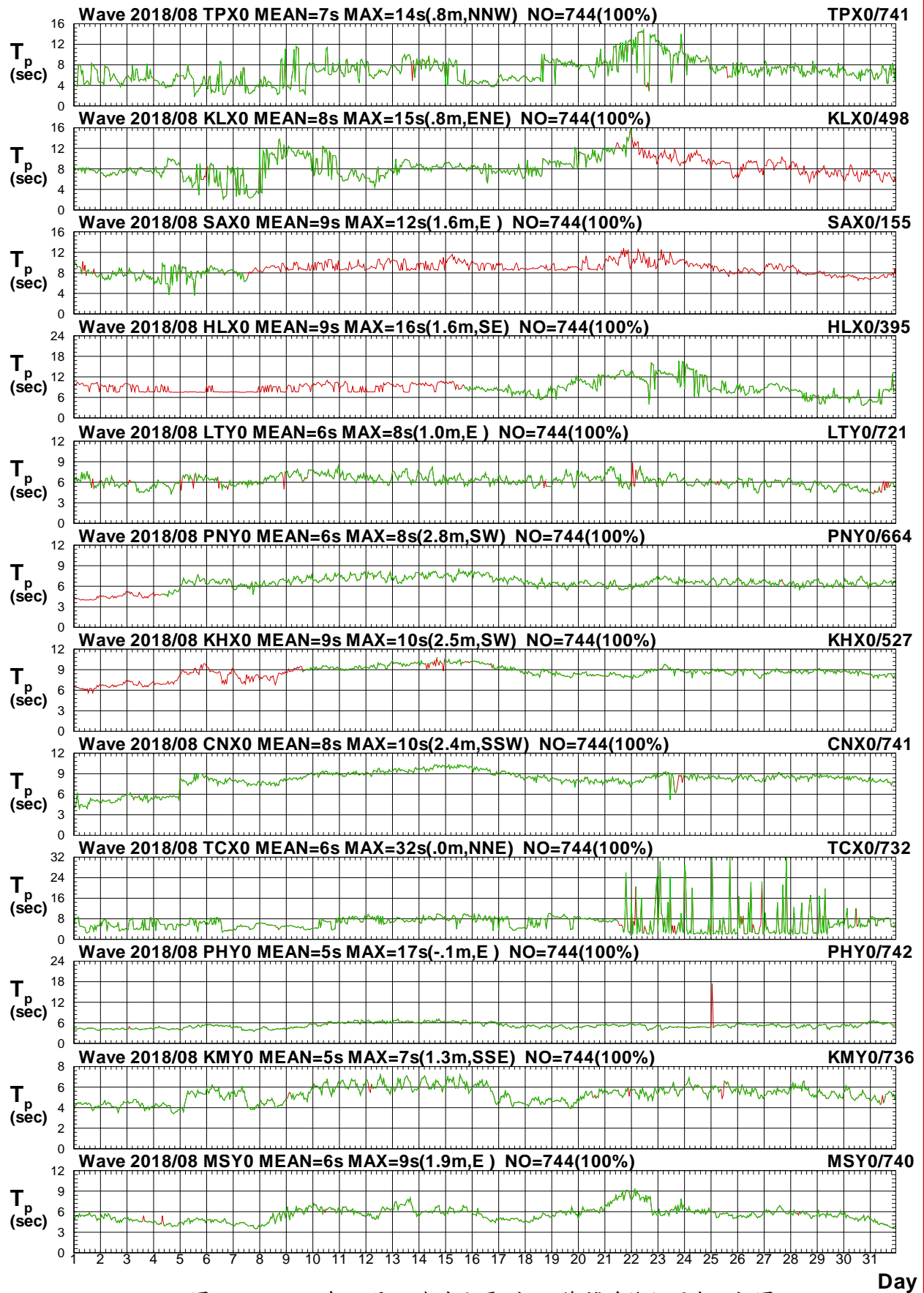


圖3.26 2018年8月12海域主要測站1修補前後之週期比較圖

V188TPX0.1HA V188TPX0.1HO V188KLX0.1HA V188KLX0.1HO V188SAX0.1HA V188SAX0.1HO
 V188HLX0.1HA V188HLX0.1HO V188LTY0.1HA V188LTY0.1HO V188PNY0.1HA V188PNY0.1HO

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Twelve Seas Wave Direction at 2018/08

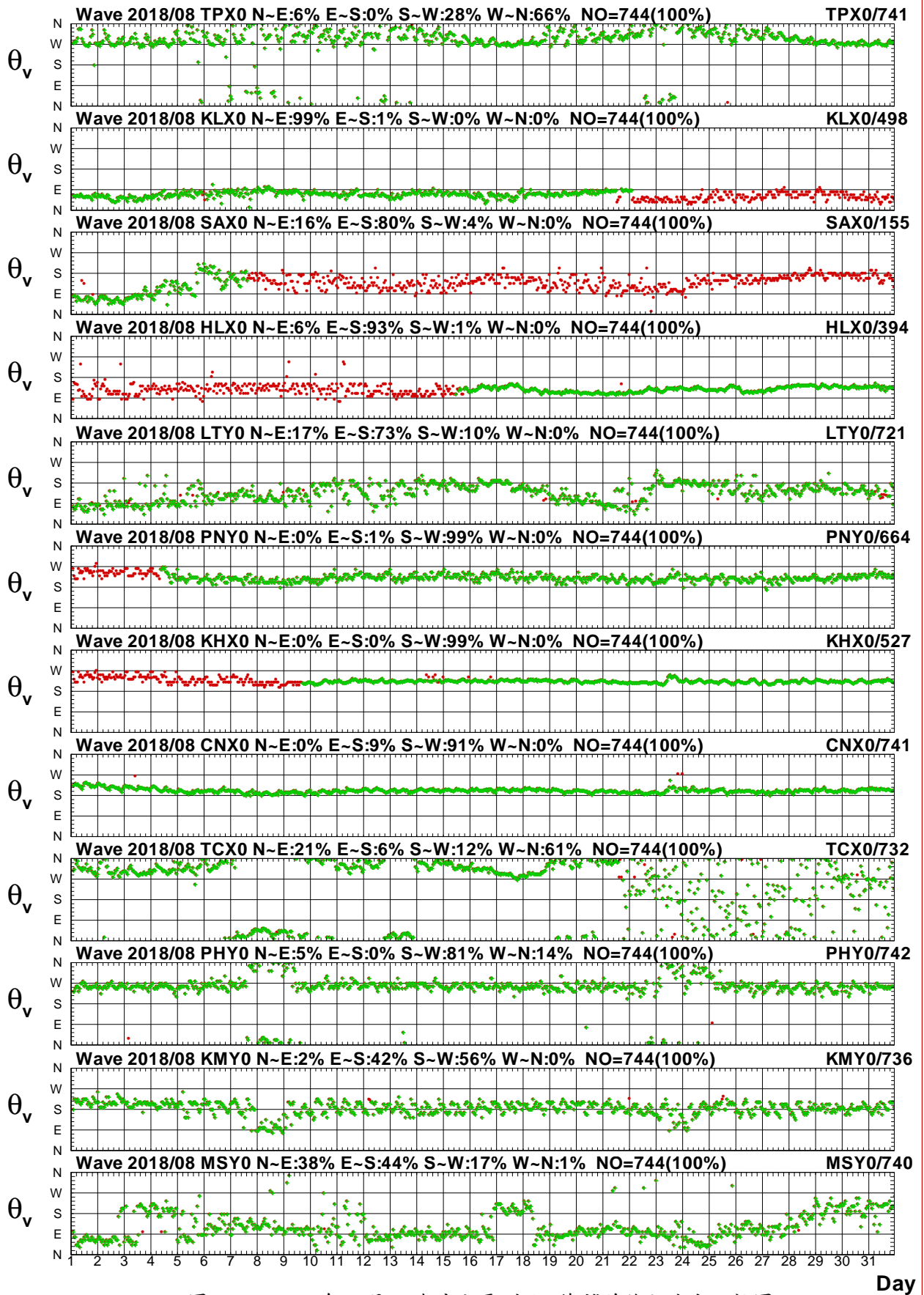


圖3.27 2018年8月12海域主要測站1修補前後之波向比較圖

V188TPX0.1HA V188TPX0.1HO V188KLX0.1HA V188KLX0.1HO V188SAX0.1HA V188SAX0.1HO
 V188HLX0.1HA V188HLX0.1HO V188LTY0.1HA V188LTY0.1HO V188PNY0.1HA V188PNY0.1HO

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Twelve Seas Wave H_s at 2018/09

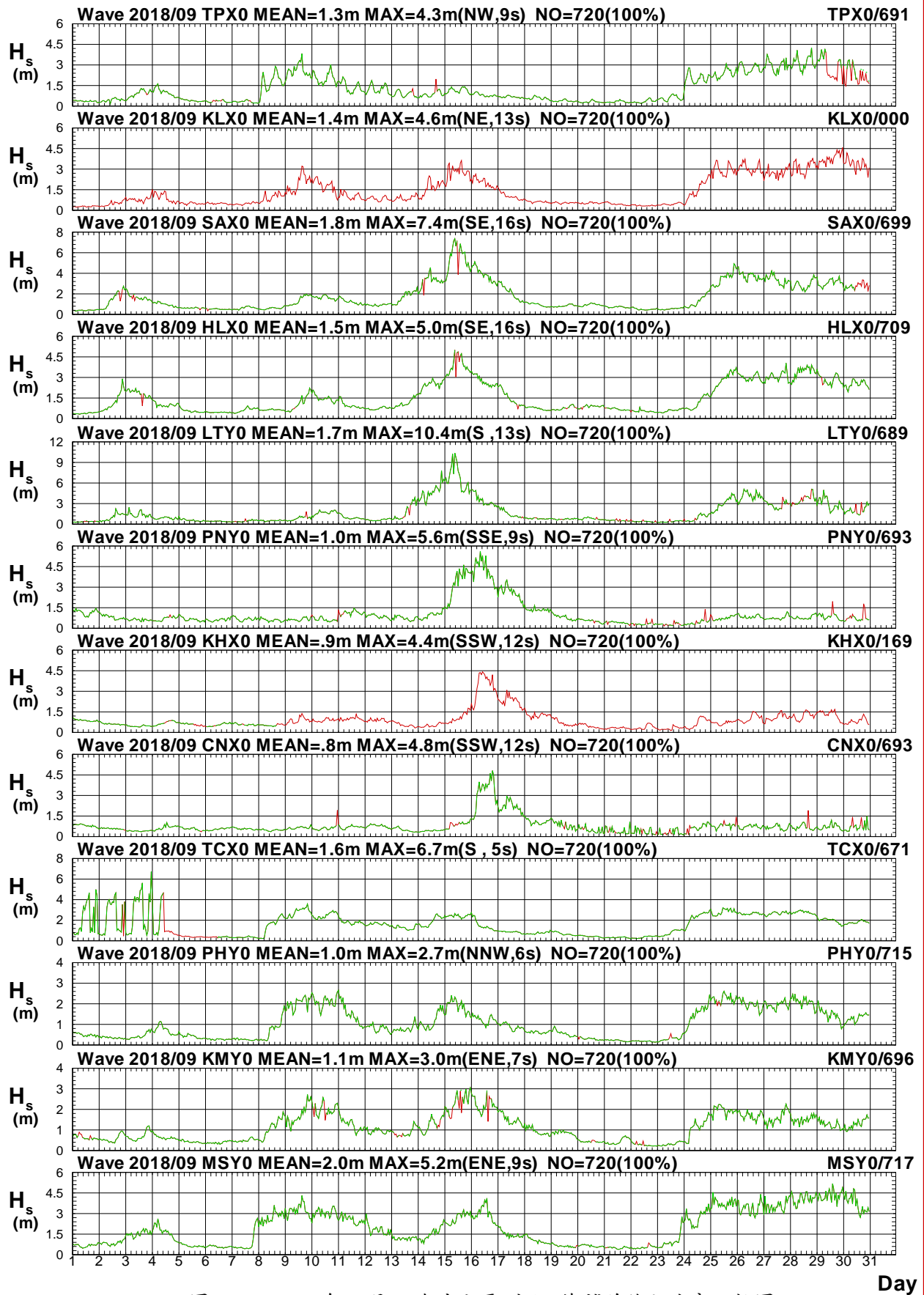


圖3.28 2018年9月12海域主要測站1修補前後之波高比較圖

V189TPX0.1HA V189TPX0.1HO V189KLX0.1HA V189KLX0.1HO V189SAX0.1HA V189SAX0.1HO
 V189HLX0.1HA V189HLX0.1HO V189LTY0.1HA V189LTY0.1HO V189PNY0.1HA V189PNY0.1HO

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Twelve Seas Wave T_p at 2018/09

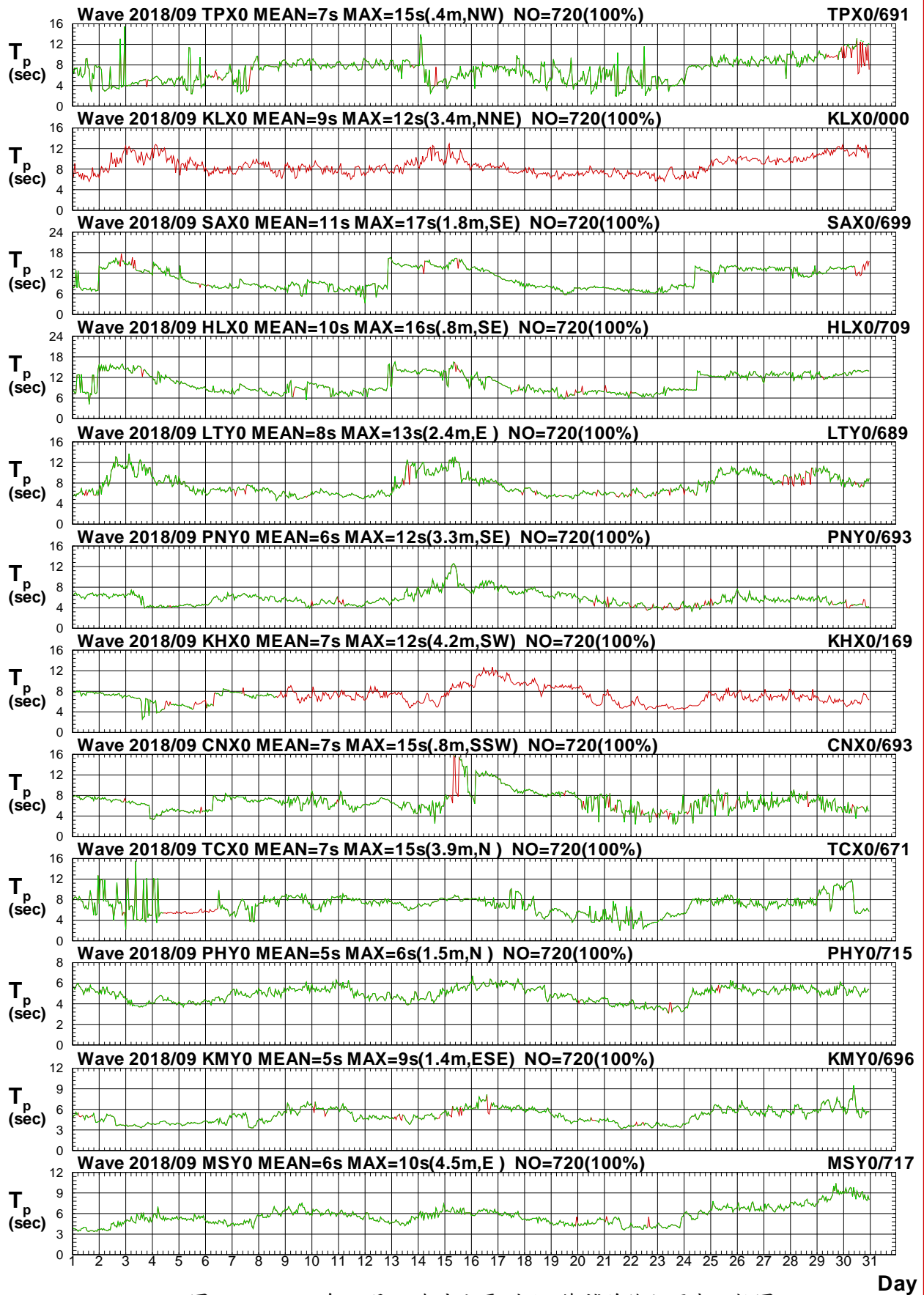


圖3.29 2018年9月12海域主要測站1修補前後之週期比較圖

V189TPX0.1HA V189TPX0.1HO V189KLX0.1HA V189KLX0.1HO V189SAX0.1HA V189SAX0.1HO
 V189HLX0.1HA V189HLX0.1HO V189LTY0.1HA V189LTY0.1HO V189PNY0.1HA V189PNY0.1HO

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Twelve Seas Wave Direction at 2018/09

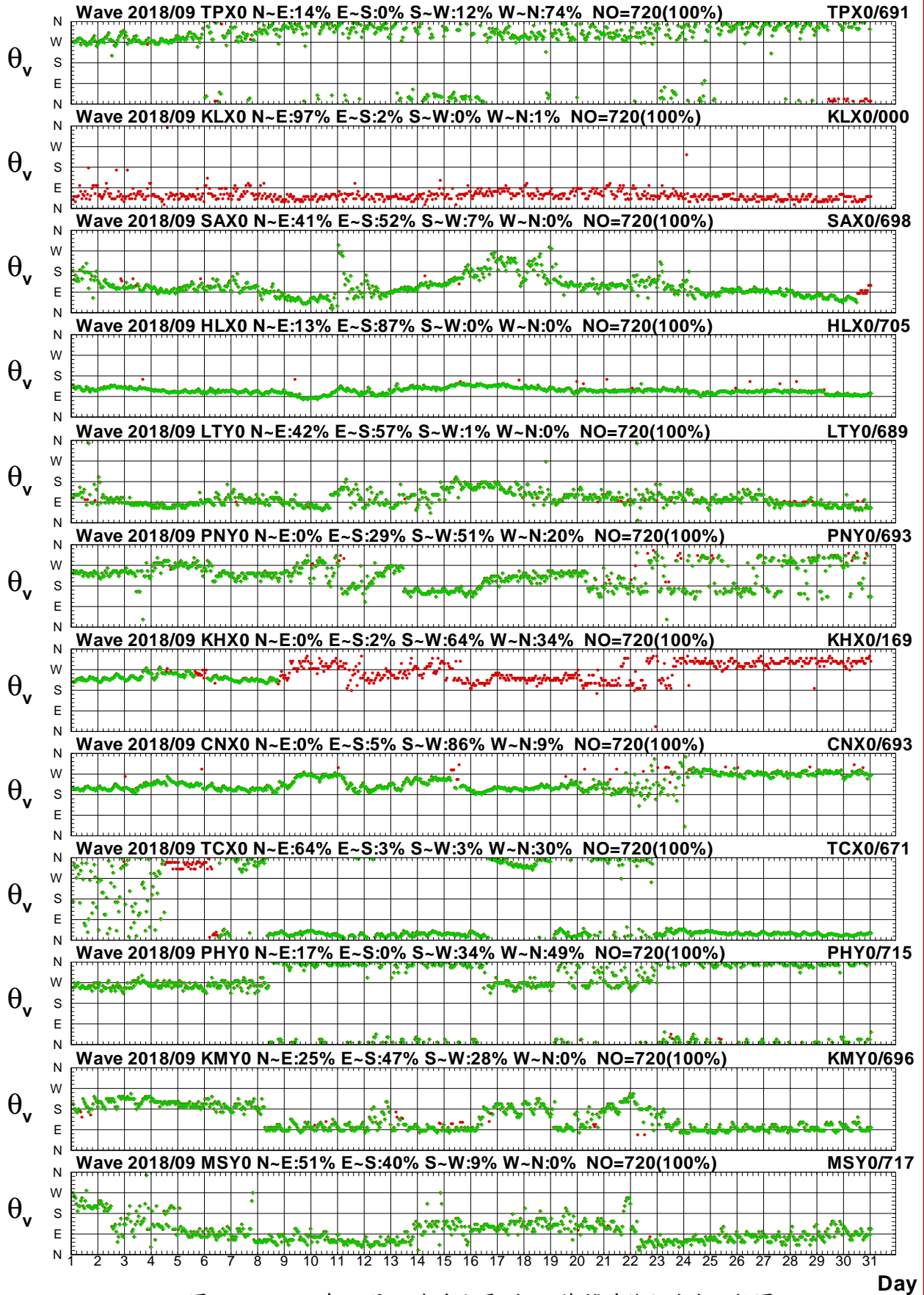


圖3.30 2018年9月12海域主要測站1修補前後之波向比較圖

V189TPX0.1HA V189TPX0.1HO V189KLX0.1HA V189KLX0.1HO V189SAX0.1HA V189SAX0.1HO
 V189HLX0.1HA V189HLX0.1HO V189LTY0.1HA V189LTY0.1HO V189PNY0.1HA V189PNY0.1HO

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Twelve Seas Wave H_s at 2018/10

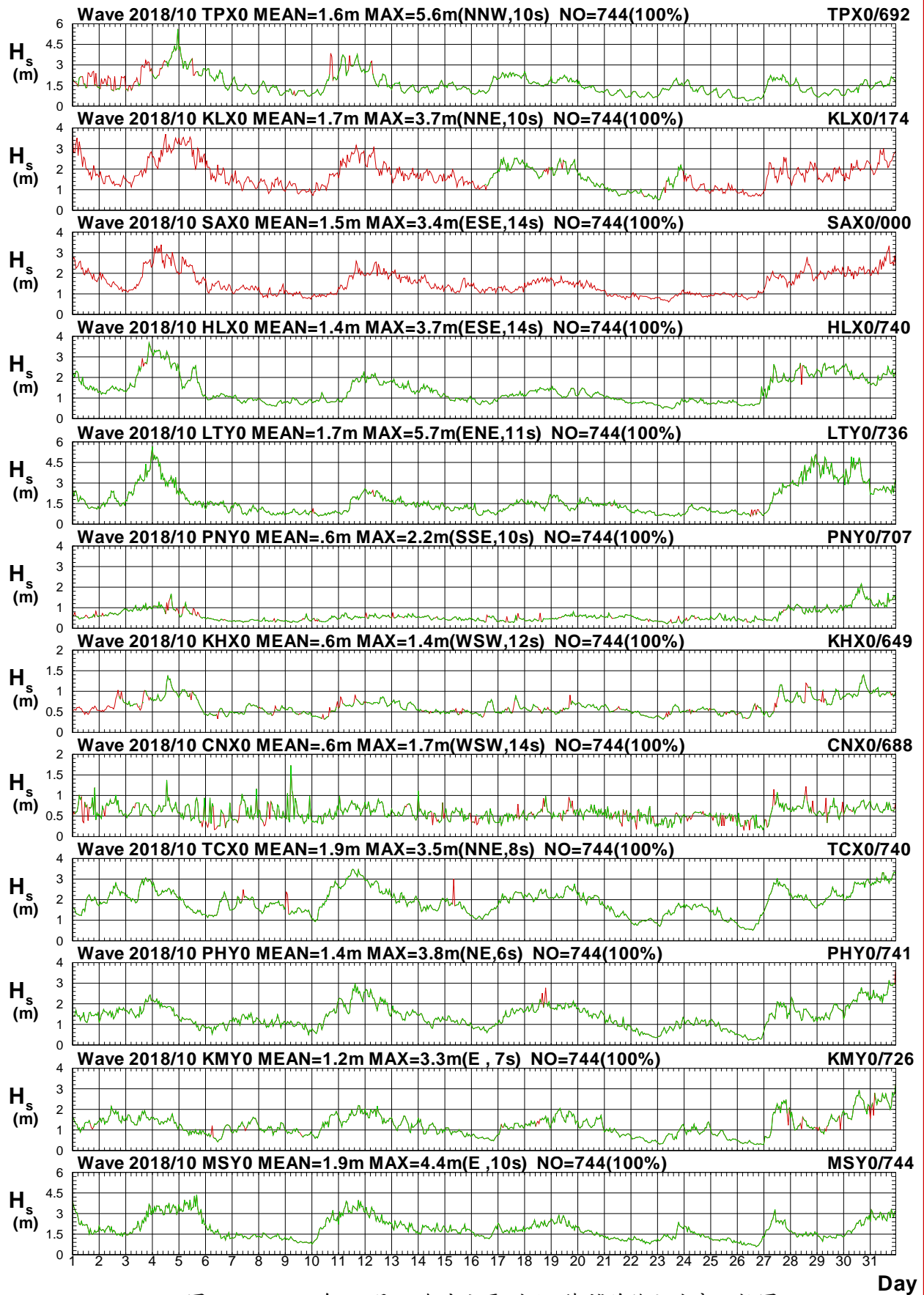


圖3.31 2018年10月12海域主要測站1修補前後之波高比較圖

V18ATPX0.1HA V18ATPX0.1H0 V18AKLX0.1HA V18AKLX0.1H0 V18ASAX0.1HA V18ASAX0.1H0
 V18AHLX0.1HA V18AHLX0.1H0 V18ALTY0.1HA V18ALTY0.1H0 V18APNY0.1HA V18APNY0.1H0

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Twelve Seas Wave T_p at 2018/10

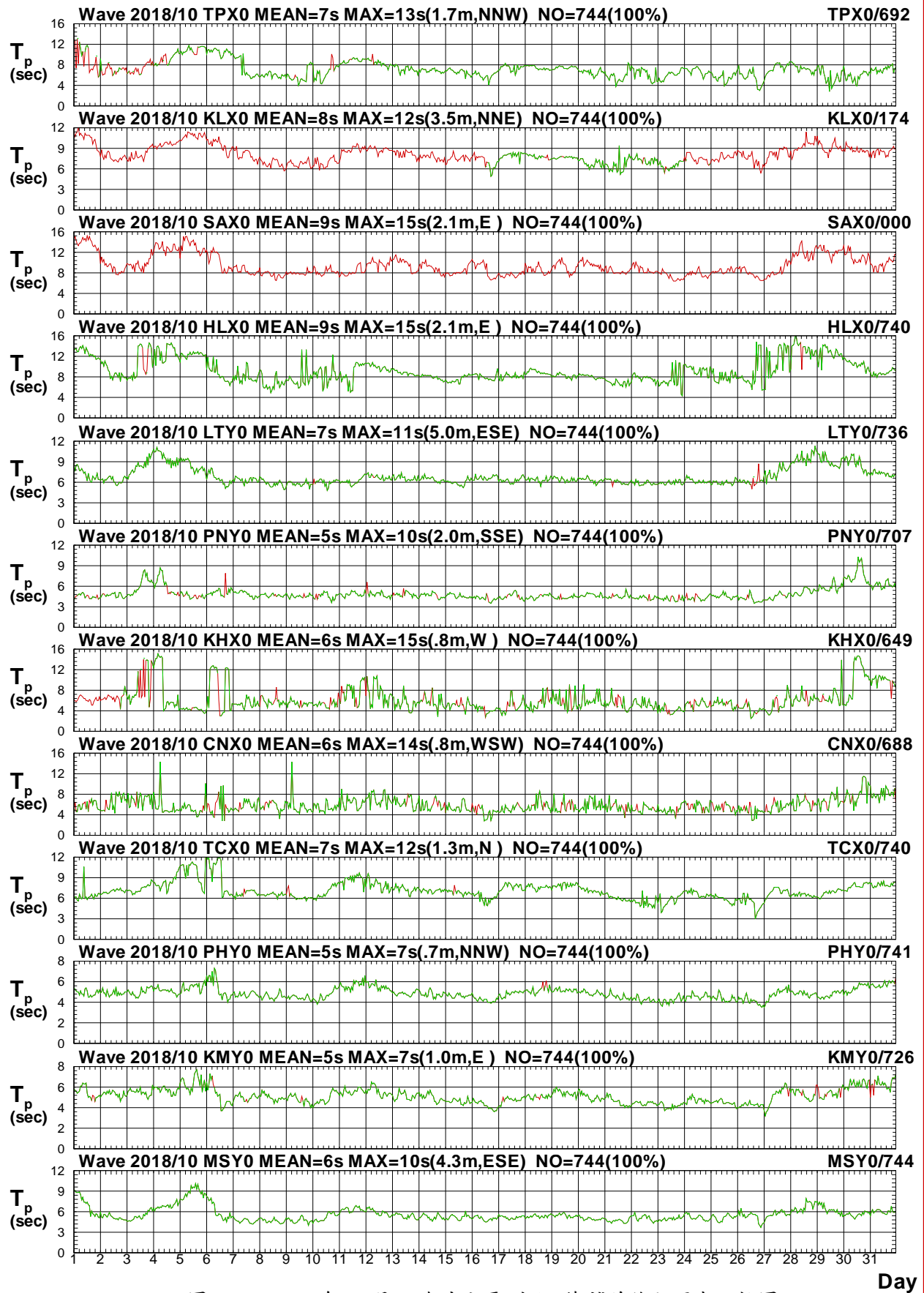


圖3.32 2018年10月12海域主要測站1修補前後之週期比較圖

V18ATPX0.1HA V18ATPX0.1H0 V18AKLX0.1HA V18AKLX0.1H0 V18ASAX0.1HA V18ASAX0.1H0
 V18AHLX0.1HA V18AHLX0.1H0 V18ALTY0.1HA V18ALTY0.1H0 V18APNY0.1HA V18APNY0.1H0

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Twelve Seas Wave Direction at 2018/10

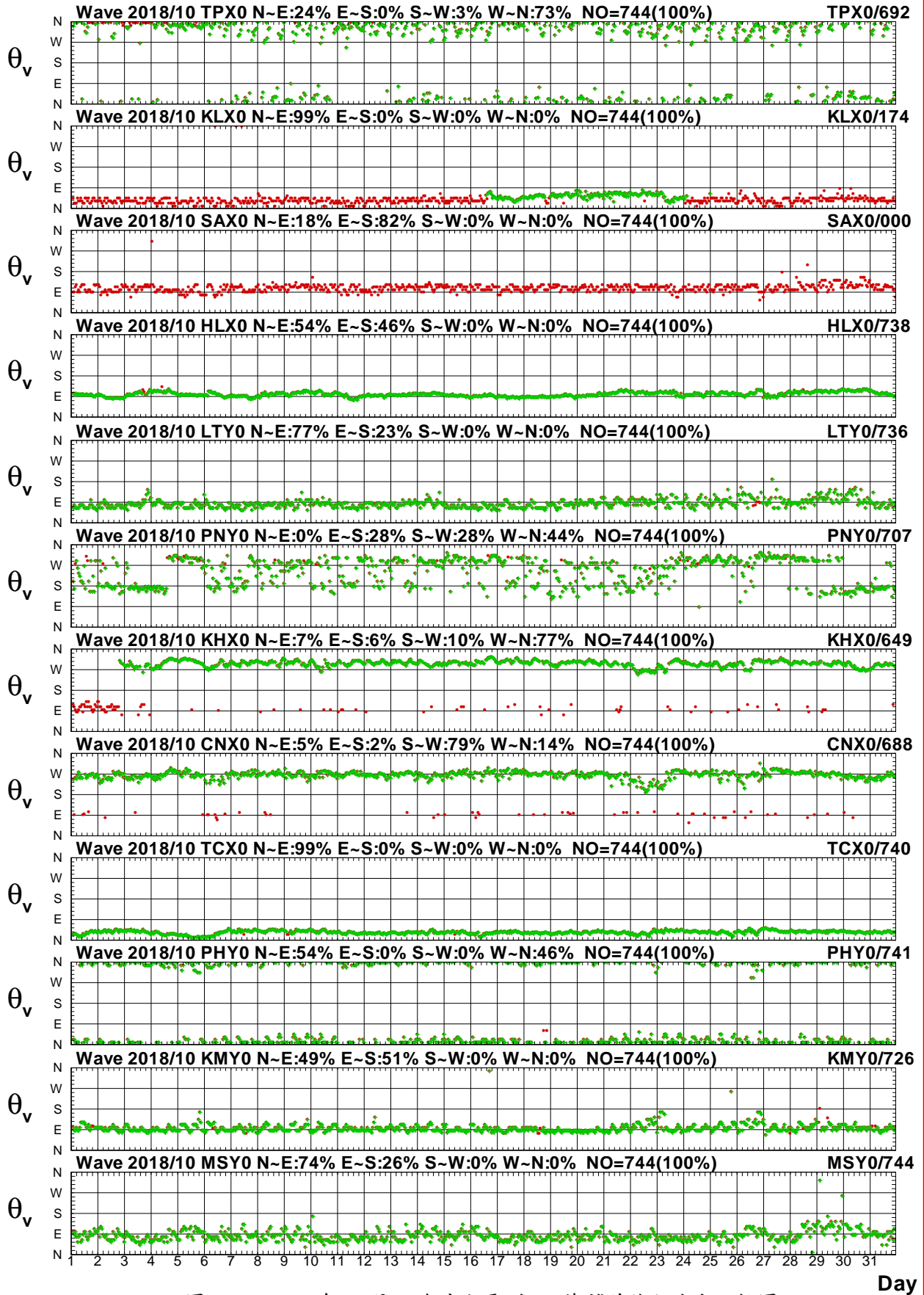


圖3.33 2018年10月12海域主要測站1修補前後之波向比較圖

V18ATPX0.1HA V18ATPX0.1H0 V18AKLX0.1HA V18AKLX0.1H0 V18ASAX0.1HA V18ASAX0.1H0
 V18AHLX0.1HA V18AHLX0.1H0 V18ALTY0.1HA V18ALTY0.1H0 V18APNY0.1HA V18APNY0.1H0

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Twelve Seas Wave H_s at 2018/11

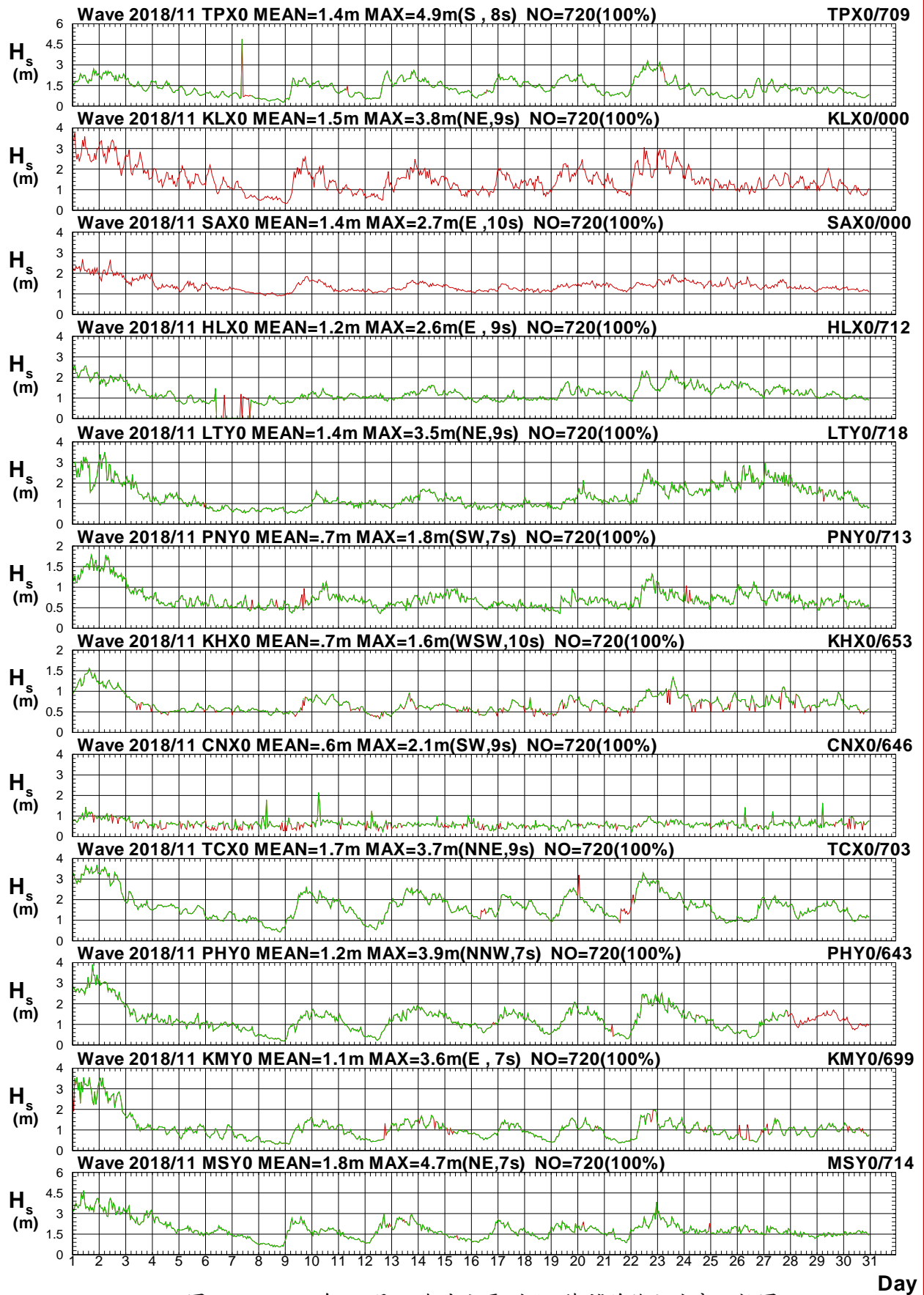


圖3.34 2018年11月12海域主要測站1修補前後之波高比較圖

V18BTPX0.1HA V18BTPX0.1H0 V18BKLX0.1HA V18BKLX0.1H0 V18BSAX0.1HA V18BSAX0.1H0
 V18BHLX0.1HA V18BHLX0.1H0 V18BLTY0.1HA V18BLTY0.1H0 V18BPNY0.1HA V18BPNY0.1H0

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Twelve Seas Wave T_p at 2018/11

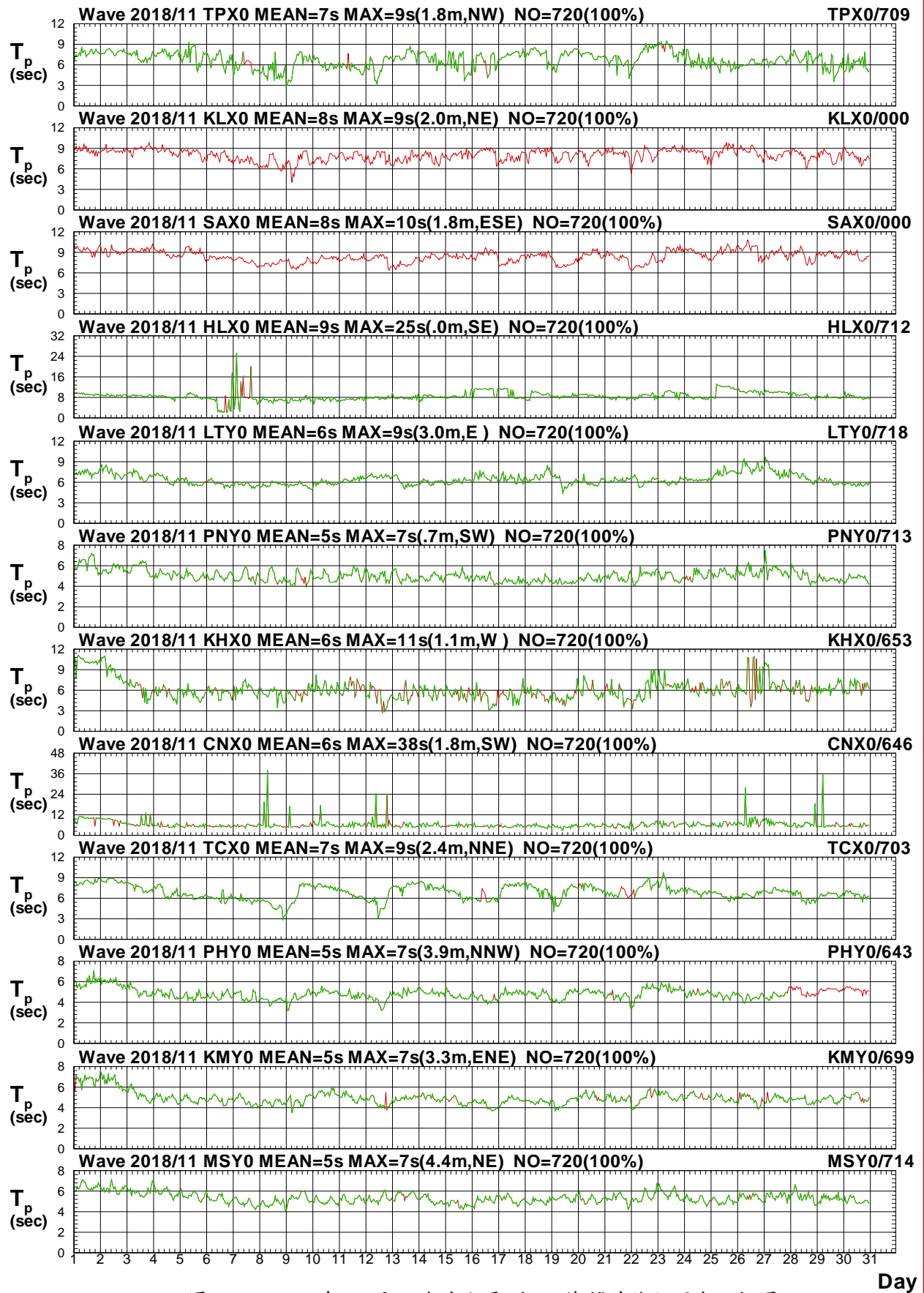


圖3.35 2018年11月12海域主要測站1修補前後之週期比較圖

V18BTPX0.1HA V18BTPX0.1H0 V18BKLX0.1HA V18BKLX0.1H0 V18BSAX0.1HA V18BSAX0.1H0
 V18BHLX0.1HA V18BHLX0.1H0 V18BLTY0.1HA V18BLTY0.1H0 V18BPNY0.1HA V18BPNY0.1H0

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Twelve Seas Wave Direction at 2018/11

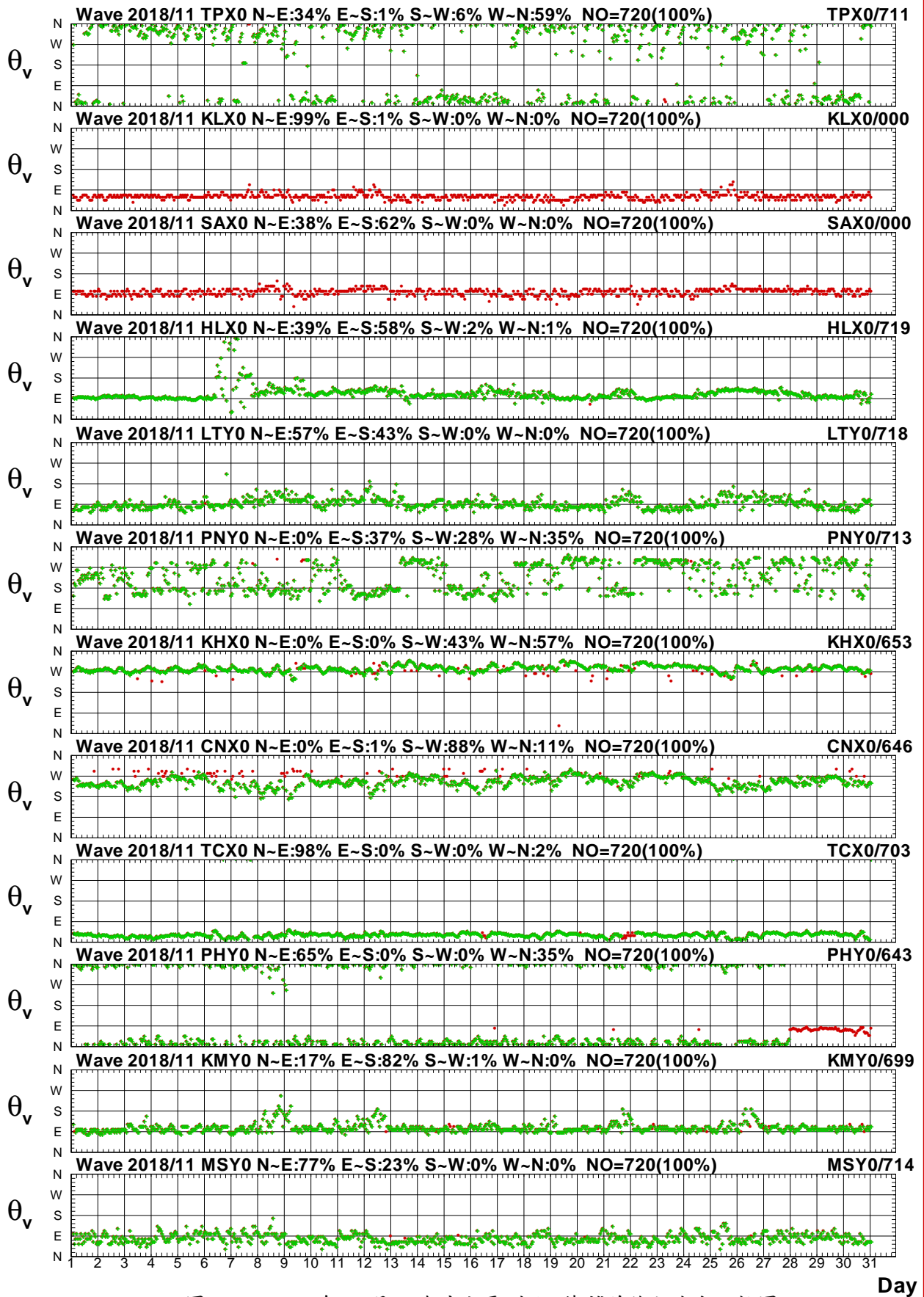


圖3.36 2018年11月12海域主要測站1修補前後之波向比較圖

V18BTPX0.1HA V18BTPX0.1H0 V18BKXLX0.1HA V18BKXLX0.1H0 V18BSAX0.1HA V18BSAX0.1H0
 V18BHLX0.1HA V18BHLX0.1H0 V18BLTY0.1HA V18BLTY0.1H0 V18BPNY0.1HA V18BPNY0.1H0

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第四章 2018 年 12 海域波浪**主要測站 1** 修補前後波高向量分佈圖

(北苗海域)

(北端海域)

(宜蘭海域)

(花蓮海域)

(臺東海域)

(屏東海域)

(高雄海域)

(嘉南海域)

(中雲海域)

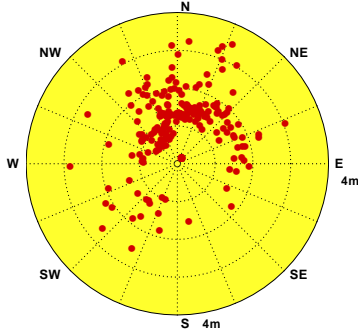
(澎湖海域)

(金門海域)

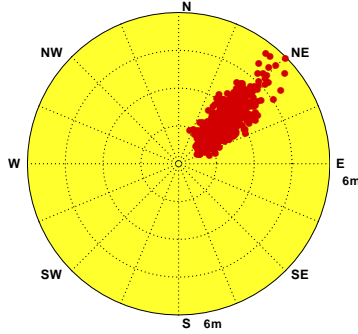
(馬祖海域)

Distribution of H_s Vectors

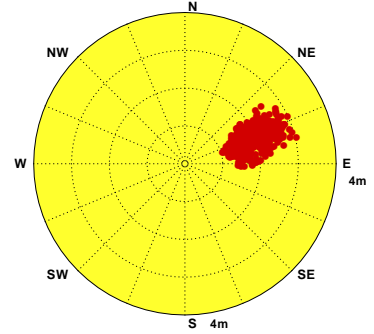
Wave of TPX0 at 2017/12 NO=211(28%)
Hs : MEAN=1.4m MAX=3.3m(NNE,10s)
N-E:40% E-S:5% S-W:10% W-N:45%



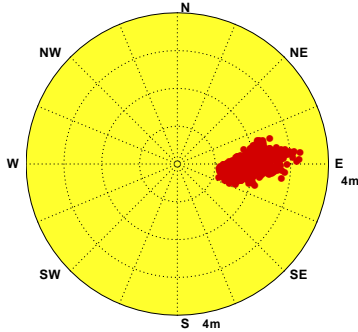
Wave of KLX0 at 2017/12 NO=742(100%)
Hs : MEAN=2.1m MAX=5.7m(NE,11s)
N-E:99% E-S:0% S-W:0% W-N:0%



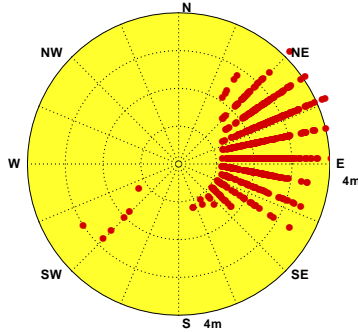
Wave of SAX0 at 2017/12 NO=521(70%)
Hs : MEAN=1.8m MAX=2.9m(E, 9s)
N-E:95% E-S:5% S-W:0% W-N:0%



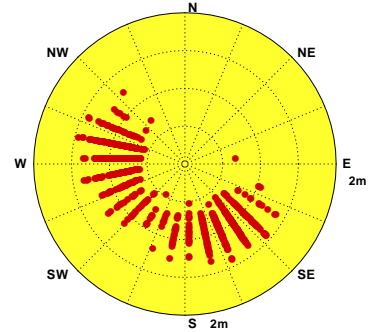
Wave of HLX0 at 2017/12 NO=744(100%)
Hs : MEAN=1.8m MAX=3.1m(E,11s)
N-E:22% E-S:78% S-W:0% W-N:0%



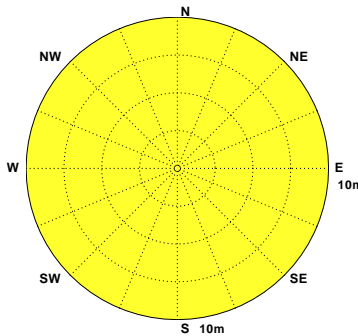
Wave of LTY0 at 2017/12 NO=727(98%)
Hs : MEAN=2.2m MAX=4.1m(ENE,9s)
N-E:51% E-S:48% S-W:1% W-N:0%



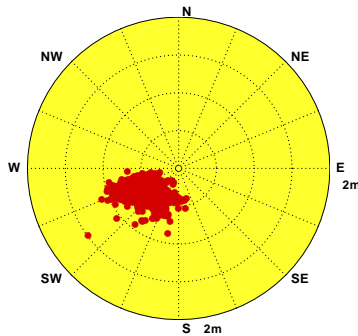
Wave of PNY0 at 2017/12 NO=735(99%)
Hs : MEAN=1.0m MAX=1.5m(W, 6s)
N-E:0% E-S:41% S-W:27% W-N:32%



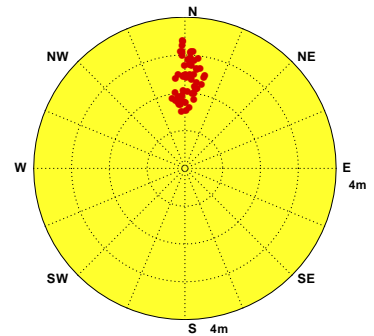
Wave of KHX0 at 2017/12



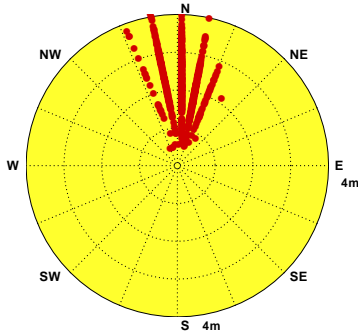
Wave of CNX0 at 2017/12 NO=721(97%)
Hs : MEAN=.7m MAX=1.6m(SW,6s)
N-E:0% E-S:1% S-W:99% W-N:0%



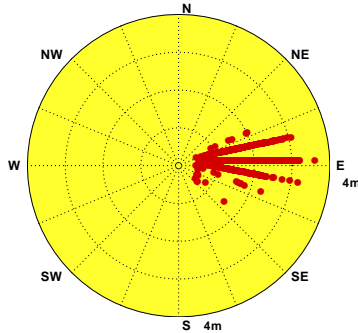
Wave of TCX0 at 2017/12 NO=58(8%)
Hs : MEAN=2.2m MAX=3.2m(N, 8s)
N-E:43% E-S:0% S-W:0% W-N:57%



Wave of PHY0 at 2017/12 NO=693(93%)
Hs : MEAN=2.0m MAX=4.1m(NNW,7s)
N-E:76% E-S:0% S-W:0% W-N:24%



Wave of KMY0 at 2017/12 NO=709(95%)
Hs : MEAN=1.6m MAX=3.5m(E, 7s)
N-E:30% E-S:70% S-W:0% W-N:0%



Wave of MSY0 at 2017/12 NO=125(17%)
Hs : MEAN=2.7m MAX=4.5m(NE,7s)
N-E:72% E-S:28% S-W:0% W-N:0%

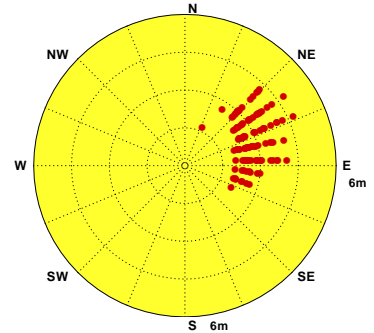


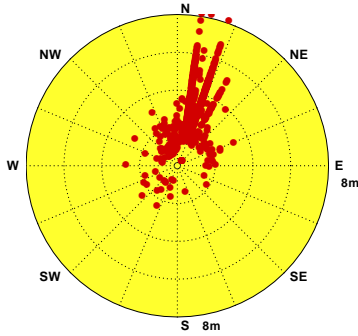
圖4.1a 2017年12月12海域主要測站1修補前波高向量分佈圖

V17CTPX0.1H0 V17CKLX0.1H0 V17CSAX0.1H0 V17CHLX0.1H0 V17CLTY0.1H0 V17CPNY0.1H0
V17CKHX0.1H0 V17CCNX0.1H0 V17CTCX0.1H0 V17CPHY0.1H0 V17CKMY0.1H0 V17CMSY0.1H0

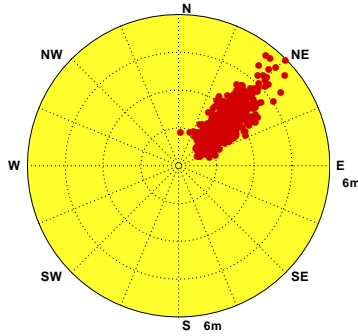
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

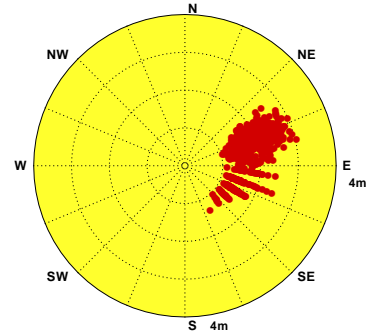
Wave of TPX0 at 2017/12 NO=744(100%)
Hs : MEAN=2.9m MAX=7.8m(NNE,12s)
N-E:83% E-S:1% S-W:3% W-N:13%



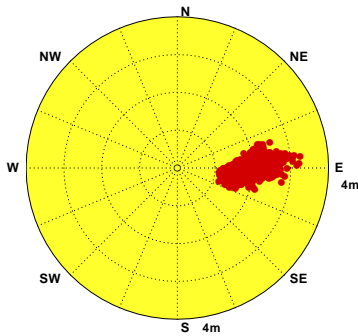
Wave of KLX0 at 2017/12 NO=744(100%)
Hs : MEAN=2.1m MAX=5.7m(NE,11s)
N-E:99% E-S:0% S-W:0% W-N:0%



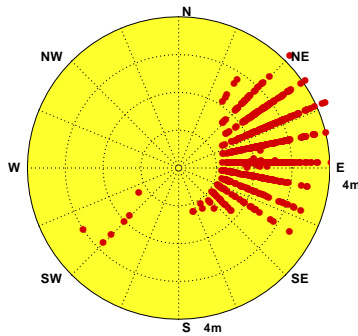
Wave of SAX0 at 2017/12 NO=744(100%)
Hs : MEAN=1.7m MAX=2.9m(E, 9s)
N-E:67% E-S:33% S-W:0% W-N:0%



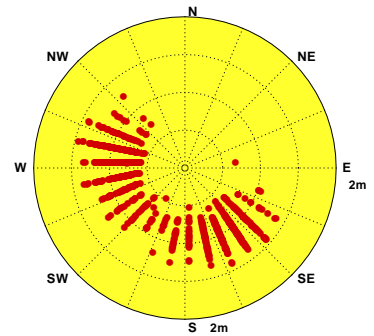
Wave of HLX0 at 2017/12 NO=744(100%)
Hs : MEAN=1.8m MAX=3.1m(E,11s)
N-E:22% E-S:78% S-W:0% W-N:0%



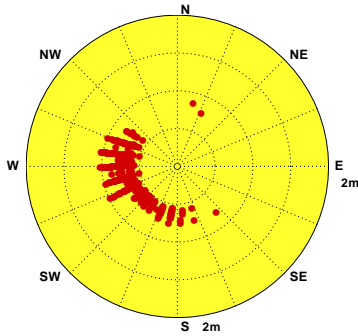
Wave of LTY0 at 2017/12 NO=744(100%)
Hs : MEAN=2.1m MAX=4.1m(ENE,9s)
N-E:51% E-S:48% S-W:1% W-N:0%



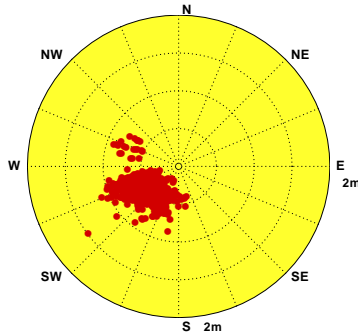
Wave of PNY0 at 2017/12 NO=744(100%)
Hs : MEAN=1.0m MAX=1.5m(W, 6s)
N-E:0% E-S:41% S-W:27% W-N:32%



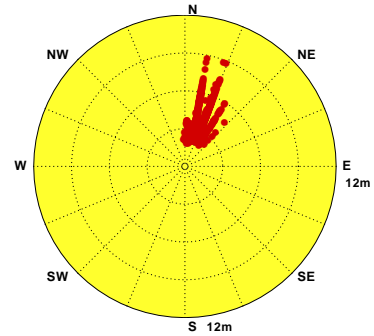
Wave of KHX0 at 2017/12 NO=744(100%)
Hs : MEAN=.8m MAX=1.1m(W, 9s)
N-E:0% E-S:1% S-W:65% W-N:34%



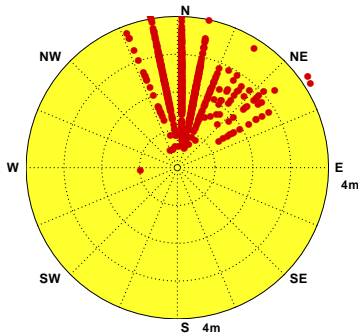
Wave of CNX0 at 2017/12 NO=744(100%)
Hs : MEAN=.7m MAX=1.6m(SW,6s)
N-E:0% E-S:1% S-W:96% W-N:3%



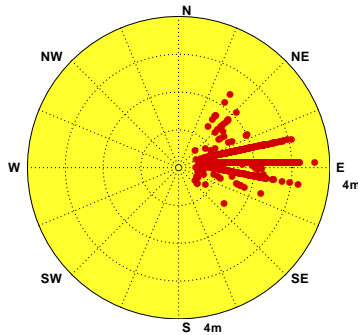
Wave of TCX0 at 2017/12 NO=744(100%)
Hs : MEAN=3.6m MAX=8.3m(NNE,11s)
N-E:95% E-S:0% S-W:0% W-N:5%



Wave of PHY0 at 2017/12 NO=744(100%)
Hs : MEAN=2.1m MAX=4.1m(NNW,7s)
N-E:78% E-S:0% S-W:0% W-N:22%



Wave of KMY0 at 2017/12 NO=744(100%)
Hs : MEAN=1.6m MAX=3.5m(E, 7s)
N-E:32% E-S:68% S-W:0% W-N:0%



Wave of MSY0 at 2017/12 NO=744(100%)
Hs : MEAN=1.9m MAX=4.5m(NE,7s)
N-E:26% E-S:5% S-W:67% W-N:2%

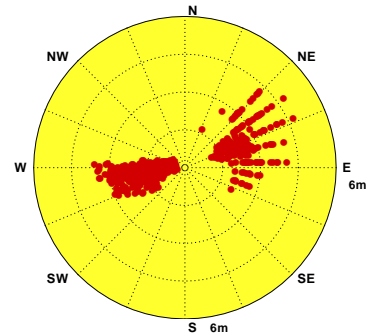


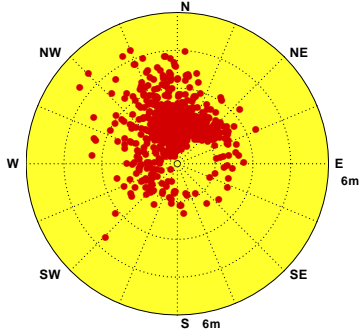
圖4.1b 2017年12月12海域主要測站1修補後波高向量分佈圖

V17CTPX0.1HA V17CKLX0.1HA V17CSAX0.1HA V17CHLX0.1HA V17CLTY0.1HA V17CPNY0.1HA
V17CKHX0.1HA V17CCNX0.1HA V17CTCX0.1HA V17CPHY0.1HA V17CKMY0.1HA V17CMSY0.1HA

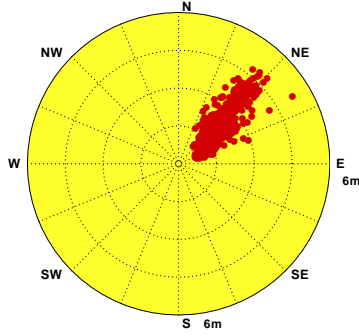
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

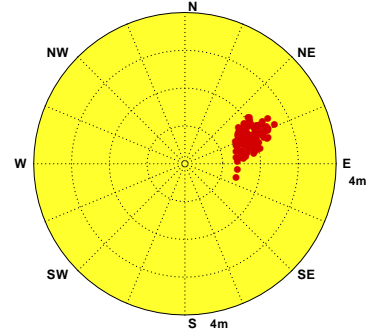
Wave of TPX0 at 2018/01 NO=713(96%)
Hs : MEAN=1.7m MAX=5.0m(NW,10s)
N-E:31% E-S:2% S-W:9% W-N:58%



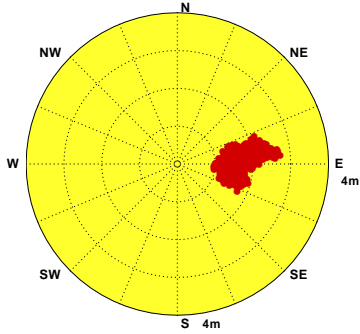
Wave of KLX0 at 2018/01 NO=737(99%)
Hs : MEAN=1.8m MAX=5.0m(ENE,9s)
N-E:99% E-S:0% S-W:0% W-N:0%



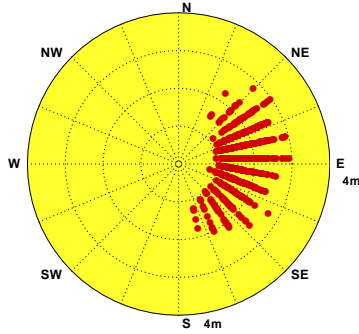
Wave of SAX0 at 2018/01 NO=146(20%)
Hs : MEAN=1.7m MAX=2.4m(ENE,9s)
N-E:97% E-S:3% S-W:0% W-N:0%



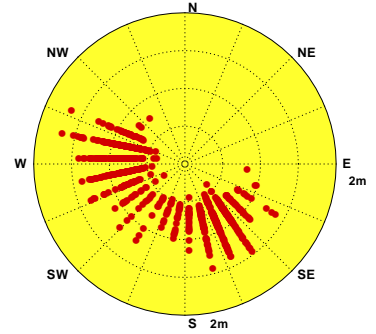
Wave of HLX0 at 2018/01 NO=744(100%)
Hs : MEAN=1.5m MAX=2.6m(E,10s)
N-E:39% E-S:61% S-W:0% W-N:0%



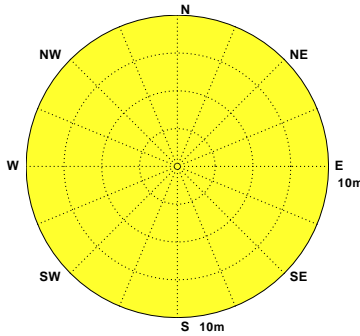
Wave of LTY0 at 2018/01 NO=735(99%)
Hs : MEAN=1.6m MAX=2.8m(E,7s)
N-E:40% E-S:60% S-W:0% W-N:0%



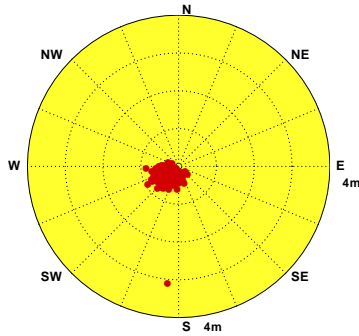
Wave of PNY0 at 2018/01 NO=738(99%)
Hs : MEAN=.9m MAX=1.7m(W,7s)
N-E:0% E-S:43% S-W:27% W-N:30%



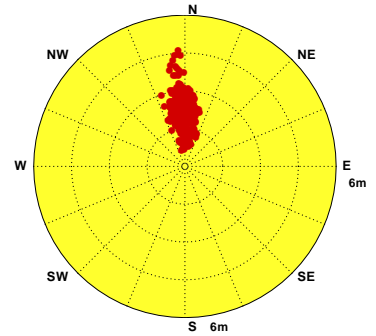
Wave of KHX0 at 2018/01



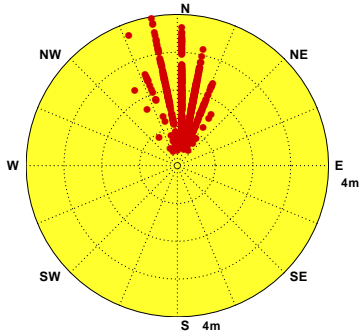
Wave of CNX0 at 2018/01 NO=713(96%)
Hs : MEAN=.6m MAX=3.3m(S,7s)
N-E:0% E-S:1% S-W:99% W-N:0%



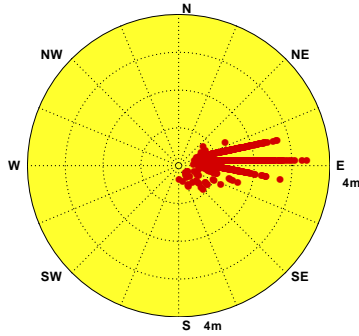
Wave of TCX0 at 2018/01 NO=599(81%)
Hs : MEAN=2.0m MAX=4.4m(N,10s)
N-E:24% E-S:0% S-W:0% W-N:76%



Wave of PHY0 at 2018/01 NO=694(93%)
Hs : MEAN=1.7m MAX=3.8m(NNW,7s)
N-E:78% E-S:0% S-W:0% W-N:22%



Wave of KMY0 at 2018/01 NO=714(96%)
Hs : MEAN=1.3m MAX=3.3m(E,7s)
N-E:19% E-S:81% S-W:0% W-N:0%



Wave of MSY0 at 2018/01

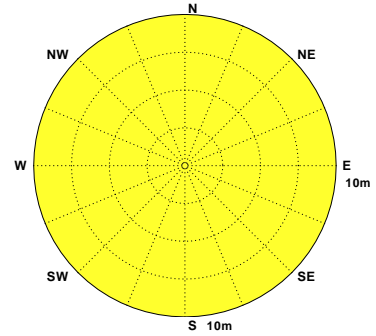


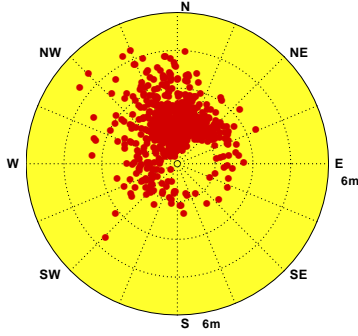
圖4.2a 2018年1月12海域主要測站1修補前波高向量分佈圖

V181TPX0.1H0 V181KLX0.1H0 V181SAX0.1H0 V181HLX0.1H0 V181LTY0.1H0 V181PNY0.1H0
V181KHX0.1H0 V181CNX0.1H0 V181TCX0.1H0 V181PHY0.1H0 V181KMY0.1H0 V181MSY0.1H0

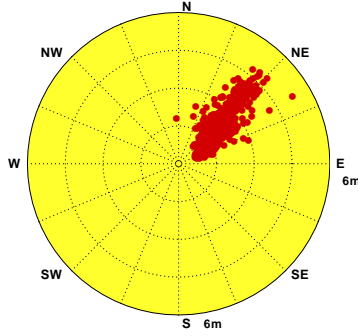
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

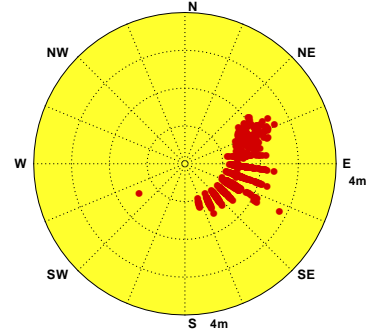
Wave of TPX0 at 2018/01 NO=744(100%)
Hs : MEAN=1.7m MAX=5.0m(NW,10s)
N-E:32% E-S:2% S-W:9% W-N:57%



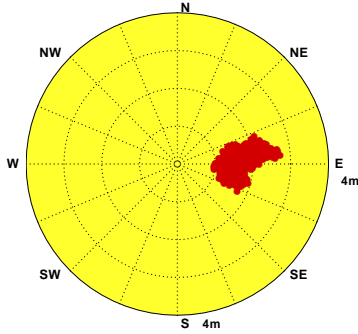
Wave of KLX0 at 2018/01 NO=744(100%)
Hs : MEAN=1.8m MAX=5.0m(ENE,9s)
N-E:99% E-S:0% S-W:0% W-N:0%



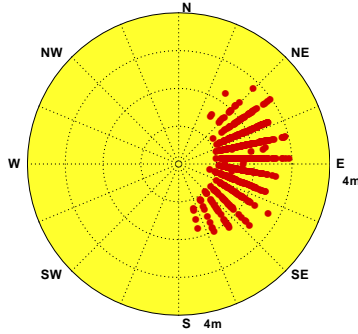
Wave of SAX0 at 2018/01 NO=744(100%)
Hs : MEAN=1.4m MAX=2.8m(ESE,10s)
N-E:26% E-S:74% S-W:0% W-N:0%



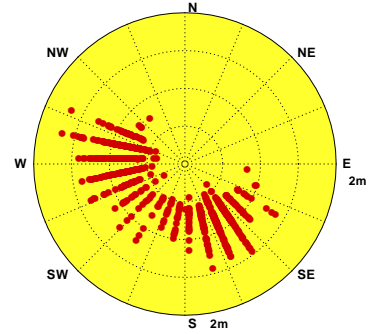
Wave of HLX0 at 2018/01 NO=744(100%)
Hs : MEAN=1.5m MAX=2.6m(E,10s)
N-E:39% E-S:61% S-W:0% W-N:0%



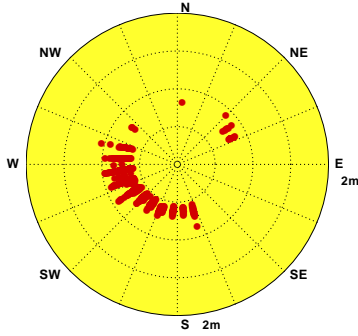
Wave of LTY0 at 2018/01 NO=744(100%)
Hs : MEAN=1.6m MAX=2.8m(E,7s)
N-E:40% E-S:60% S-W:0% W-N:0%



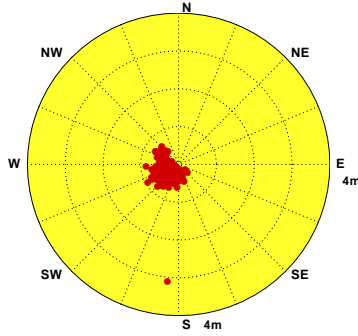
Wave of PNY0 at 2018/01 NO=744(100%)
Hs : MEAN=0.9m MAX=1.7m(W,7s)
N-E:0% E-S:42% S-W:27% W-N:31%



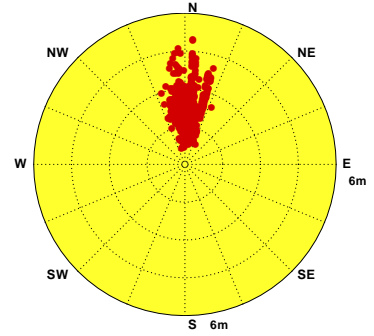
Wave of KHX0 at 2018/01 NO=744(100%)
Hs : MEAN=0.8m MAX=1.1m(W,8s)
N-E:3% E-S:4% S-W:78% W-N:15%



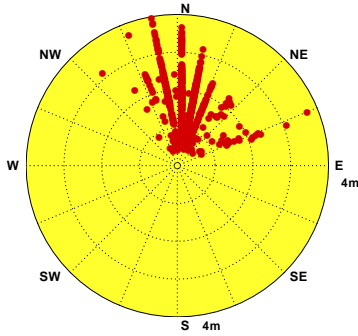
Wave of CNX0 at 2018/01 NO=744(100%)
Hs : MEAN=0.6m MAX=3.3m(S,7s)
N-E:0% E-S:1% S-W:96% W-N:3%



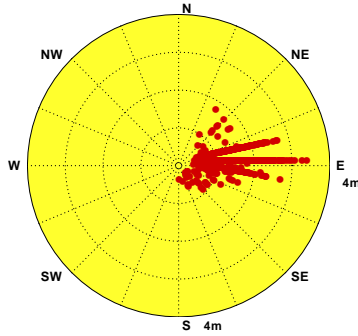
Wave of TCX0 at 2018/01 NO=744(100%)
Hs : MEAN=2.1m MAX=4.7m(N,9s)
N-E:38% E-S:0% S-W:0% W-N:62%



Wave of PHY0 at 2018/01 NO=744(100%)
Hs : MEAN=1.7m MAX=3.8m(NNW,7s)
N-E:78% E-S:0% S-W:0% W-N:22%



Wave of KMY0 at 2018/01 NO=744(100%)
Hs : MEAN=1.3m MAX=3.3m(E,7s)
N-E:20% E-S:80% S-W:0% W-N:0%



Wave of MSY0 at 2018/01 NO=744(100%)
Hs : MEAN=1.7m MAX=5.1m(E,5s)
N-E:77% E-S:4% S-W:14% W-N:5%

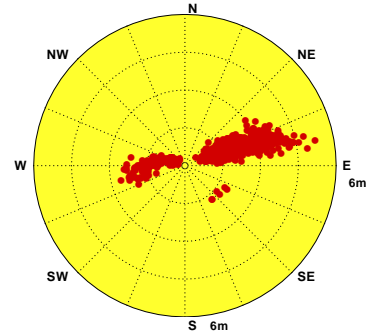


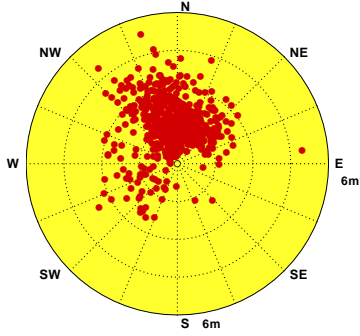
圖4.2b 2018年1月12海域主要測站1修補後波高向量分佈圖

V181TPX0.1HA V181KLX0.1HA V181SAX0.1HA V181HLX0.1HA V181LTY0.1HA V181PNY0.1HA
V181KHX0.1HA V181CNX0.1HA V181TCX0.1HA V181PHY0.1HA V181KMY0.1HA V181MSY0.1HA

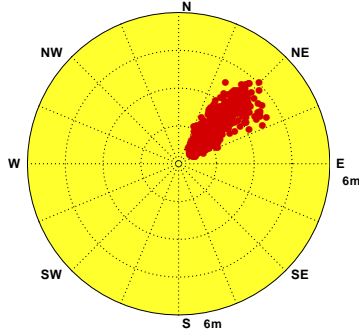
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

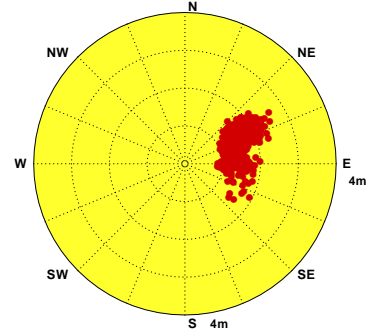
Wave of TPX0 at 2018/02 NO=640(95%)
Hs : MEAN=1.7m MAX=5.2m(NNW,11s)
N-E:28% E-S:1% S-W:7% W-N:64%



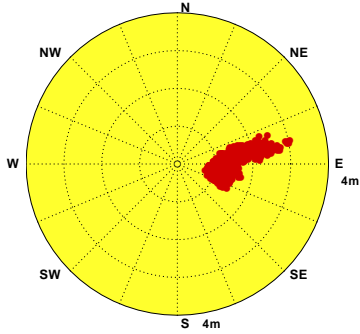
Wave of KLX0 at 2018/02 NO=667(99%)
Hs : MEAN=1.8m MAX=4.3m(NE,10s)
N-E:99% E-S:0% S-W:0% W-N:0%



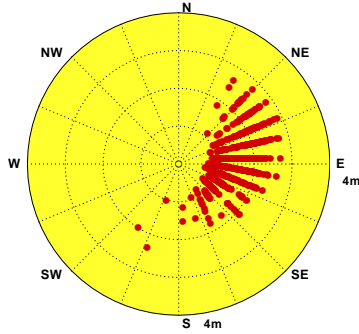
Wave of SAX0 at 2018/02 NO=607(90%)
Hs : MEAN=1.4m MAX=2.4m(ENE,10s)
N-E:81% E-S:19% S-W:0% W-N:0%



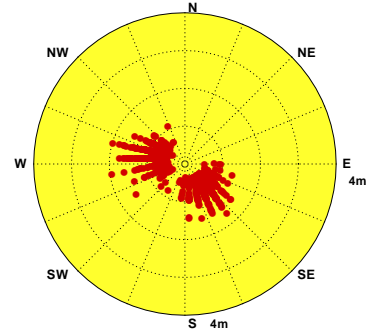
Wave of HLX0 at 2018/02 NO=671(100%)
Hs : MEAN=1.5m MAX=2.9m(E,11s)
N-E:49% E-S:51% S-W:0% W-N:0%



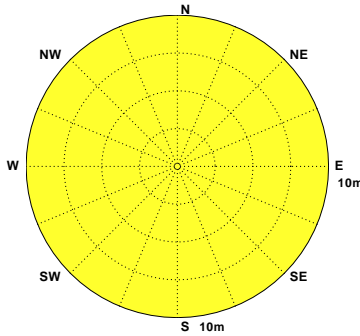
Wave of LTY0 at 2018/02 NO=659(98%)
Hs : MEAN=1.5m MAX=2.7m(ENE,7s)
N-E:35% E-S:64% S-W:1% W-N:0%



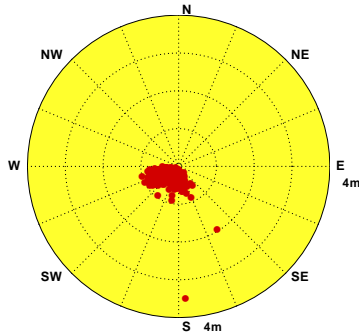
Wave of PNY0 at 2018/02 NO=663(99%)
Hs : MEAN=.9m MAX=2.1m(WSW,7s)
N-E:0% E-S:45% S-W:15% W-N:40%



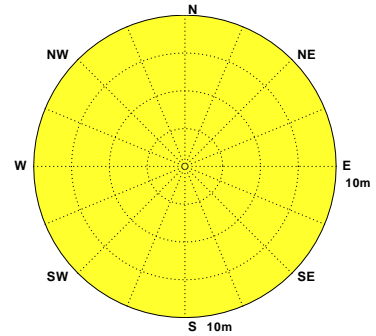
Wave of KHX0 at 2018/02



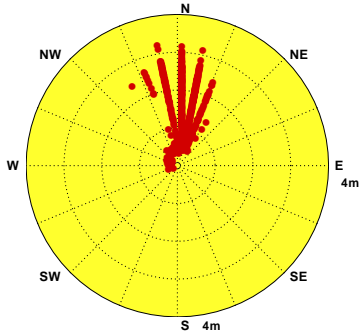
Wave of CNX0 at 2018/02 NO=644(96%)
Hs : MEAN=.6m MAX=3.6m(S,13s)
N-E:0% E-S:4% S-W:96% W-N:0%



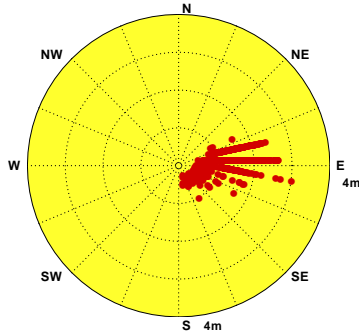
Wave of TCX0 at 2018/02



Wave of PHY0 at 2018/02 NO=638(95%)
Hs : MEAN=1.5m MAX=3.1m(NNW,6s)
N-E:74% E-S:0% S-W:2% W-N:24%



Wave of KMY0 at 2018/02 NO=629(94%)
Hs : MEAN=1.3m MAX=2.9m(E,7s)
N-E:18% E-S:81% S-W:1% W-N:0%



Wave of MSY0 at 2018/02

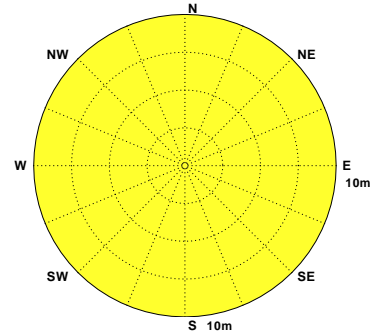


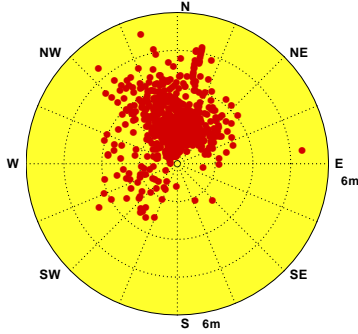
圖4.3a 2018年2月12海域主要測站1修補前波高向量分佈圖

V182TPX0.1H0 V182KLX0.1H0 V182SAX0.1H0 V182HLX0.1H0 V182LTY0.1H0 V182PNY0.1H0
V182KHX0.1H0 V182CNX0.1H0 V182TCX0.1H0 V182PHY0.1H0 V182KMY0.1H0 V182MSY0.1H0

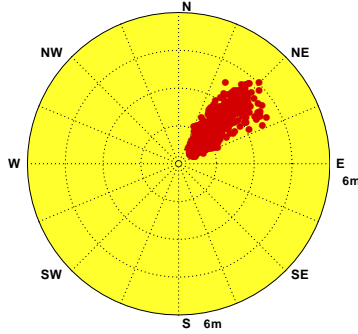
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

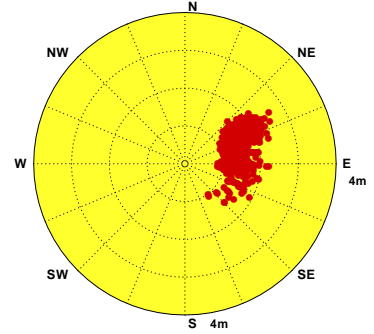
Wave of TPX0 at 2018/02 NO=672(100%)
 Hs : MEAN=1.7m MAX=5.2m(NNW,11s)
 N-E:32% E-S:1% S-W:7% W-N:60%



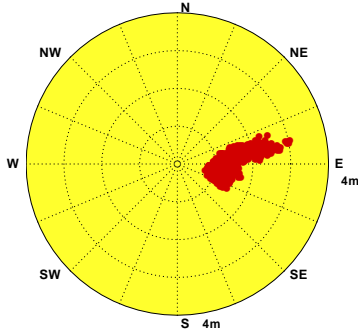
Wave of KLX0 at 2018/02 NO=672(100%)
 Hs : MEAN=1.8m MAX=4.3m(NE,10s)
 N-E:99% E-S:0% S-W:0% W-N:0%



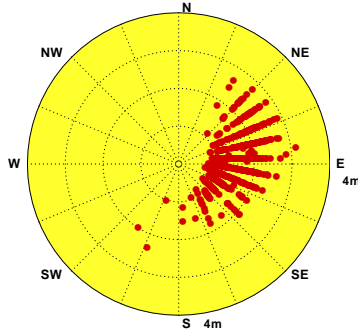
Wave of SAX0 at 2018/02 NO=672(100%)
 Hs : MEAN=1.5m MAX=2.4m(ENE,10s)
 N-E:76% E-S:24% S-W:0% W-N:0%



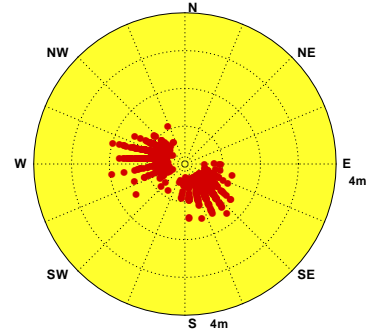
Wave of HLX0 at 2018/02 NO=672(100%)
 Hs : MEAN=1.5m MAX=2.9m(E,11s)
 N-E:49% E-S:51% S-W:0% W-N:0%



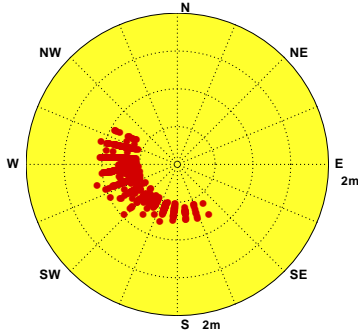
Wave of LTY0 at 2018/02 NO=672(100%)
 Hs : MEAN=1.5m MAX=3.0m(E,7s)
 N-E:35% E-S:64% S-W:1% W-N:0%



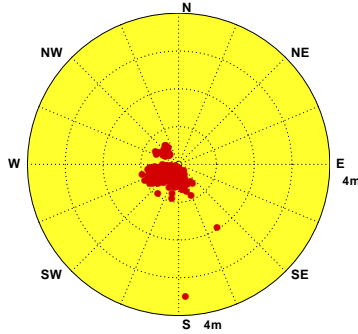
Wave of PNY0 at 2018/02 NO=672(100%)
 Hs : MEAN=.9m MAX=2.1m(WSW,7s)
 N-E:0% E-S:44% S-W:16% W-N:40%



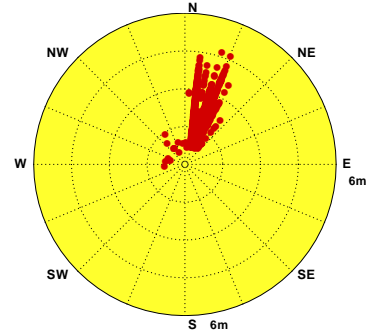
Wave of KHX0 at 2018/02 NO=672(100%)
 Hs : MEAN=.8m MAX=1.2m(WSW,8s)
 N-E:0% E-S:4% S-W:65% W-N:31%



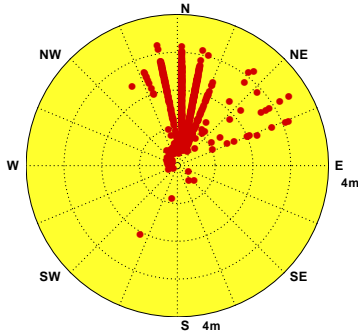
Wave of CNX0 at 2018/02 NO=672(100%)
 Hs : MEAN=.6m MAX=3.6m(S,13s)
 N-E:0% E-S:4% S-W:92% W-N:4%



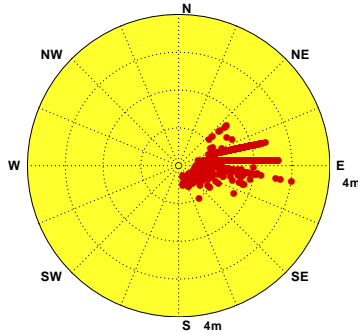
Wave of TCX0 at 2018/02 NO=672(100%)
 Hs : MEAN=2.0m MAX=4.4m(NNE,10s)
 N-E:97% E-S:0% S-W:1% W-N:2%



Wave of PHY0 at 2018/02 NO=672(100%)
 Hs : MEAN=1.5m MAX=3.3m(ENE,6s)
 N-E:75% E-S:0% S-W:2% W-N:23%



Wave of KMY0 at 2018/02 NO=672(100%)
 Hs : MEAN=1.3m MAX=2.9m(E,7s)
 N-E:19% E-S:80% S-W:1% W-N:0%



Wave of MSY0 at 2018/02 NO=672(100%)
 Hs : MEAN=1.5m MAX=4.0m(E,5s)
 N-E:94% E-S:6% S-W:0% W-N:0%

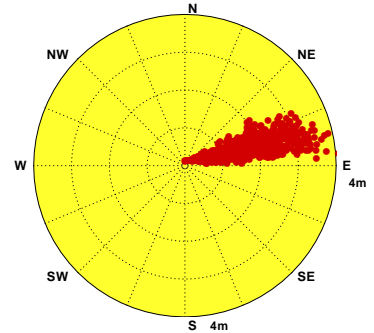


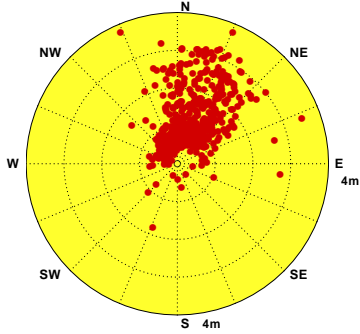
圖4.3b 2018年2月12海域主要測站1修補後波高向量分佈圖

V182TPX0.1HA V182KLX0.1HA V182SAX0.1HA V182HLX0.1HA V182LTY0.1HA V182PNY0.1HA
 V182KHX0.1HA V182CNX0.1HA V182TCX0.1HA V182PHY0.1HA V182KMY0.1HA V182MSY0.1HA

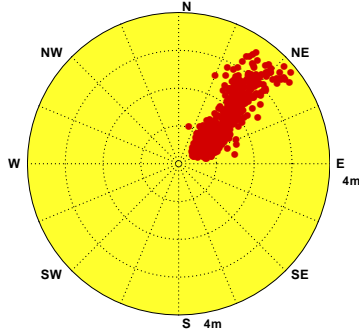
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

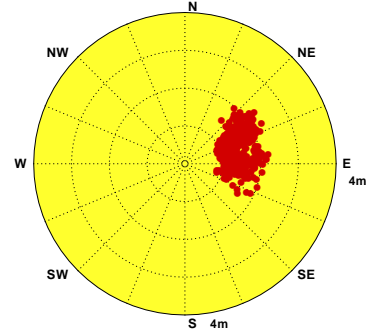
Wave of TPX0 at 2018/03 NO=632(85%)
 Hs : MEAN=1.1m MAX=3.7m(NNW,7s)
 N-E:59% E-S:1% S-W:3% W-N:37%



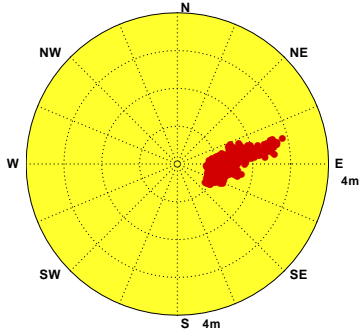
Wave of KLX0 at 2018/03 NO=738(99%)
 Hs : MEAN=1.2m MAX=3.6m(NE,10s)
 N-E:99% E-S:0% S-W:0% W-N:0%



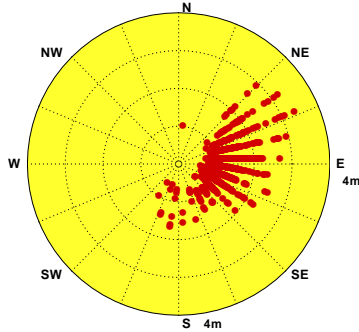
Wave of SAX0 at 2018/03 NO=681(92%)
 Hs : MEAN=1.3m MAX=2.1m(ENE,11s)
 N-E:63% E-S:37% S-W:0% W-N:0%



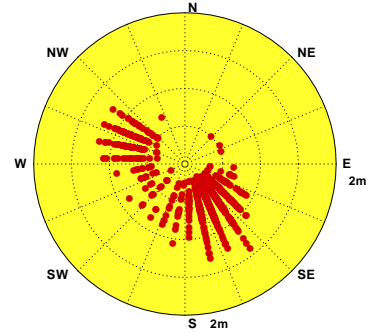
Wave of HLX0 at 2018/03 NO=633(85%)
 Hs : MEAN=1.2m MAX=2.7m(ENE,10s)
 N-E:25% E-S:75% S-W:0% W-N:0%



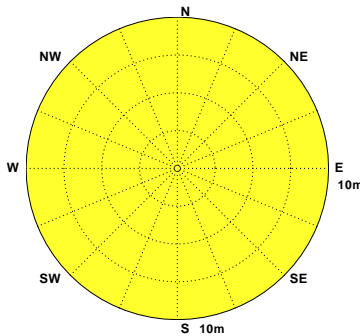
Wave of LTY0 at 2018/03 NO=732(98%)
 Hs : MEAN=1.2m MAX=3.2m(ENE,9s)
 N-E:22% E-S:76% S-W:2% W-N:0%



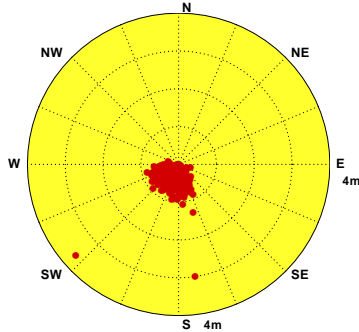
Wave of PNY0 at 2018/03 NO=730(98%)
 Hs : MEAN=.7m MAX=1.4m(SE,5s)
 N-E:0% E-S:68% S-W:12% W-N:20%



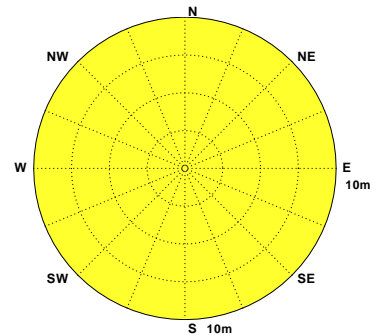
Wave of KHX0 at 2018/03



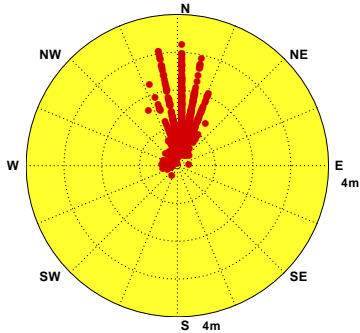
Wave of CNX0 at 2018/03 NO=695(93%)
 Hs : MEAN=.6m MAX=3.8m(SW,7s)
 N-E:0% E-S:11% S-W:89% W-N:0%



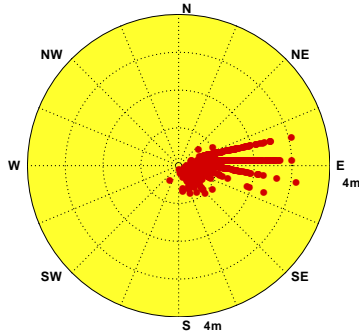
Wave of TCX0 at 2018/03



Wave of PHY0 at 2018/03 NO=688(92%)
 Hs : MEAN=1.0m MAX=3.1m(N, 7s)
 N-E:71% E-S:0% S-W:5% W-N:24%



Wave of KMY0 at 2018/03 NO=712(96%)
 Hs : MEAN=.9m MAX=3.0m(E, 7s)
 N-E:12% E-S:87% S-W:1% W-N:0%



Wave of MSY0 at 2018/03

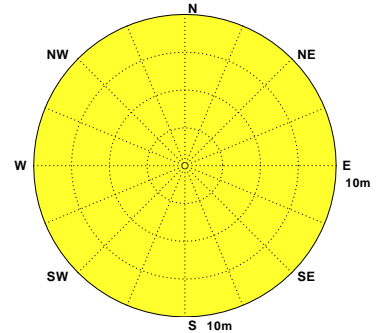


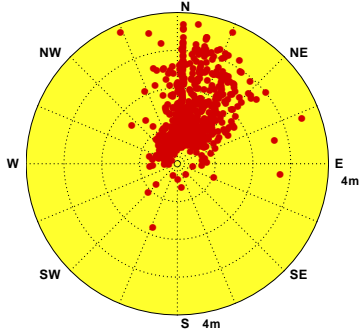
圖4.4a 2018年3月12海域主要測站1修補前波高向量分佈圖

V183TPX0.1H0 V183KLX0.1H0 V183SAX0.1H0 V183HLX0.1H0 V183LTY0.1H0 V183PNY0.1H0
 V183KHX0.1H0 V183CNX0.1H0 V183TCX0.1H0 V183PHY0.1H0 V183KMY0.1H0 V183MSY0.1H0

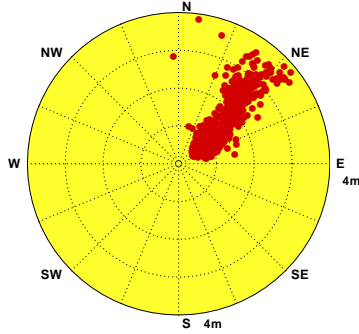
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

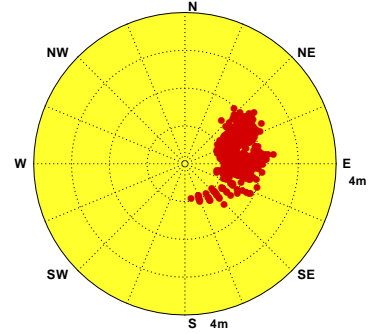
Wave of TPX0 at 2018/03 NO=744(100%)
Hs : MEAN=1.2m MAX=3.7m(NNW,7s)
N-E:64% E-S:1% S-W:2% W-N:33%



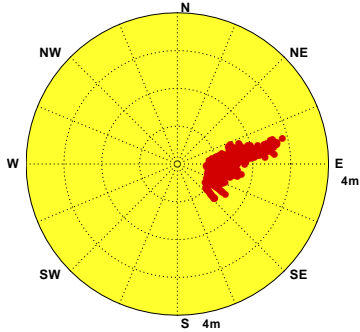
Wave of KLX0 at 2018/03 NO=744(100%)
Hs : MEAN=1.3m MAX=3.7m(N, 9s)
N-E:99% E-S:0% S-W:0% W-N:0%



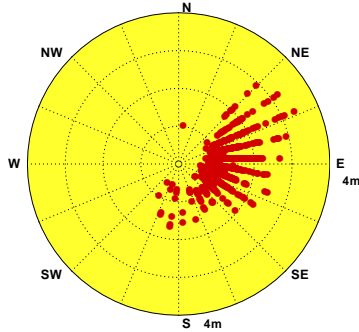
Wave of SAX0 at 2018/03 NO=744(100%)
Hs : MEAN=1.3m MAX=2.2m(E, 10s)
N-E:59% E-S:41% S-W:0% W-N:0%



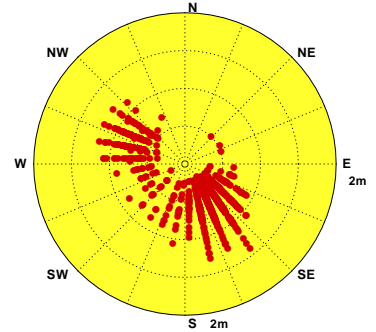
Wave of HLX0 at 2018/03 NO=744(100%)
Hs : MEAN=1.2m MAX=2.7m(ENE,10s)
N-E:22% E-S:78% S-W:0% W-N:0%



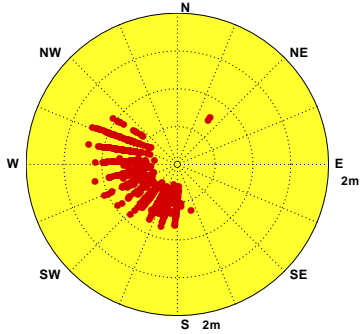
Wave of LTY0 at 2018/03 NO=744(100%)
Hs : MEAN=1.2m MAX=3.2m(ENE,9s)
N-E:22% E-S:76% S-W:2% W-N:0%



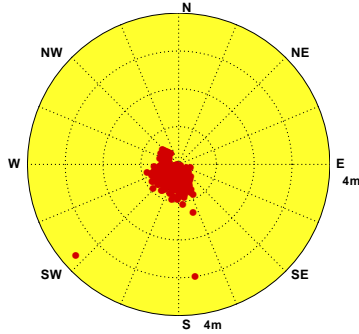
Wave of PNY0 at 2018/03 NO=744(100%)
Hs : MEAN=.7m MAX=1.4m(SE,5s)
N-E:0% E-S:68% S-W:11% W-N:21%



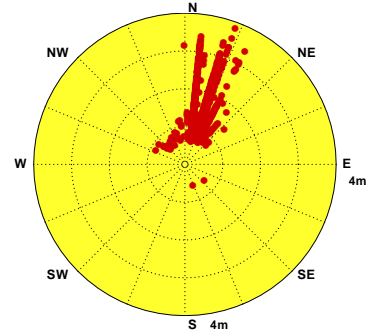
Wave of KHX0 at 2018/03 NO=744(100%)
Hs : MEAN=.7m MAX=1.3m(WNW,6s)
N-E:0% E-S:0% S-W:81% W-N:19%



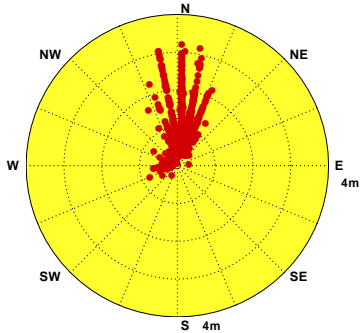
Wave of CNX0 at 2018/03 NO=744(100%)
Hs : MEAN=.6m MAX=3.8m(SW,7s)
N-E:0% E-S:11% S-W:85% W-N:4%



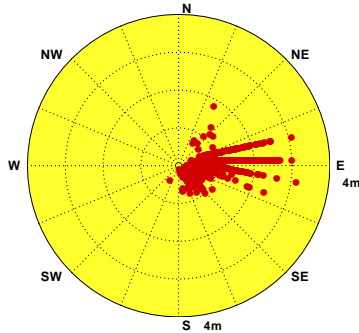
Wave of TCX0 at 2018/03 NO=744(100%)
Hs : MEAN=1.4m MAX=3.7m(NNE,9s)
N-E:95% E-S:0% S-W:0% W-N:5%



Wave of PHY0 at 2018/03 NO=744(100%)
Hs : MEAN=1.0m MAX=3.1m(N, 7s)
N-E:69% E-S:0% S-W:6% W-N:25%



Wave of KMY0 at 2018/03 NO=744(100%)
Hs : MEAN=.9m MAX=3.0m(E, 7s)
N-E:13% E-S:86% S-W:1% W-N:0%



Wave of MSY0 at 2018/03 NO=744(100%)
Hs : MEAN=1.5m MAX=4.7m(ENE,6s)
N-E:99% E-S:0% S-W:0% W-N:0%

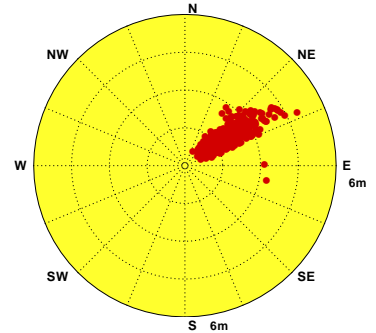


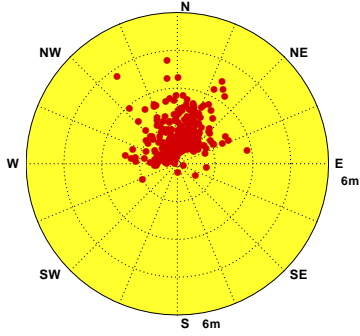
圖4.4b 2018年3月12海域主要測站1修補後波高向量分佈圖

V183TPX0.1HA V183KLX0.1HA V183SAX0.1HA V183HLX0.1HA V183LTY0.1HA V183PNY0.1HA
V183KHX0.1HA V183CNX0.1HA V183TCX0.1HA V183PHY0.1HA V183KMY0.1HA V183MSY0.1HA

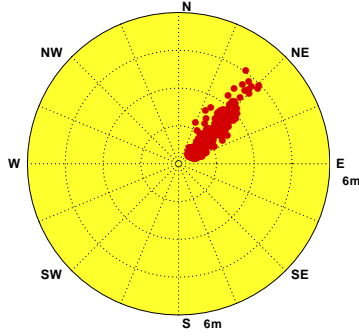
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

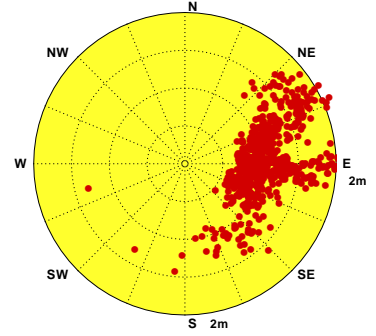
Wave of TPX0 at 2018/04 NO=698(97%)
 Hs : MEAN=.8m MAX=4.1m(NW,8s)
 N-E:26% E-S:0% S-W:7% W-N:67%



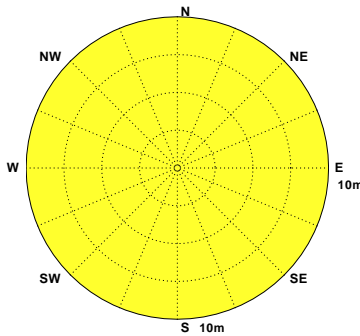
Wave of KLX0 at 2018/04 NO=711(99%)
 Hs : MEAN=.9m MAX=4.3m(NE,10s)
 N-E:99% E-S:0% S-W:0% W-N:0%



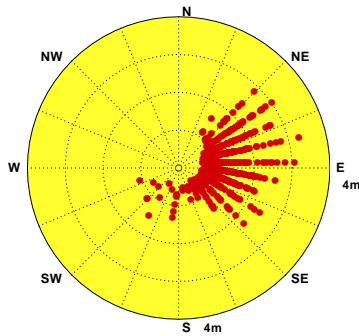
Wave of SAX0 at 2018/04 NO=657(91%)
 Hs : MEAN=1.1m MAX=2.0m(ENE,10s)
 N-E:41% E-S:58% S-W:1% W-N:0%



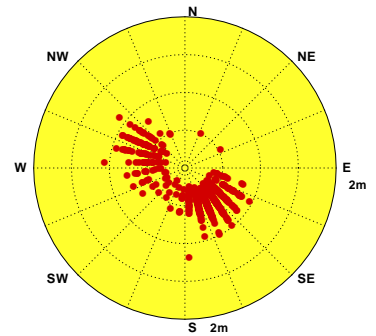
Wave of HLX0 at 2018/04



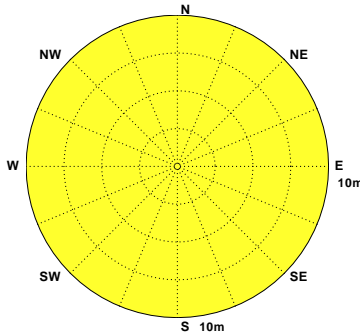
Wave of LTY0 at 2018/04 NO=710(99%)
 Hs : MEAN=1.2m MAX=3.1m(ENE,7s)
 N-E:31% E-S:66% S-W:3% W-N:0%



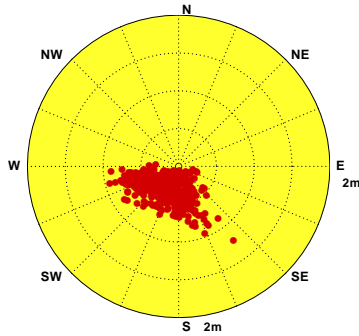
Wave of PNY0 at 2018/04 NO=683(95%)
 Hs : MEAN=.6m MAX=1.3m(S, 5s)
 N-E:0% E-S:72% S-W:12% W-N:16%



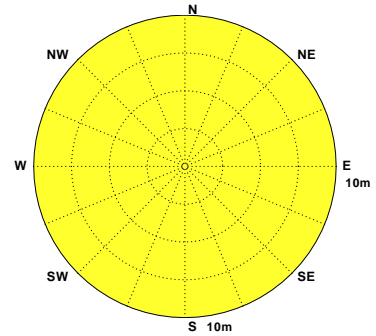
Wave of KHX0 at 2018/04



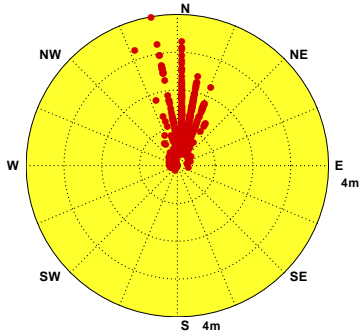
Wave of CNX0 at 2018/04 NO=598(83%)
 Hs : MEAN=.5m MAX=1.3m(SSE,5s)
 N-E:0% E-S:17% S-W:83% W-N:0%



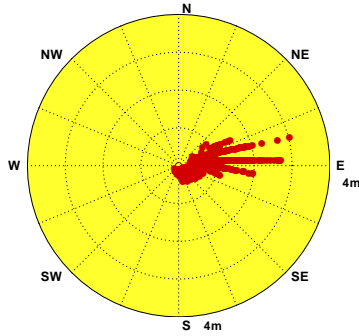
Wave of TCX0 at 2018/04



Wave of PHY0 at 2018/04 NO=645(90%)
 Hs : MEAN=.7m MAX=3.9m(NNW,7s)
 N-E:49% E-S:0% S-W:22% W-N:29%



Wave of KMY0 at 2018/04 NO=694(96%)
 Hs : MEAN=.7m MAX=2.9m(ENE,7s)
 N-E:17% E-S:76% S-W:7% W-N:0%



Wave of MSY0 at 2018/04 NO=296(41%)
 Hs : MEAN=1.0m MAX=2.9m(ENE,6s)
 N-E:47% E-S:52% S-W:1% W-N:0%

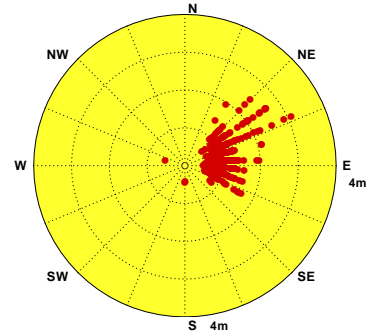


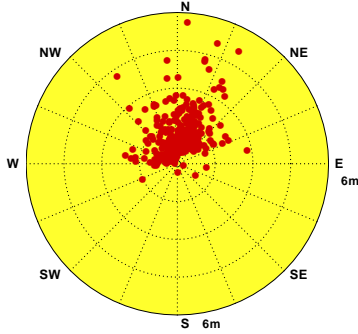
圖4.5a 2018年4月12海域主要測站1修補前波高向量分佈圖

V184TPX0.1H0 V184KLX0.1H0 V184SAX0.1H0 V184HLX0.1H0 V184LTY0.1H0 V184PNY0.1H0
 V184KHX0.1H0 V184CNX0.1H0 V184TCX0.1H0 V184PHY0.1H0 V184KMY0.1H0 V184MSY0.1H0

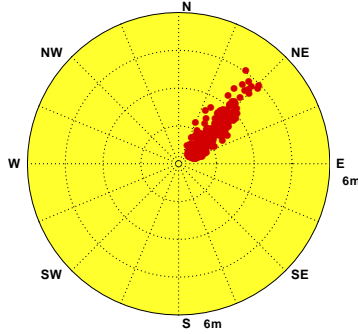
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

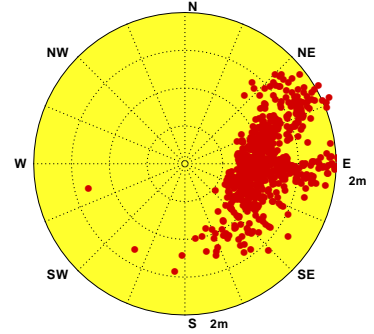
Wave of TPX0 at 2018/04 NO=720(100%)
Hs : MEAN=.8m MAX=5.4m(N, 12s)
N-E:28% E-S:0% S-W:7% W-N:65%



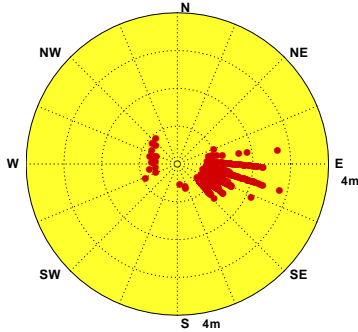
Wave of KLX0 at 2018/04 NO=720(100%)
Hs : MEAN=.9m MAX=4.3m(NE,10s)
N-E:99% E-S:0% S-W:0% W-N:0%



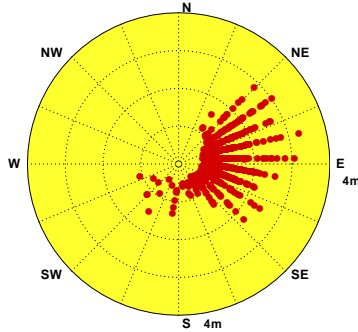
Wave of SAX0 at 2018/04 NO=720(100%)
Hs : MEAN=1.1m MAX=2.0m(ENE,10s)
N-E:37% E-S:62% S-W:1% W-N:0%



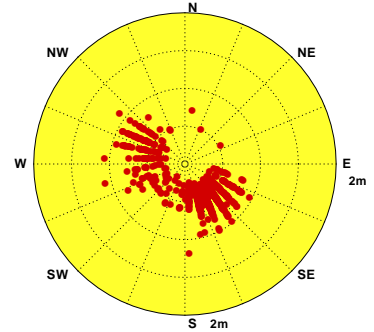
Wave of HLX0 at 2018/04 NO=720(100%)
Hs : MEAN=1.0m MAX=2.7m(ESE,8s)
N-E:1% E-S:97% S-W:1% W-N:1%



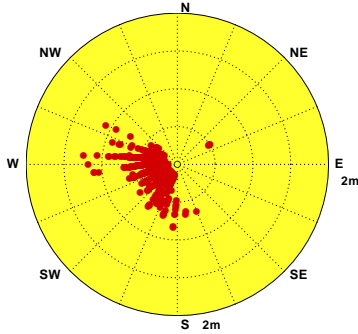
Wave of LTY0 at 2018/04 NO=720(100%)
Hs : MEAN=1.2m MAX=3.1m(ENE,7s)
N-E:31% E-S:66% S-W:3% W-N:0%



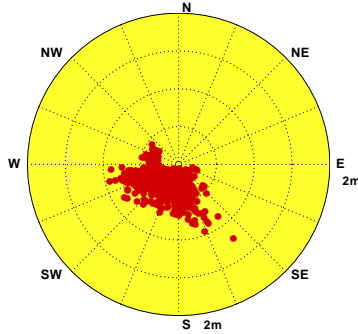
Wave of PNY0 at 2018/04 NO=720(100%)
Hs : MEAN=.6m MAX=1.3m(S, 5s)
N-E:0% E-S:71% S-W:13% W-N:16%



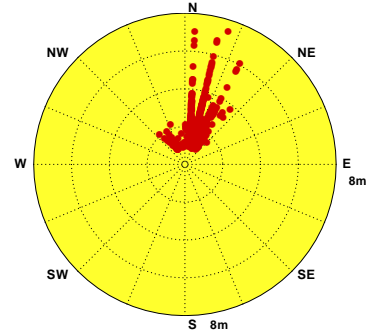
Wave of KHX0 at 2018/04 NO=720(100%)
Hs : MEAN=.4m MAX=1.3m(W, 6s)
N-E:0% E-S:0% S-W:81% W-N:19%



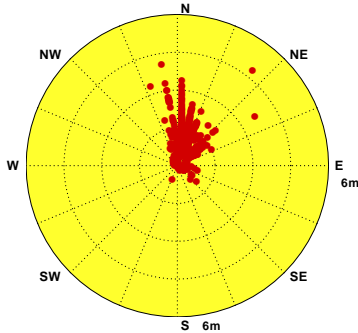
Wave of CNX0 at 2018/04 NO=720(100%)
Hs : MEAN=.5m MAX=1.3m(SSE,5s)
N-E:0% E-S:14% S-W:80% W-N:6%



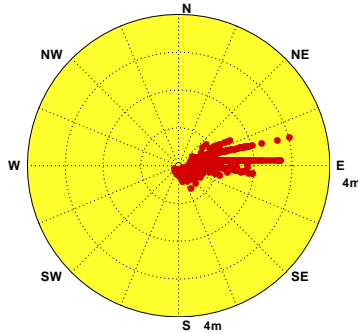
Wave of TCX0 at 2018/04 NO=720(100%)
Hs : MEAN=1.6m MAX=7.0m(NNE,11s)
N-E:91% E-S:0% S-W:0% W-N:9%



Wave of PHY0 at 2018/04 NO=720(100%)
Hs : MEAN=.7m MAX=4.5m(NE,7s)
N-E:50% E-S:4% S-W:20% W-N:26%



Wave of KMY0 at 2018/04 NO=720(100%)
Hs : MEAN=.7m MAX=2.9m(ENE,7s)
N-E:16% E-S:77% S-W:7% W-N:0%



Wave of MSY0 at 2018/04 NO=720(100%)
Hs : MEAN=1.1m MAX=3.3m(ENE,5s)
N-E:78% E-S:22% S-W:0% W-N:0%

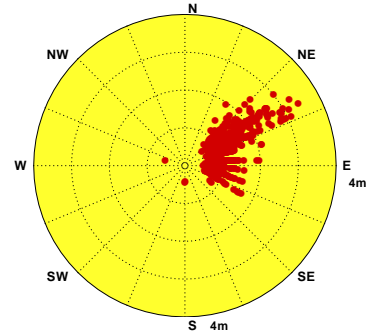


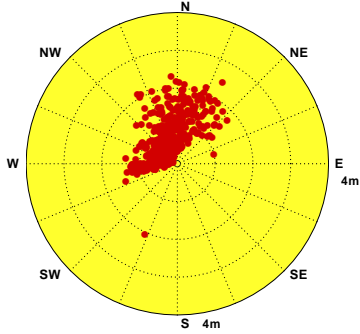
圖4.5b 2018年4月12海域主要測站1修補後波高向量分佈圖

V184TPX0.1HA V184KLX0.1HA V184SAX0.1HA V184HLX0.1HA V184LTY0.1HA V184PNY0.1HA
V184KHX0.1HA V184CNX0.1HA V184TCX0.1HA V184PHY0.1HA V184KMY0.1HA V184MSY0.1HA

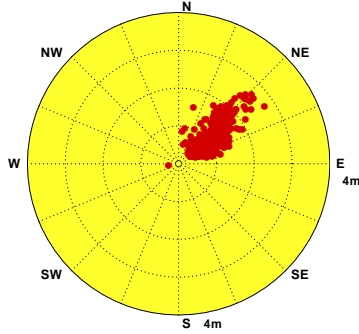
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

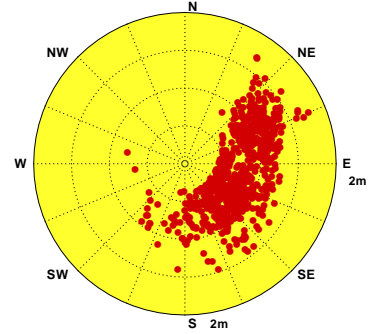
Wave of TPX0 at 2018/05 NO=719(97%)
Hs : MEAN=.7m MAX=2.3m(NNE,7s)
N-E:12% E-S:0% S-W:31% W-N:57%



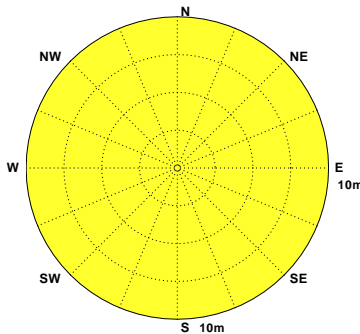
Wave of KLX0 at 2018/05 NO=743(100%)
Hs : MEAN=.7m MAX=2.5m(ENE,8s)
N-E:99% E-S:0% S-W:0% W-N:0%



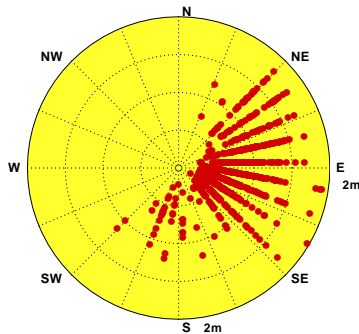
Wave of SAX0 at 2018/05 NO=727(98%)
Hs : MEAN=.9m MAX=1.7m(ENE,8s)
N-E:36% E-S:59% S-W:5% W-N:0%



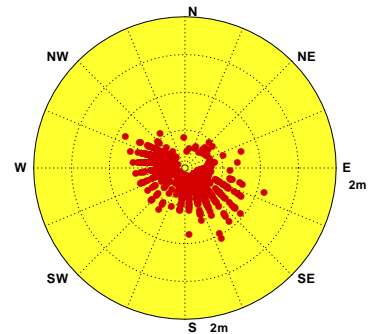
Wave of HLX0 at 2018/05



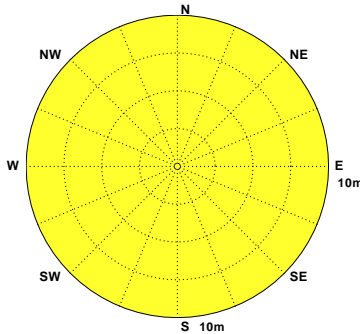
Wave of LTY0 at 2018/05 NO=729(98%)
Hs : MEAN=.8m MAX=2.0m(ESE,5s)
N-E:24% E-S:71% S-W:5% W-N:0%



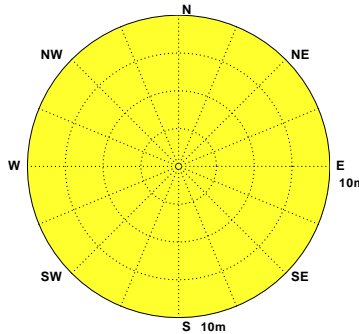
Wave of PNY0 at 2018/05 NO=683(92%)
Hs : MEAN=.4m MAX=1.1m(SSE,4s)
N-E:2% E-S:46% S-W:33% W-N:19%



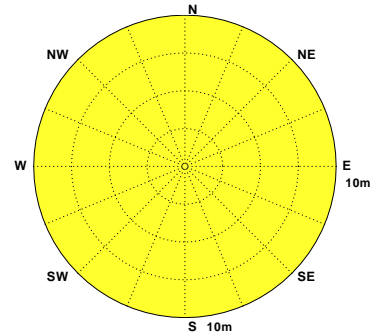
Wave of KHX0 at 2018/05



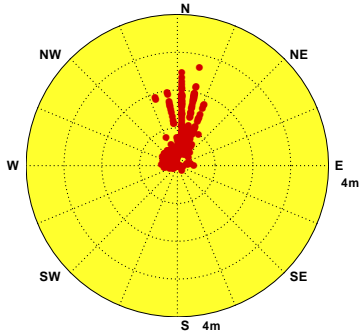
Wave of CNX0 at 2018/05



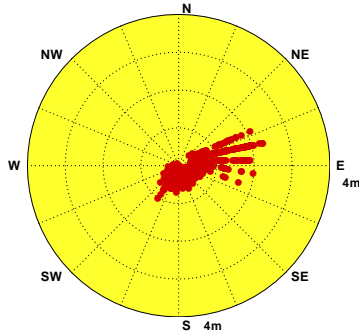
Wave of TCX0 at 2018/05



Wave of PHY0 at 2018/05 NO=676(91%)
Hs : MEAN=.5m MAX=2.5m(N, 6s)
N-E:30% E-S:1% S-W:26% W-N:43%



Wave of KMY0 at 2018/05 NO=732(98%)
Hs : MEAN=.6m MAX=2.2m(ENE,5s)
N-E:16% E-S:29% S-W:55% W-N:0%



Wave of MSY0 at 2018/05 NO=739(99%)
Hs : MEAN=1.2m MAX=3.3m(NNE,6s)
N-E:41% E-S:22% S-W:37% W-N:0%

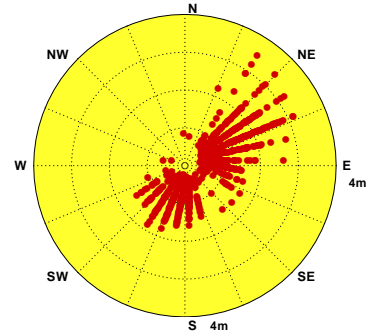


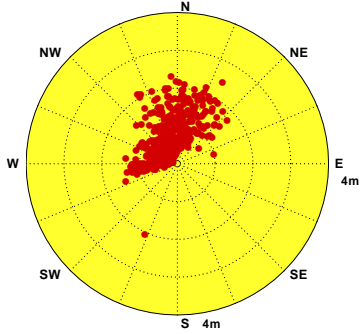
圖4.6a 2018年5月12海域主要測站1修補前波高向量分佈圖

V185TPX0.1H0 V185KLX0.1H0 V185SAX0.1H0 V185HLX0.1H0 V185LTY0.1H0 V185PNY0.1H0
V185KHX0.1H0 V185CNX0.1H0 V185TCX0.1H0 V185PHY0.1H0 V185KMY0.1H0 V185MSY0.1H0

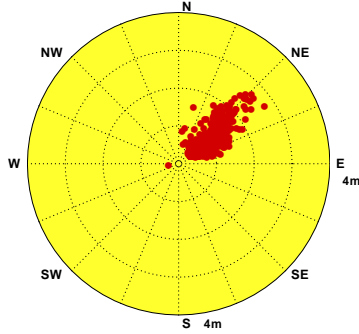
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

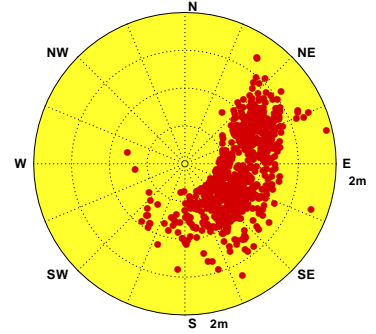
Wave of TPX0 at 2018/05 NO=744(100%)
 Hs : MEAN=.7m MAX=2.3m(NNE,7s)
 N-E:14% E-S:0% S-W:30% W-N:56%



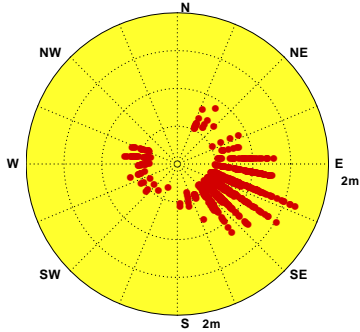
Wave of KLX0 at 2018/05 NO=744(100%)
 Hs : MEAN=.7m MAX=2.5m(ENE,8s)
 N-E:99% E-S:0% S-W:0% W-N:0%



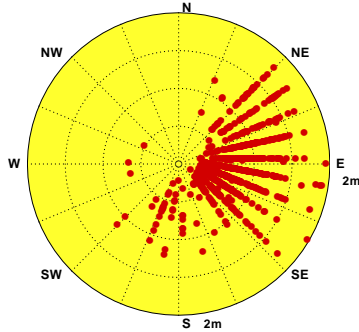
Wave of SAX0 at 2018/05 NO=744(100%)
 Hs : MEAN=.9m MAX=2.0m(ESE,10s)
 N-E:35% E-S:60% S-W:5% W-N:0%



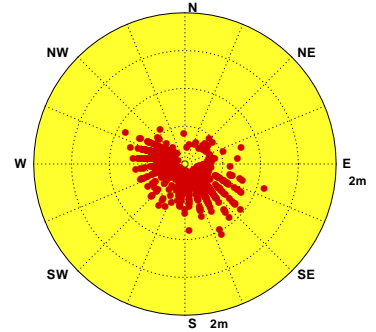
Wave of HLX0 at 2018/05 NO=744(100%)
 Hs : MEAN=.7m MAX=1.6m(ESE,7s)
 N-E:8% E-S:85% S-W:3% W-N:4%



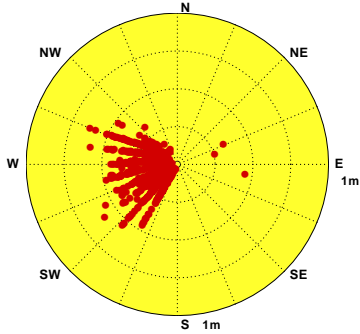
Wave of LTY0 at 2018/05 NO=744(100%)
 Hs : MEAN=.8m MAX=2.0m(ESE,5s)
 N-E:24% E-S:71% S-W:5% W-N:0%



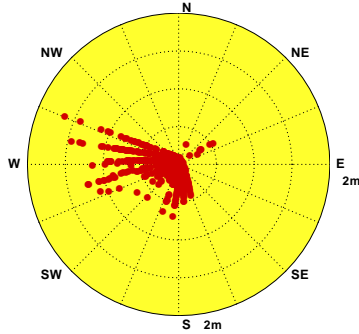
Wave of PNY0 at 2018/05 NO=744(100%)
 Hs : MEAN=.4m MAX=1.1m(SSE,4s)
 N-E:2% E-S:42% S-W:38% W-N:18%



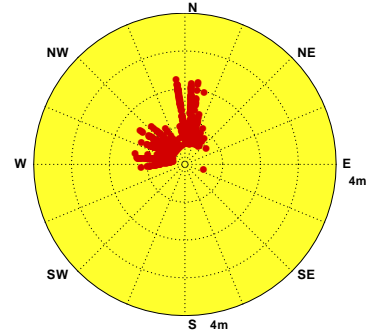
Wave of KHX0 at 2018/05 NO=744(100%)
 Hs : MEAN=.2m MAX=.6m(WNW,4s)
 N-E:0% E-S:0% S-W:78% W-N:22%



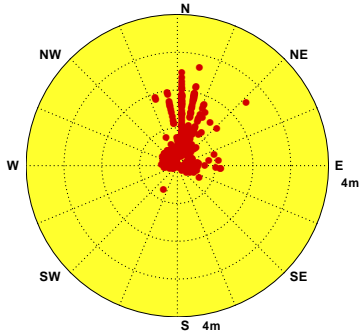
Wave of CNX0 at 2018/05 NO=744(100%)
 Hs : MEAN=.3m MAX=1.7m(WNW,6s)
 N-E:1% E-S:10% S-W:73% W-N:16%



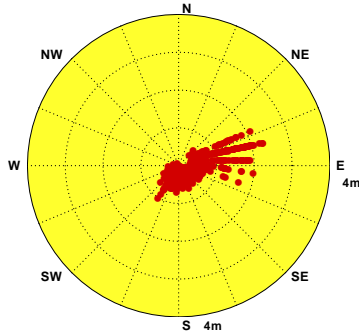
Wave of TCX0 at 2018/05 NO=744(100%)
 Hs : MEAN=.8m MAX=2.1m(N, 7s)
 N-E:31% E-S:0% S-W:4% W-N:65%



Wave of PHY0 at 2018/05 NO=744(100%)
 Hs : MEAN=.5m MAX=2.5m(N, 6s)
 N-E:30% E-S:7% S-W:24% W-N:39%



Wave of KMY0 at 2018/05 NO=744(100%)
 Hs : MEAN=.6m MAX=2.2m(ENE,5s)
 N-E:17% E-S:29% S-W:54% W-N:0%



Wave of MSY0 at 2018/05 NO=744(100%)
 Hs : MEAN=1.2m MAX=3.3m(NNE,6s)
 N-E:41% E-S:22% S-W:37% W-N:0%

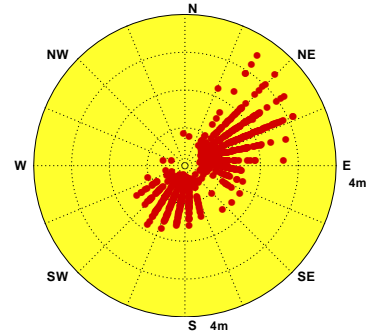


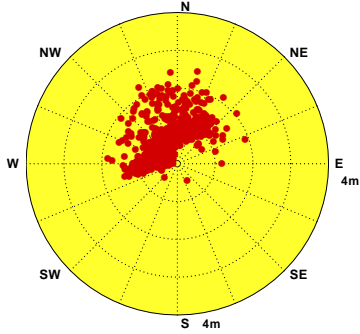
圖4.6b 2018年 5月12海域主要測站1修補後波高向量分佈圖

V185TPX0.1HA V185KLX0.1HA V185SAX0.1HA V185HLX0.1HA V185LTY0.1HA V185PNY0.1HA
 V185KHX0.1HA V185CNX0.1HA V185TCX0.1HA V185PHY0.1HA V185KMY0.1HA V185MSY0.1HA

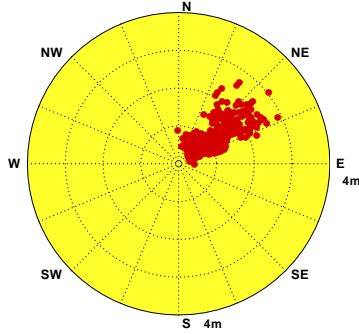
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

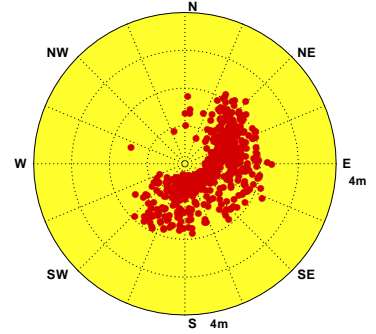
Wave of TPX0 at 2018/06 NO=710(99%)
Hs : MEAN=.9m MAX=2.3m(N , 8s)
N-E:21% E-S:0% S-W:29% W-N:50%



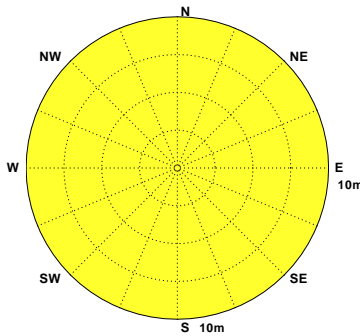
Wave of KLX0 at 2018/06 NO=713(99%)
Hs : MEAN=.8m MAX=2.9m(NE,7s)
N-E:99% E-S:1% S-W:0% W-N:0%



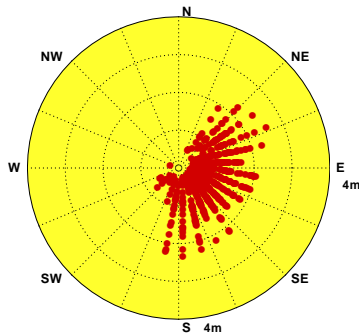
Wave of SAX0 at 2018/06 NO=701(97%)
Hs : MEAN=1.1m MAX=2.2m(ESE,10s)
N-E:29% E-S:44% S-W:26% W-N:1%



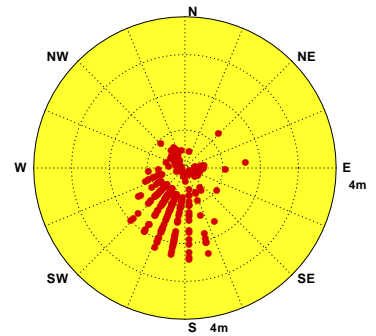
Wave of HLX0 at 2018/06



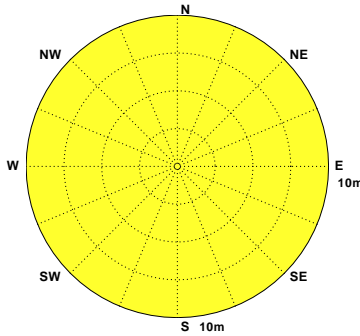
Wave of LTY0 at 2018/06 NO=692(96%)
Hs : MEAN=.9m MAX=2.5m(S , 7s)
N-E:14% E-S:76% S-W:10% W-N:0%



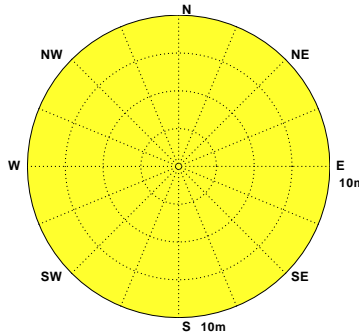
Wave of PNY0 at 2018/06 NO=280(39%)
Hs : MEAN=1.1m MAX=2.6m(S , 7s)
N-E:1% E-S:15% S-W:71% W-N:13%



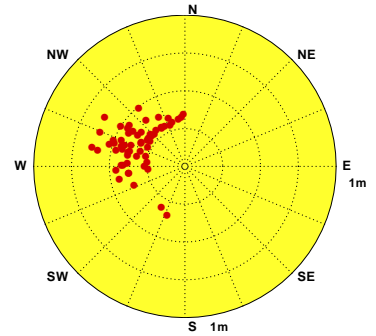
Wave of KHX0 at 2018/06



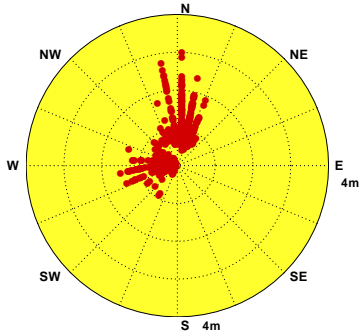
Wave of CNX0 at 2018/06



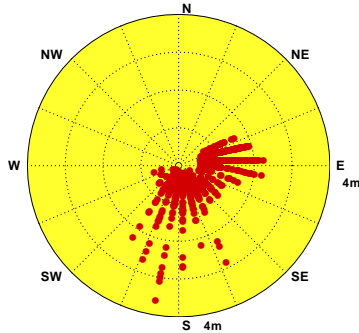
Wave of TCX0 at 2018/06 NO=61(8%)
Hs : MEAN=.4m MAX=.6m(W , 5s)
N-E:0% E-S:0% S-W:21% W-N:79%



Wave of PHY0 at 2018/06 NO=684(95%)
Hs : MEAN=.7m MAX=2.8m(N , 6s)
N-E:39% E-S:0% S-W:40% W-N:21%



Wave of KMY0 at 2018/06 NO=713(99%)
Hs : MEAN=1.0m MAX=3.8m(S , 6s)
N-E:19% E-S:40% S-W:41% W-N:0%



Wave of MSY0 at 2018/06 NO=720(100%)
Hs : MEAN=1.4m MAX=3.6m(ENE,7s)
N-E:46% E-S:25% S-W:29% W-N:0%

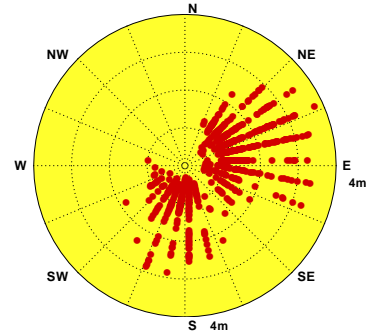


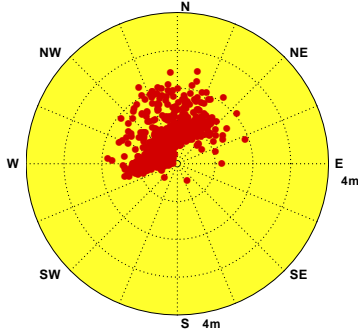
圖4.7a 2018年6月12海域主要測站1修補前波高向量分佈圖

V186TPX0.1H0 V186KLX0.1H0 V186SAX0.1H0 V186HLX0.1H0 V186LTY0.1H0 V186PNY0.1H0
V186KHX0.1H0 V186CNX0.1H0 V186TCX0.1H0 V186PHY0.1H0 V186KMY0.1H0 V186MSY0.1H0

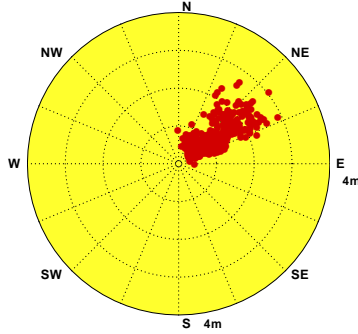
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

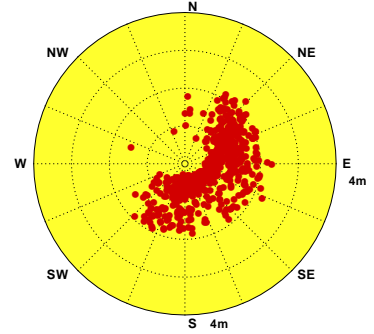
Wave of TPX0 at 2018/06 NO=720(100%)
Hs : MEAN=.9m MAX=2.3m(N , 8s)
N-E:21% E-S:0% S-W:29% W-N:50%



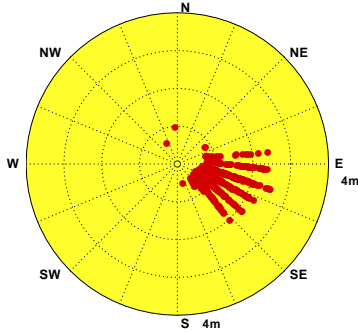
Wave of KLX0 at 2018/06 NO=720(100%)
Hs : MEAN=.8m MAX=2.9m(NE,7s)
N-E:99% E-S:1% S-W:0% W-N:0%



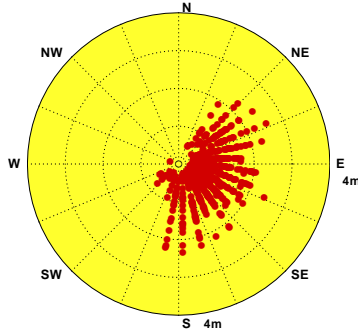
Wave of SAX0 at 2018/06 NO=720(100%)
Hs : MEAN=1.1m MAX=2.2m(ESE,10s)
N-E:29% E-S:44% S-W:26% W-N:1%



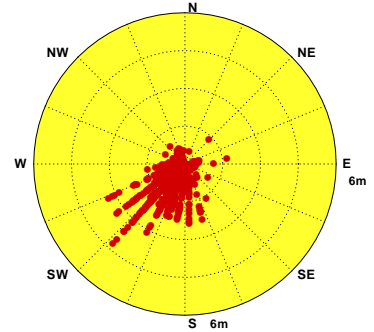
Wave of HLX0 at 2018/06 NO=720(100%)
Hs : MEAN=1.1m MAX=2.5m(ESE,10s)
N-E:3% E-S:97% S-W:0% W-N:0%



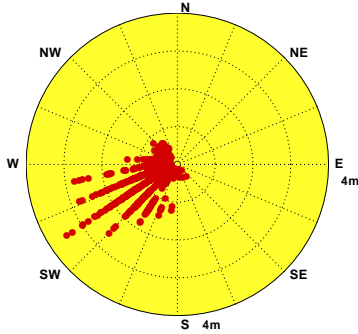
Wave of LTY0 at 2018/06 NO=720(100%)
Hs : MEAN=.9m MAX=2.5m(S , 7s)
N-E:14% E-S:77% S-W:9% W-N:0%



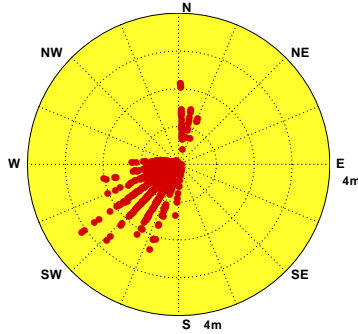
Wave of PNY0 at 2018/06 NO=720(100%)
Hs : MEAN=1.3m MAX=4.5m(SW,7s)
N-E:0% E-S:6% S-W:89% W-N:5%



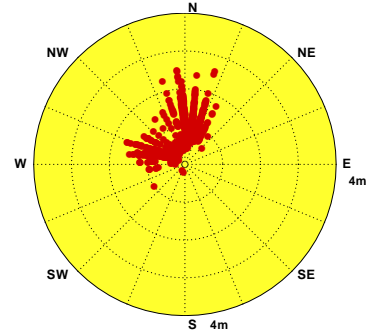
Wave of KHX0 at 2018/06 NO=720(100%)
Hs : MEAN=1.1m MAX=3.7m(SW,10s)
N-E:0% E-S:0% S-W:92% W-N:8%



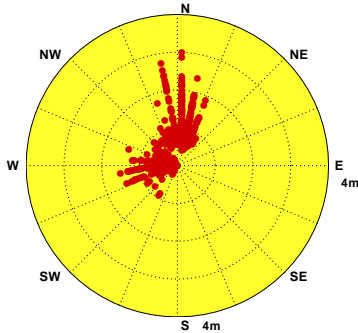
Wave of CNX0 at 2018/06 NO=720(100%)
Hs : MEAN=1.0m MAX=3.3m(SW,8s)
N-E:2% E-S:0% S-W:94% W-N:4%



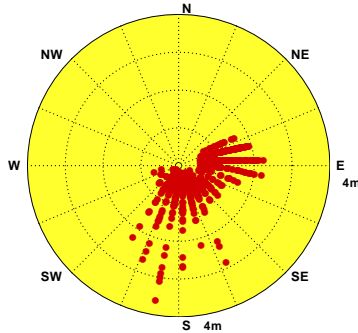
Wave of TCX0 at 2018/06 NO=720(100%)
Hs : MEAN=.9m MAX=2.4m(NNE,8s)
N-E:32% E-S:0% S-W:5% W-N:63%



Wave of PHY0 at 2018/06 NO=720(100%)
Hs : MEAN=.7m MAX=2.8m(N , 6s)
N-E:37% E-S:0% S-W:42% W-N:21%



Wave of KMY0 at 2018/06 NO=720(100%)
Hs : MEAN=1.0m MAX=3.8m(S , 6s)
N-E:18% E-S:42% S-W:40% W-N:0%



Wave of MSY0 at 2018/06 NO=720(100%)
Hs : MEAN=1.4m MAX=3.6m(ENE,7s)
N-E:46% E-S:25% S-W:29% W-N:0%

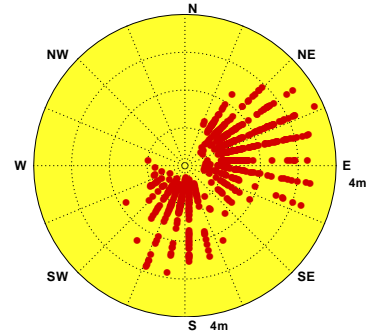


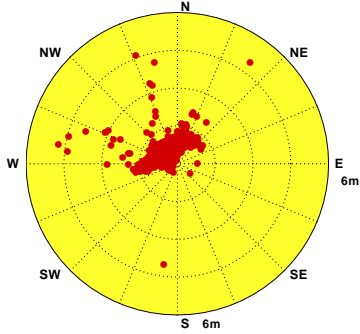
圖4.7b 2018年 6月12海域主要測站1修補後波高向量分佈圖

V186TPX0.1HA V186KLX0.1HA V186SAX0.1HA V186HLX0.1HA V186LTY0.1HA V186PNY0.1HA
V186KHX0.1HA V186CNX0.1HA V186TCX0.1HA V186PHY0.1HA V186KMY0.1HA V186MSY0.1HA

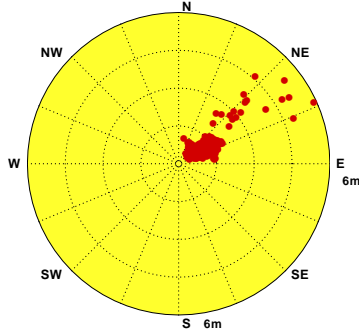
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

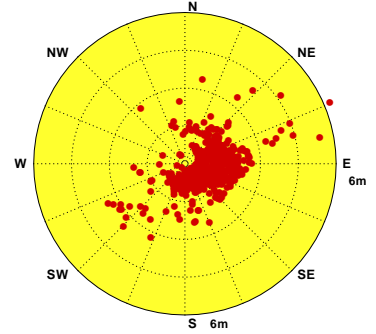
Wave of TPX0 at 2018/07 NO=734(99%)
Hs : MEAN=.8m MAX=4.9m(W, 8s)
N-E:15% E-S:0% S-W:36% W-N:49%



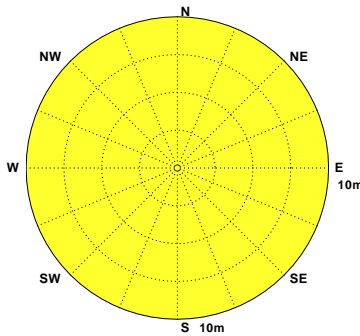
Wave of KLX0 at 2018/07 NO=739(99%)
Hs : MEAN=.7m MAX=5.6m(ENE,17s)
N-E:99% E-S:1% S-W:0% W-N:0%



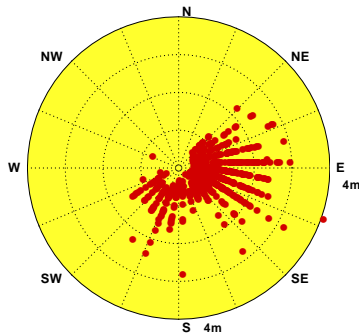
Wave of SAX0 at 2018/07 NO=739(99%)
Hs : MEAN=1.2m MAX=6.0m(ENE,15s)
N-E:28% E-S:52% S-W:19% W-N:1%



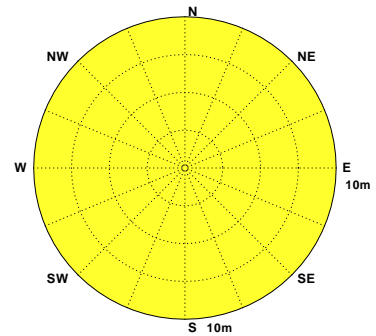
Wave of HLX0 at 2018/07



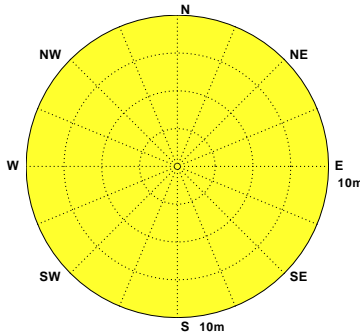
Wave of LTY0 at 2018/07 NO=696(94%)
Hs : MEAN=1.1m MAX=4.0m(ESE,13s)
N-E:16% E-S:66% S-W:18% W-N:0%



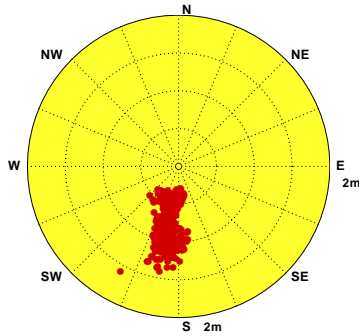
Wave of PNY0 at 2018/07



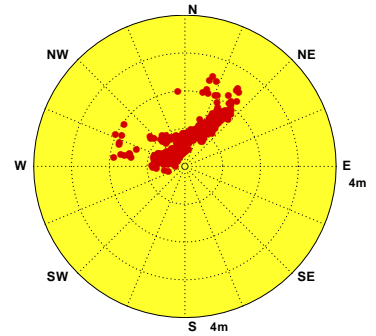
Wave of KHX0 at 2018/07



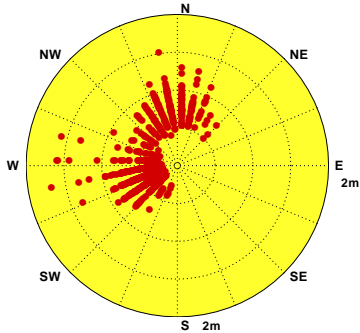
Wave of CNX0 at 2018/07 NO=311(42%)
Hs : MEAN=.8m MAX=1.7m(SSW,9s)
N-E:0% E-S:4% S-W:96% W-N:0%



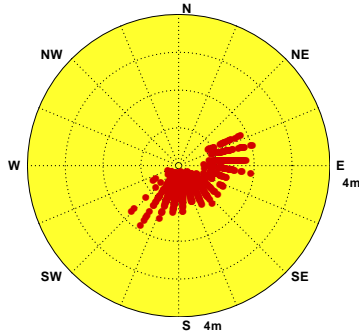
Wave of TCX0 at 2018/07 NO=744(100%)
Hs : MEAN=.8m MAX=2.3m(NNE,8s)
N-E:38% E-S:0% S-W:4% W-N:58%



Wave of PHY0 at 2018/07 NO=744(100%)
Hs : MEAN=.6m MAX=1.8m(W,6s)
N-E:13% E-S:0% S-W:61% W-N:26%



Wave of KMY0 at 2018/07 NO=724(97%)
Hs : MEAN=.9m MAX=2.1m(SSW,5s)
N-E:7% E-S:39% S-W:54% W-N:0%



Wave of MSY0 at 2018/07 NO=744(100%)
Hs : MEAN=1.5m MAX=10.9m(ENE,11s)
N-E:16% E-S:55% S-W:29% W-N:0%

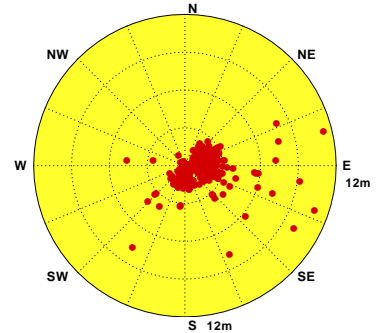


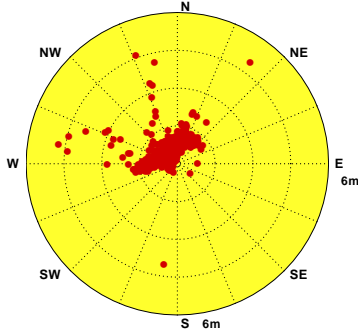
圖4.8a 2018年7月12海域主要測站1修補前波高向量分佈圖

V187TPX0.1H0 V187KLX0.1H0 V187SAX0.1H0 V187HLX0.1H0 V187LTY0.1H0 V187PNY0.1H0
V187KHX0.1H0 V187CNX0.1H0 V187TCX0.1H0 V187PHY0.1H0 V187KMY0.1H0 V187MSY0.1H0

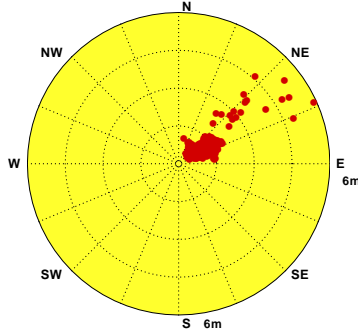
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

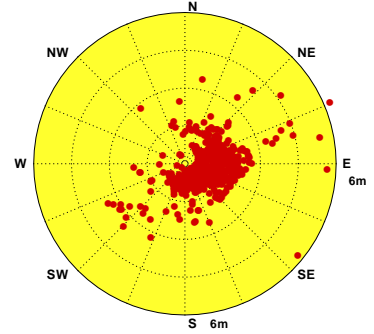
Wave of TPX0 at 2018/07 NO=744(100%)
Hs : MEAN=.8m MAX=4.9m(W, 8s)
N-E:15% E-S:0% S-W:36% W-N:49%



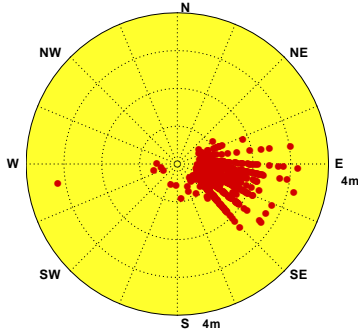
Wave of KLX0 at 2018/07 NO=744(100%)
Hs : MEAN=.7m MAX=5.6m(ENE,17s)
N-E:99% E-S:1% S-W:0% W-N:0%



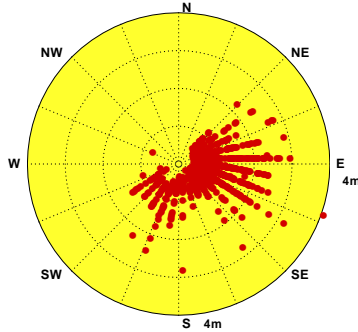
Wave of SAX0 at 2018/07 NO=744(100%)
Hs : MEAN=1.2m MAX=6.0m(ENE,15s)
N-E:28% E-S:52% S-W:19% W-N:1%



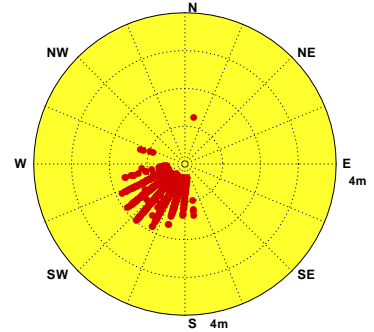
Wave of HLX0 at 2018/07 NO=744(100%)
Hs : MEAN=1.2m MAX=3.3m(WSW,10s)
N-E:4% E-S:95% S-W:1% W-N:0%



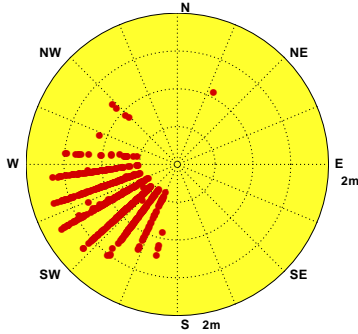
Wave of LTY0 at 2018/07 NO=744(100%)
Hs : MEAN=1.0m MAX=4.0m(ESE,13s)
N-E:16% E-S:67% S-W:17% W-N:0%



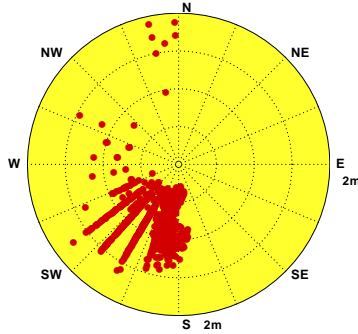
Wave of PNY0 at 2018/07 NO=744(100%)
Hs : MEAN=1.2m MAX=2.2m(SW,6s)
N-E:0% E-S:1% S-W:98% W-N:1%



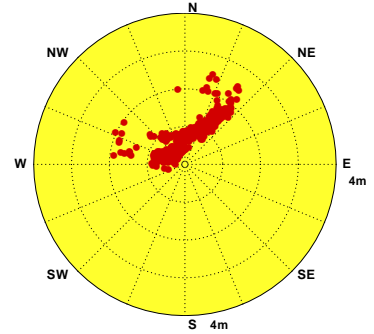
Wave of KHX0 at 2018/07 NO=744(100%)
Hs : MEAN=1.0m MAX=1.8m(WSW,8s)
N-E:0% E-S:0% S-W:97% W-N:3%



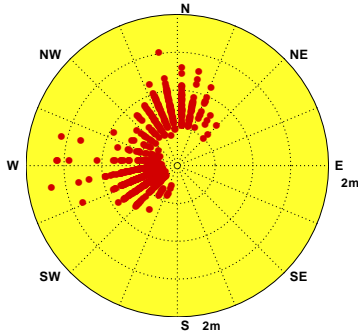
Wave of CNX0 at 2018/07 NO=744(100%)
Hs : MEAN=1.0m MAX=1.8m(NNW,7s)
N-E:0% E-S:2% S-W:96% W-N:2%



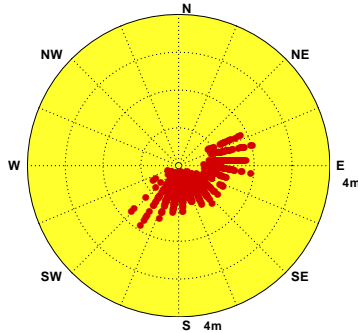
Wave of TCX0 at 2018/07 NO=744(100%)
Hs : MEAN=.8m MAX=2.3m(NNE,8s)
N-E:38% E-S:0% S-W:4% W-N:58%



Wave of PHY0 at 2018/07 NO=744(100%)
Hs : MEAN=.6m MAX=1.8m(WSW,6s)
N-E:13% E-S:0% S-W:61% W-N:26%



Wave of KMY0 at 2018/07 NO=744(100%)
Hs : MEAN=.9m MAX=2.1m(SSW,5s)
N-E:7% E-S:38% S-W:55% W-N:0%



Wave of MSY0 at 2018/07 NO=744(100%)
Hs : MEAN=1.5m MAX=10.9m(ENE,11s)
N-E:16% E-S:55% S-W:29% W-N:0%

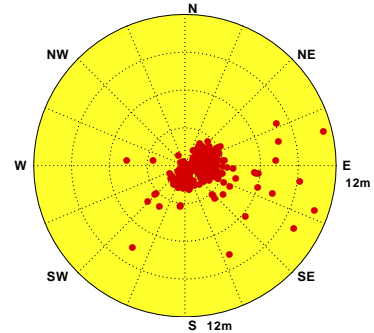


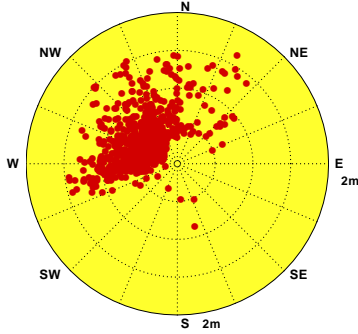
圖4.8b 2018年7月12海域主要測站1修補後波高向量分佈圖

V187TPX0.1HA V187KLX0.1HA V187SAX0.1HA V187HLX0.1HA V187LTY0.1HA V187PNY0.1HA
V187KHX0.1HA V187CNX0.1HA V187TCX0.1HA V187PHY0.1HA V187KMY0.1HA V187MSY0.1HA

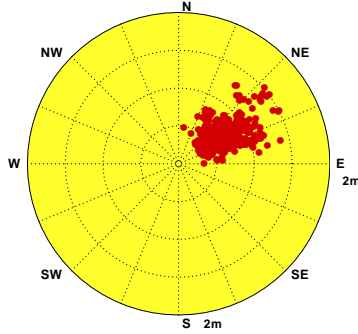
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

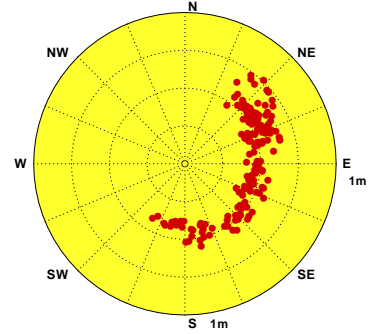
Wave of TPX0 at 2018/08 NO=741(100%)
Hs : MEAN=.7m MAX=1.5m(NNE,6s)
N-E:5% E-S:0% S-W:29% W-N:66%



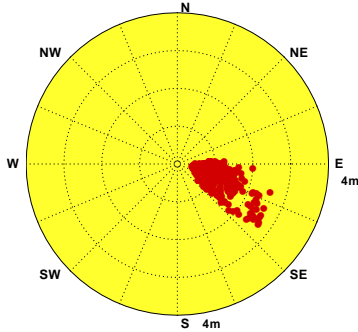
Wave of KLX0 at 2018/08 NO=498(67%)
Hs : MEAN=.6m MAX=1.4m(NE,7s)
N-E:99% E-S:1% S-W:0% W-N:0%



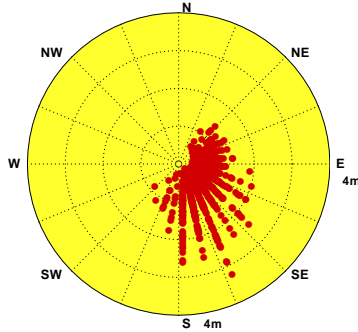
Wave of SAX0 at 2018/08 NO=155(21%)
Hs : MEAN=.5m MAX=.7m(NE,8s)
N-E:51% E-S:41% S-W:8% W-N:0%



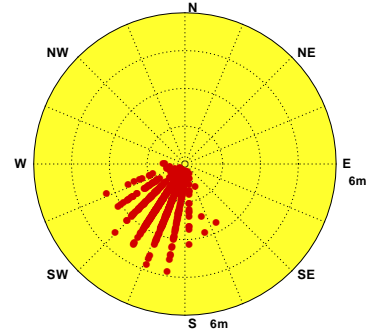
Wave of HLX0 at 2018/08 NO=395(53%)
Hs : MEAN=1.1m MAX=2.7m(SE,8s)
N-E:0% E-S:99% S-W:0% W-N:0%



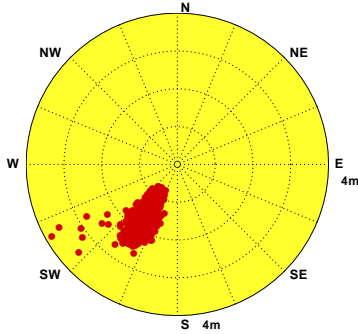
Wave of LTY0 at 2018/08 NO=721(97%)
Hs : MEAN=1.0m MAX=3.3m(SSE,7s)
N-E:17% E-S:72% S-W:11% W-N:0%



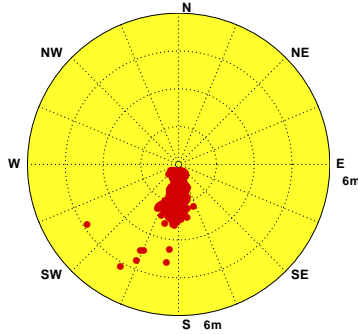
Wave of PNY0 at 2018/08 NO=664(89%)
Hs : MEAN=2.0m MAX=4.6m(S, 7s)
N-E:0% E-S:1% S-W:99% W-N:0%



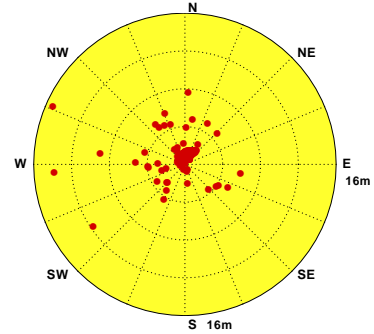
Wave of KHX0 at 2018/08 NO=527(71%)
Hs : MEAN=1.8m MAX=4.0m(WSW,9s)
N-E:0% E-S:0% S-W:99% W-N:0%



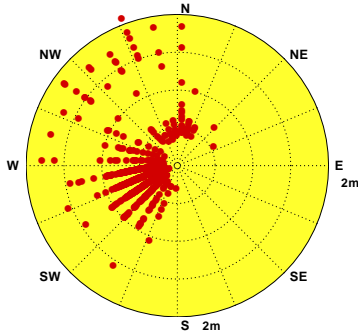
Wave of CNX0 at 2018/08 NO=741(100%)
Hs : MEAN=1.4m MAX=4.9m(SSW,8s)
N-E:0% E-S:9% S-W:91% W-N:0%



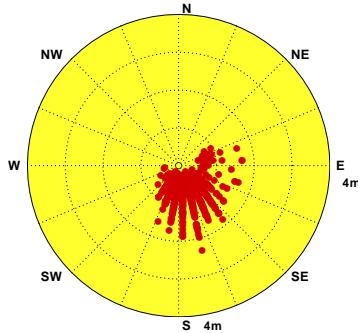
Wave of TCX0 at 2018/08 NO=732(98%)
Hs : MEAN=.7m MAX=15.5m(WNW,6s)
N-E:21% E-S:6% S-W:12% W-N:61%



Wave of PHY0 at 2018/08 NO=742(100%)
Hs : MEAN=.7m MAX=2.0m(NNW,5s)
N-E:4% E-S:0% S-W:82% W-N:14%



Wave of KMY0 at 2018/08 NO=736(99%)
Hs : MEAN=.9m MAX=2.4m(SSE,6s)
N-E:2% E-S:42% S-W:56% W-N:0%



Wave of MSY0 at 2018/08 NO=740(99%)
Hs : MEAN=1.3m MAX=3.7m(SE,8s)
N-E:38% E-S:44% S-W:17% W-N:1%

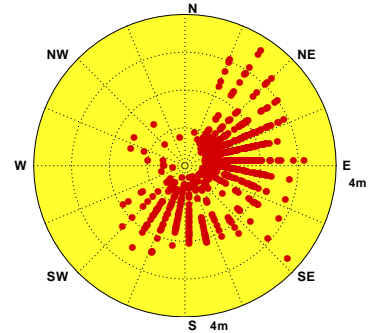


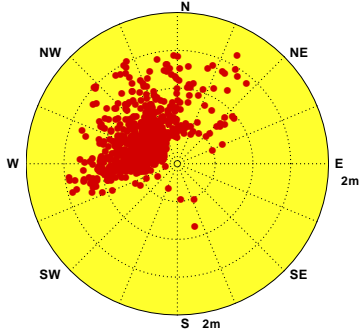
圖4.9a 2018年8月12海域主要測站1修補前波高向量分佈圖

V188TPX0.1HO V188KLX0.1HO V188SAX0.1HO V188HLX0.1HO V188LTY0.1HO V188PNY0.1HO
V188KHX0.1HO V188CNX0.1HO V188TCX0.1HO V188PHY0.1HO V188KMY0.1HO V188MSY0.1HO

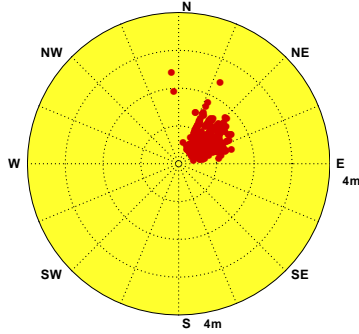
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

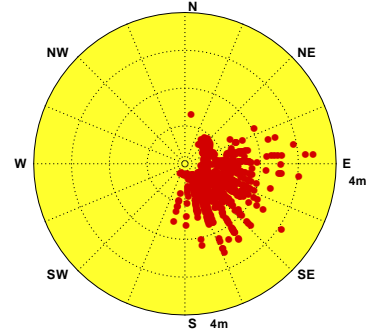
Wave of TPX0 at 2018/08 NO=744(100%)
 Hs : MEAN=.7m MAX=1.5m(NNE,6s)
 N-E:6% E-S:0% S-W:28% W-N:66%



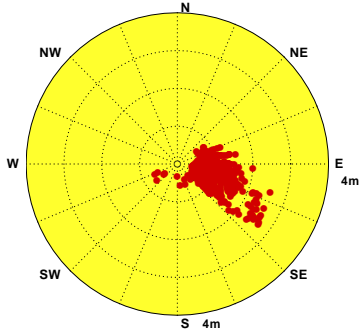
Wave of KLX0 at 2018/08 NO=744(100%)
 Hs : MEAN=.7m MAX=2.3m(N,12s)
 N-E:99% E-S:1% S-W:0% W-N:0%



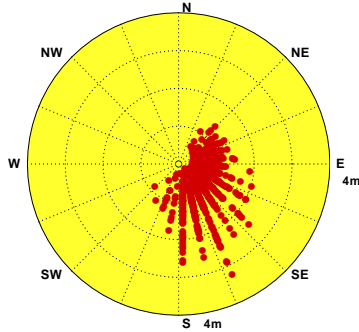
Wave of SAX0 at 2018/08 NO=744(100%)
 Hs : MEAN=1.1m MAX=3.3m(E,12s)
 N-E:16% E-S:80% S-W:4% W-N:0%



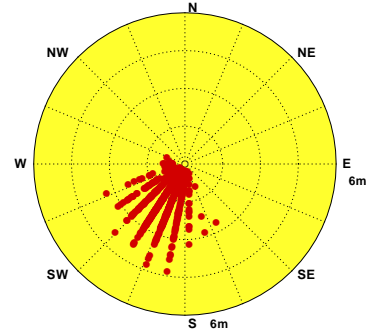
Wave of HLX0 at 2018/08 NO=744(100%)
 Hs : MEAN=.9m MAX=2.7m(SE,8s)
 N-E:6% E-S:93% S-W:1% W-N:0%



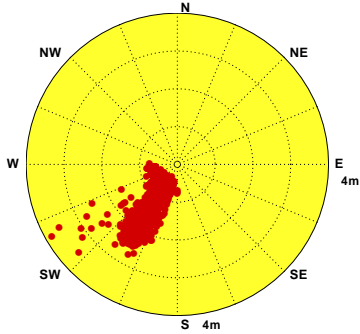
Wave of LTY0 at 2018/08 NO=744(100%)
 Hs : MEAN=1.0m MAX=3.3m(SSE,7s)
 N-E:17% E-S:73% S-W:10% W-N:0%



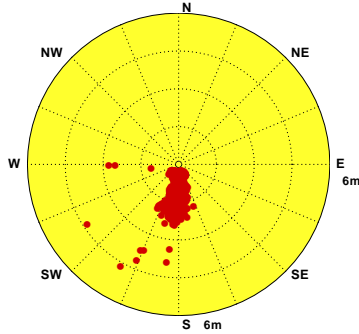
Wave of PNY0 at 2018/08 NO=744(100%)
 Hs : MEAN=1.9m MAX=4.6m(S,7s)
 N-E:0% E-S:1% S-W:99% W-N:0%



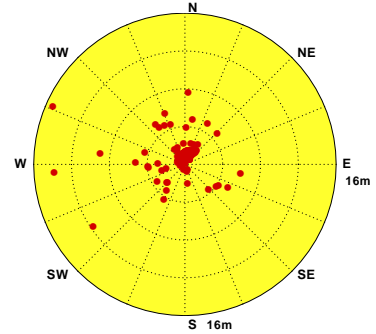
Wave of KHX0 at 2018/08 NO=744(100%)
 Hs : MEAN=1.5m MAX=4.0m(WSW,9s)
 N-E:0% E-S:0% S-W:99% W-N:0%



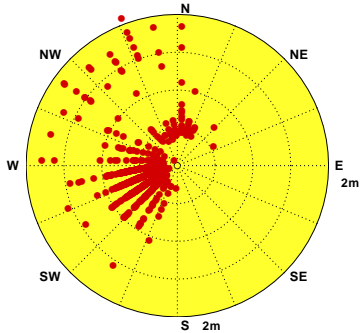
Wave of CNX0 at 2018/08 NO=744(100%)
 Hs : MEAN=1.4m MAX=4.9m(SSW,8s)
 N-E:0% E-S:9% S-W:91% W-N:0%



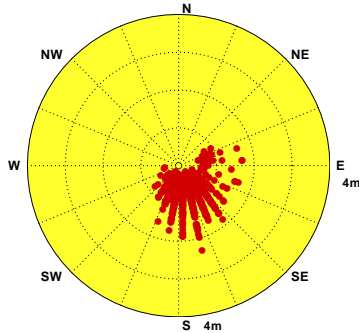
Wave of TCX0 at 2018/08 NO=744(100%)
 Hs : MEAN=.7m MAX=15.5m(WNW,6s)
 N-E:21% E-S:6% S-W:12% W-N:61%



Wave of PHY0 at 2018/08 NO=744(100%)
 Hs : MEAN=.7m MAX=2.0m(NNW,5s)
 N-E:5% E-S:0% S-W:81% W-N:14%



Wave of KMY0 at 2018/08 NO=744(100%)
 Hs : MEAN=.9m MAX=2.4m(SSE,6s)
 N-E:2% E-S:42% S-W:56% W-N:0%



Wave of MSY0 at 2018/08 NO=744(100%)
 Hs : MEAN=1.3m MAX=3.7m(SE,8s)
 N-E:38% E-S:44% S-W:17% W-N:1%

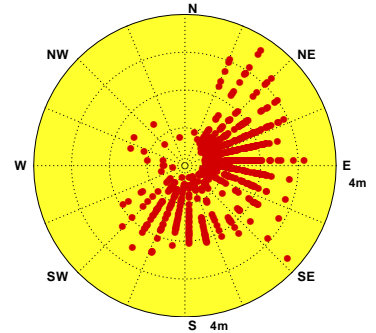


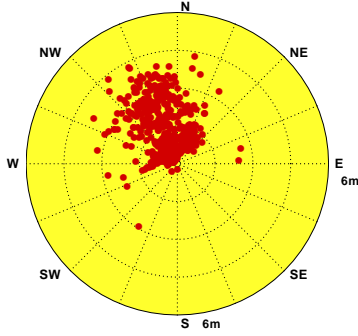
圖4.9b 2018年8月12海域主要測站1修補後波高向量分佈圖

V188TPX0.1HA V188KLX0.1HA V188SAX0.1HA V188HLX0.1HA V188LTY0.1HA V188PNY0.1HA
 V188KHX0.1HA V188CNX0.1HA V188TCX0.1HA V188PHY0.1HA V188KMY0.1HA V188MSY0.1HA

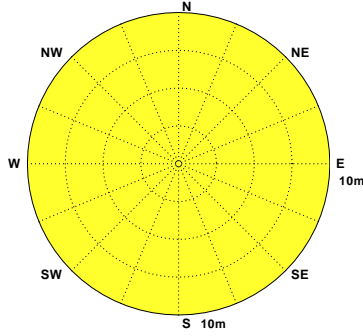
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

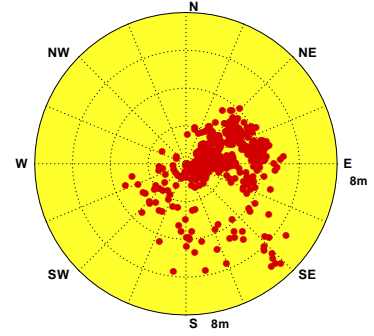
Wave of TPX0 at 2018/09 NO=691(96%)
 Hs : MEAN=1.2m MAX=4.3m(NW,9s)
 N-E:12% E-S:0% S-W:13% W-N:75%



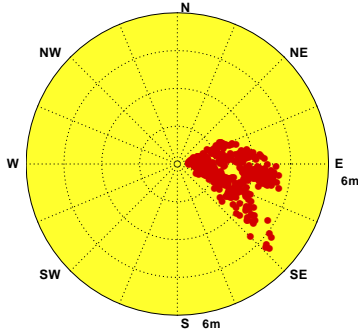
Wave of KLX0 at 2018/09



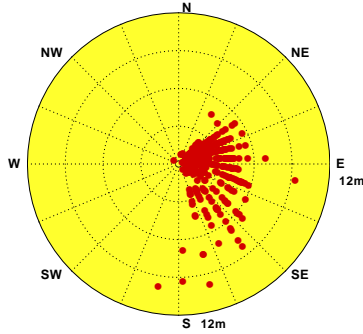
Wave of SAX0 at 2018/09 NO=699(97%)
 Hs : MEAN=1.8m MAX=7.4m(SE,16s)
 N-E:41% E-S:51% S-W:8% W-N:0%



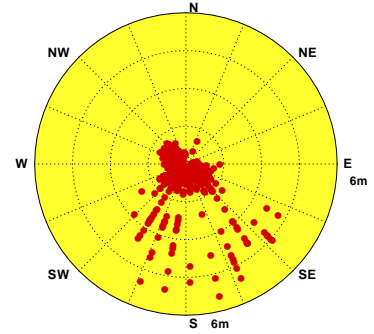
Wave of HLX0 at 2018/09 NO=709(98%)
 Hs : MEAN=1.5m MAX=5.0m(SE,16s)
 N-E:13% E-S:87% S-W:0% W-N:0%



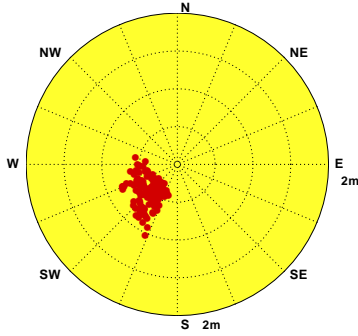
Wave of LTY0 at 2018/09 NO=689(96%)
 Hs : MEAN=1.7m MAX=10.4m(S,13s)
 N-E:40% E-S:59% S-W:1% W-N:0%



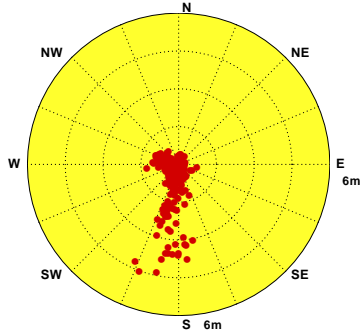
Wave of PNY0 at 2018/09 NO=693(96%)
 Hs : MEAN=1.0m MAX=5.6m(SSE,9s)
 N-E:0% E-S:30% S-W:52% W-N:18%



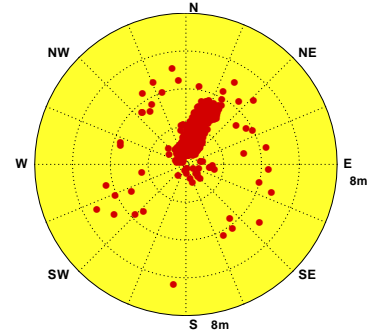
Wave of KHX0 at 2018/09 NO=169(23%)
 Hs : MEAN=.6m MAX=1.1m(SSW,8s)
 N-E:0% E-S:0% S-W:99% W-N:1%



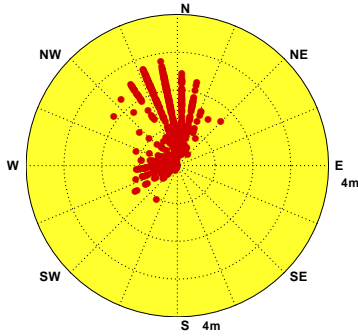
Wave of CNX0 at 2018/09 NO=693(96%)
 Hs : MEAN=.8m MAX=4.8m(SSW,12s)
 N-E:0% E-S:5% S-W:88% W-N:7%



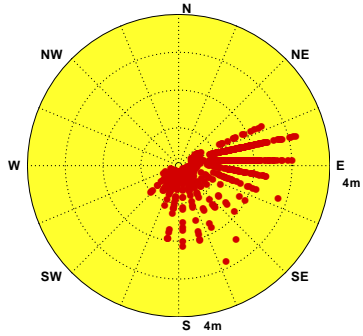
Wave of TCX0 at 2018/09 NO=671(93%)
 Hs : MEAN=1.7m MAX=6.7m(S,5s)
 N-E:68% E-S:3% S-W:3% W-N:26%



Wave of PHY0 at 2018/09 NO=715(99%)
 Hs : MEAN=1.0m MAX=2.7m(NNW,6s)
 N-E:17% E-S:0% S-W:34% W-N:49%



Wave of KMY0 at 2018/09 NO=696(97%)
 Hs : MEAN=1.1m MAX=3.0m(ENE,7s)
 N-E:25% E-S:46% S-W:29% W-N:0%



Wave of MSY0 at 2018/09 NO=717(100%)
 Hs : MEAN=2.0m MAX=5.2m(ENE,9s)
 N-E:51% E-S:40% S-W:9% W-N:0%

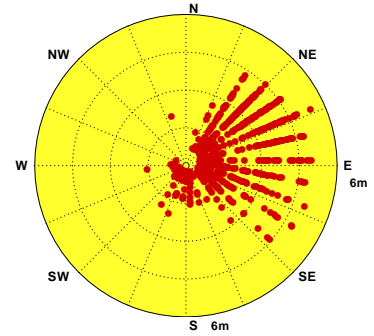


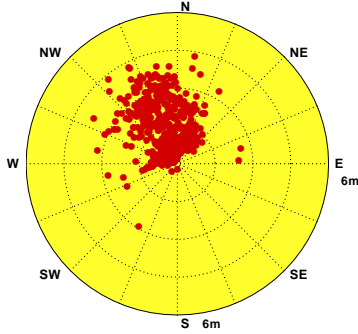
圖4.10a 2018年9月12海域主要測站1修補前波高向量分佈圖

V189TPX0.1H0 V189KLX0.1H0 V189SAX0.1H0 V189HLX0.1H0 V189LTY0.1H0 V189PNY0.1H0
 V189KHX0.1H0 V189CNX0.1H0 V189TCX0.1H0 V189PHY0.1H0 V189KMY0.1H0 V189MSY0.1H0

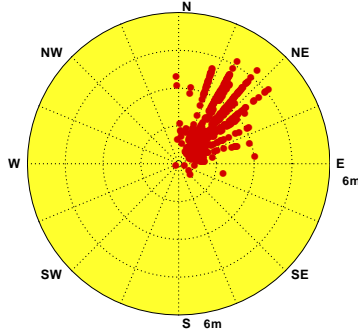
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

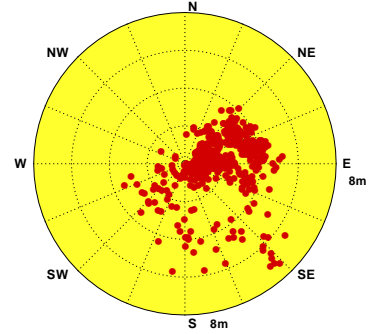
Wave of TPX0 at 2018/09 NO=720(100%)
 Hs : MEAN=1.3m MAX=4.3m(NW,9s)
 N-E:14% E-S:0% S-W:12% W-N:74%



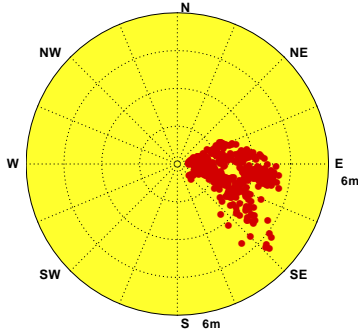
Wave of KLX0 at 2018/09 NO=720(100%)
 Hs : MEAN=1.4m MAX=4.6m(NE,13s)
 N-E:97% E-S:2% S-W:0% W-N:1%



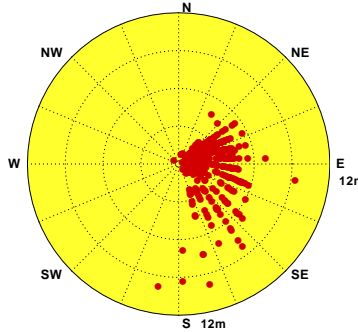
Wave of SAX0 at 2018/09 NO=720(100%)
 Hs : MEAN=1.8m MAX=7.4m(SE,16s)
 N-E:41% E-S:52% S-W:7% W-N:0%



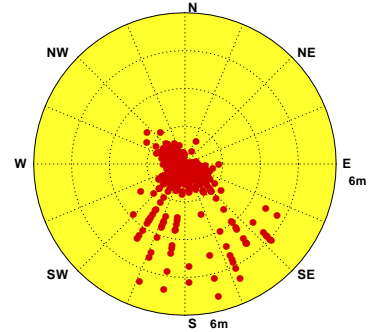
Wave of HLX0 at 2018/09 NO=720(100%)
 Hs : MEAN=1.5m MAX=5.0m(SE,16s)
 N-E:13% E-S:87% S-W:0% W-N:0%



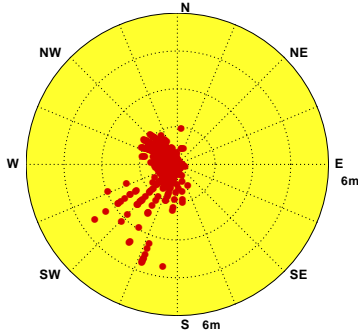
Wave of LTY0 at 2018/09 NO=720(100%)
 Hs : MEAN=1.7m MAX=10.4m(S,13s)
 N-E:42% E-S:57% S-W:1% W-N:0%



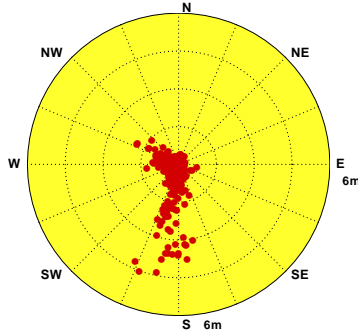
Wave of PNY0 at 2018/09 NO=720(100%)
 Hs : MEAN=1.0m MAX=5.6m(SSE,9s)
 N-E:0% E-S:29% S-W:51% W-N:20%



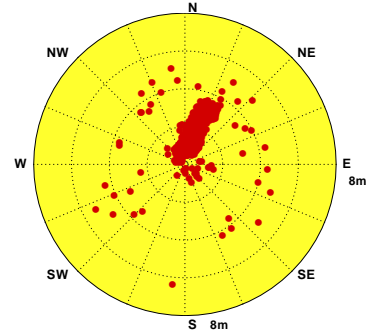
Wave of KHX0 at 2018/09 NO=720(100%)
 Hs : MEAN=.9m MAX=4.4m(SSW,12s)
 N-E:0% E-S:2% S-W:64% W-N:34%



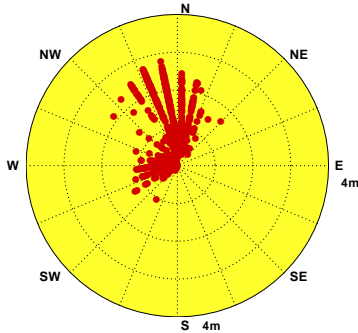
Wave of CNX0 at 2018/09 NO=720(100%)
 Hs : MEAN=.8m MAX=4.8m(SSW,12s)
 N-E:0% E-S:5% S-W:86% W-N:9%



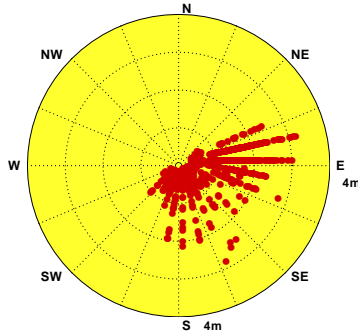
Wave of TCX0 at 2018/09 NO=720(100%)
 Hs : MEAN=1.6m MAX=6.7m(S,5s)
 N-E:64% E-S:3% S-W:3% W-N:30%



Wave of PHY0 at 2018/09 NO=720(100%)
 Hs : MEAN=1.0m MAX=2.7m(NNW,6s)
 N-E:17% E-S:0% S-W:34% W-N:49%



Wave of KMY0 at 2018/09 NO=720(100%)
 Hs : MEAN=1.1m MAX=3.0m(ENE,7s)
 N-E:25% E-S:47% S-W:28% W-N:0%



Wave of MSY0 at 2018/09 NO=720(100%)
 Hs : MEAN=2.0m MAX=5.2m(ENE,9s)
 N-E:51% E-S:40% S-W:9% W-N:0%

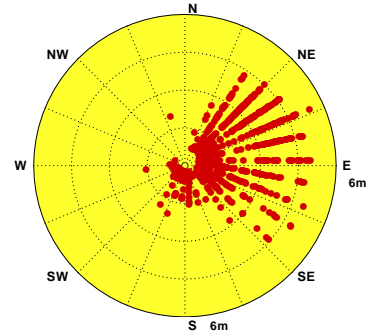


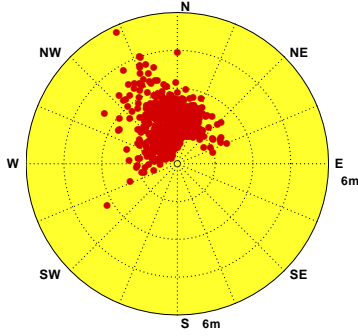
圖4.10b 2018年9月12海域主要測站1修補後波高向量分佈圖

V189TPX0.1HA V189KLX0.1HA V189SAX0.1HA V189HLX0.1HA V189LTY0.1HA V189PNY0.1HA
 V189KHX0.1HA V189CNX0.1HA V189TCX0.1HA V189PHY0.1HA V189KMY0.1HA V189MSY0.1HA

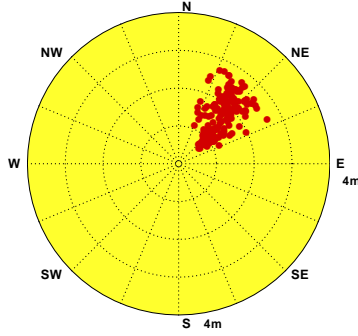
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

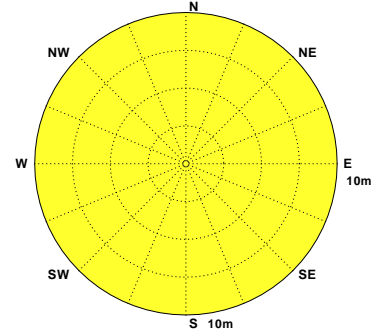
Wave of TPX0 at 2018/10 NO=692(93%)
Hs : MEAN=1.5m MAX=5.6m(NNW,10s)
N-E:26% E-S:0% S-W:3% W-N:71%



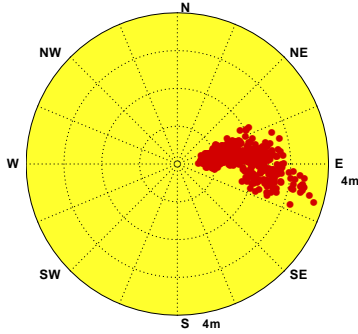
Wave of KLX0 at 2018/10 NO=174(23%)
Hs : MEAN=1.5m MAX=2.5m(NNE,8s)
N-E:99% E-S:0% S-W:0% W-N:0%



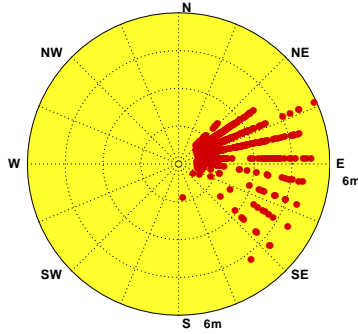
Wave of SAX0 at 2018/10



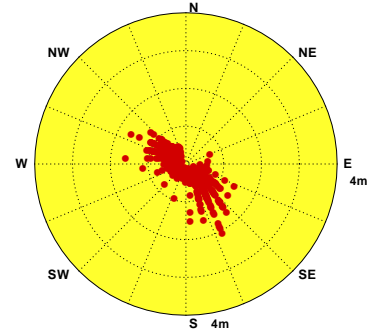
Wave of HLX0 at 2018/10 NO=740(99%)
Hs : MEAN=1.4m MAX=3.7m(ESE,14s)
N-E:54% E-S:46% S-W:0% W-N:0%



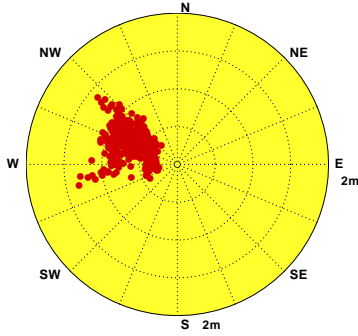
Wave of LTY0 at 2018/10 NO=736(99%)
Hs : MEAN=1.7m MAX=5.7m(ENE,11s)
N-E:76% E-S:24% S-W:0% W-N:0%



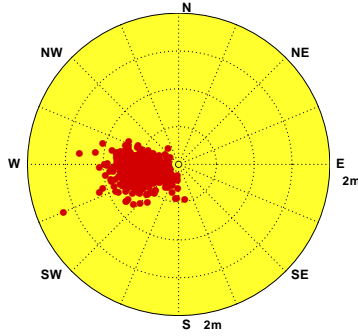
Wave of PNY0 at 2018/10 NO=707(95%)
Hs : MEAN=.6m MAX=2.2m(SSE,10s)
N-E:0% E-S:30% S-W:28% W-N:42%



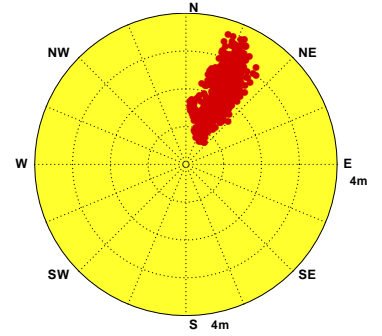
Wave of KHX0 at 2018/10 NO=649(87%)
Hs : MEAN=.6m MAX=1.4m(WSW,12s)
N-E:0% E-S:0% S-W:11% W-N:89%



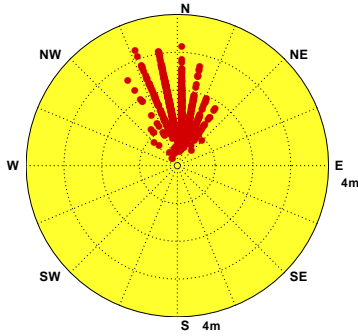
Wave of CNX0 at 2018/10 NO=688(92%)
Hs : MEAN=.6m MAX=1.7m(WSW,14s)
N-E:0% E-S:0% S-W:85% W-N:15%



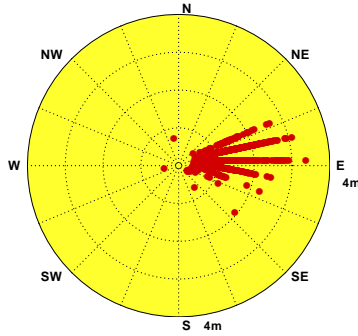
Wave of TCX0 at 2018/10 NO=740(99%)
Hs : MEAN=1.9m MAX=3.5m(NNE,8s)
N-E:99% E-S:0% S-W:0% W-N:0%



Wave of PHY0 at 2018/10 NO=741(100%)
Hs : MEAN=1.4m MAX=3.1m(NNW,6s)
N-E:54% E-S:0% S-W:0% W-N:46%



Wave of KMY0 at 2018/10 NO=726(98%)
Hs : MEAN=1.2m MAX=3.3m(E, 7s)
N-E:49% E-S:51% S-W:0% W-N:0%



Wave of MSY0 at 2018/10 NO=744(100%)
Hs : MEAN=1.9m MAX=4.4m(E, 10s)
N-E:74% E-S:26% S-W:0% W-N:0%

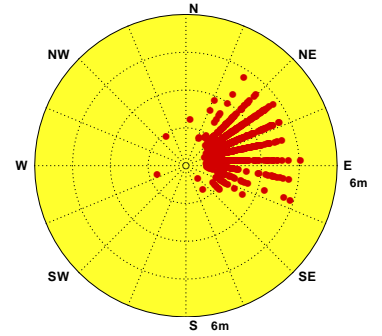


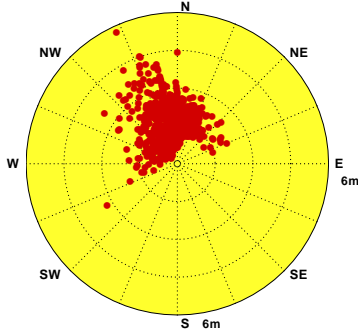
圖4.11a 2018年10月12海域主要測站1修補前波高向量分佈圖

V18ATPX0.1H0 V18AKLX0.1H0 V18ASAX0.1H0 V18AHLX0.1H0 V18ALTY0.1H0 V18APNY0.1H0
V18AKHX0.1H0 V18ACNX0.1H0 V18ATCX0.1H0 V18APHY0.1H0 V18AKMY0.1H0 V18AMSY0.1H0

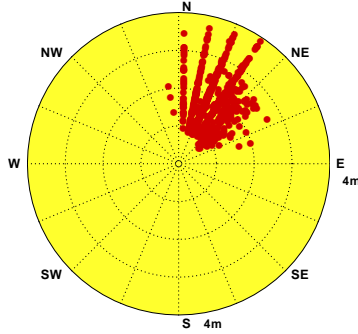
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

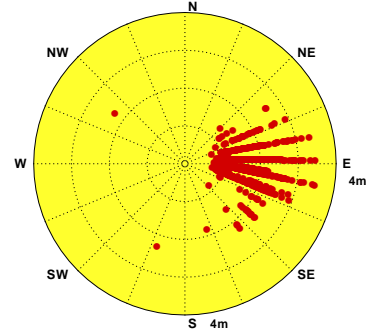
Wave of TPX0 at 2018/10 NO=744(100%)
Hs : MEAN=1.6m MAX=5.6m(NNW,10s)
N-E:24% E-S:0% S-W:3% W-N:73%



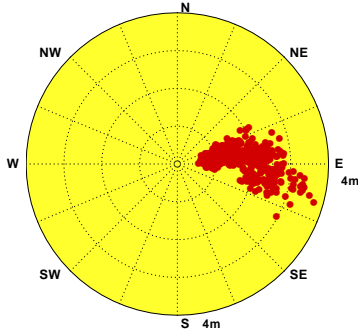
Wave of KLX0 at 2018/10 NO=744(100%)
Hs : MEAN=1.7m MAX=3.7m(NNE,10s)
N-E:99% E-S:0% S-W:0% W-N:0%



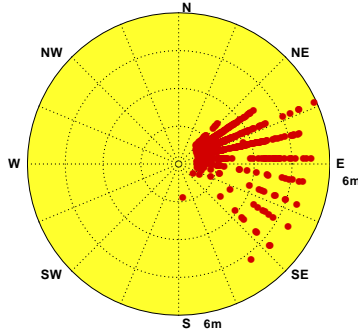
Wave of SAX0 at 2018/10 NO=744(100%)
Hs : MEAN=1.5m MAX=3.4m(ESE,14s)
N-E:18% E-S:82% S-W:0% W-N:0%



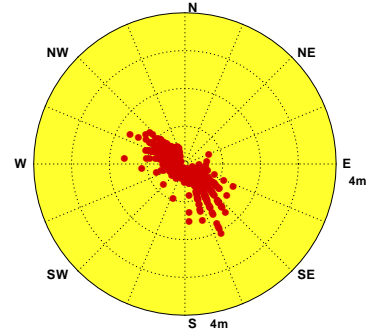
Wave of HLX0 at 2018/10 NO=744(100%)
Hs : MEAN=1.4m MAX=3.7m(ESE,14s)
N-E:54% E-S:46% S-W:0% W-N:0%



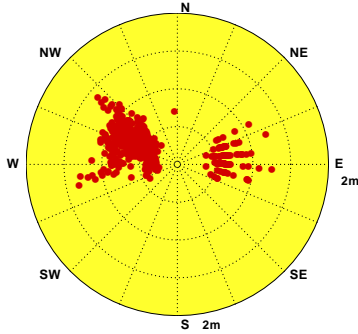
Wave of LTY0 at 2018/10 NO=744(100%)
Hs : MEAN=1.7m MAX=5.7m(ENE,11s)
N-E:77% E-S:23% S-W:0% W-N:0%



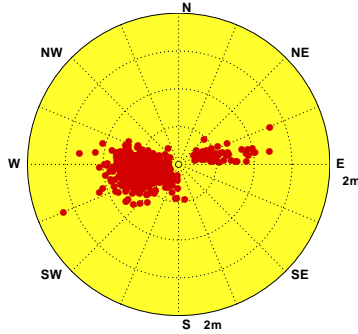
Wave of PNY0 at 2018/10 NO=744(100%)
Hs : MEAN=.6m MAX=2.2m(SSE,10s)
N-E:0% E-S:28% S-W:28% W-N:44%



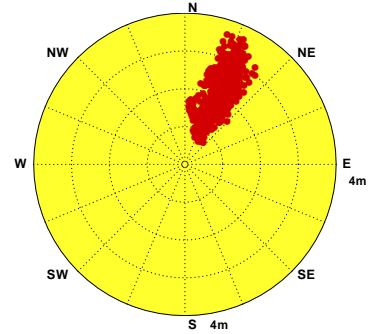
Wave of KHX0 at 2018/10 NO=744(100%)
Hs : MEAN=.6m MAX=1.4m(WSW,12s)
N-E:7% E-S:6% S-W:10% W-N:77%



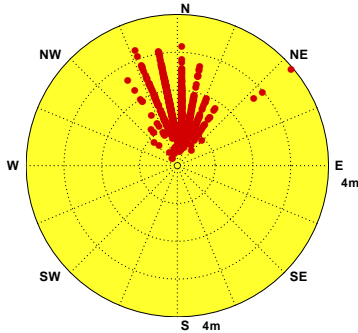
Wave of CNX0 at 2018/10 NO=744(100%)
Hs : MEAN=.6m MAX=1.7m(WSW,14s)
N-E:5% E-S:2% S-W:79% W-N:14%



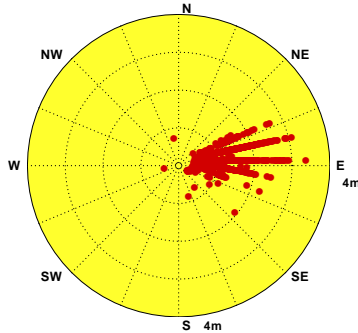
Wave of TCX0 at 2018/10 NO=744(100%)
Hs : MEAN=1.9m MAX=3.5m(NNE,8s)
N-E:99% E-S:0% S-W:0% W-N:0%



Wave of PHY0 at 2018/10 NO=744(100%)
Hs : MEAN=1.4m MAX=3.8m(NE,6s)
N-E:54% E-S:0% S-W:0% W-N:46%



Wave of KMY0 at 2018/10 NO=744(100%)
Hs : MEAN=1.2m MAX=3.3m(E, 7s)
N-E:49% E-S:51% S-W:0% W-N:0%



Wave of MSY0 at 2018/10 NO=744(100%)
Hs : MEAN=1.9m MAX=4.4m(E, 10s)
N-E:74% E-S:26% S-W:0% W-N:0%

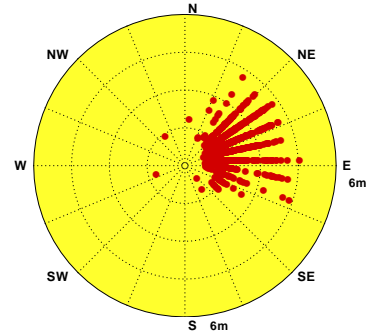


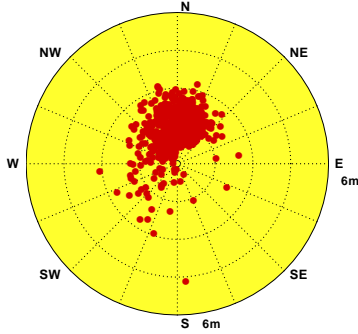
圖4.11b 2018年10月12海域主要測站1修補後波高向量分佈圖

V18ATPX0.1HA V18AKLX0.1HA V18ASAX0.1HA V18AHLX0.1HA V18ALTY0.1HA V18APNY0.1HA
V18AKHX0.1HA V18ACNX0.1HA V18ATCX0.1HA V18APHY0.1HA V18AKMY0.1HA V18AMSY0.1HA

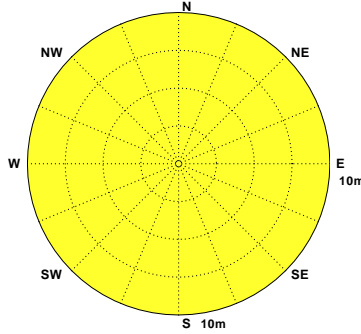
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

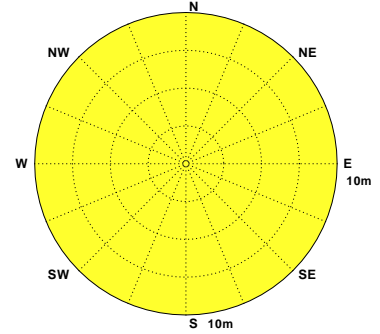
Wave of TPX0 at 2018/11 NO=709(98%)
Hs : MEAN=1.4m MAX=4.9m(S , 8s)
N-E:34% E-S:1% S-W:6% W-N:59%



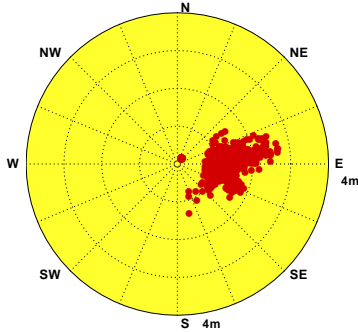
Wave of KLX0 at 2018/11



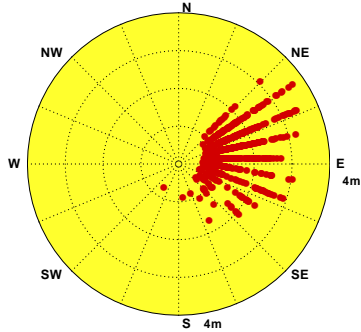
Wave of SAX0 at 2018/11



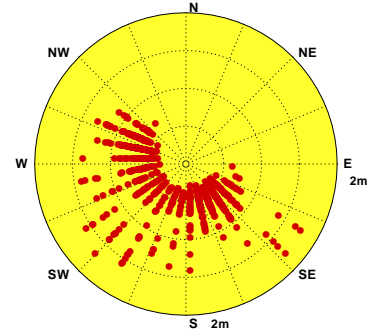
Wave of HLX0 at 2018/11 NO=712(99%)
Hs : MEAN=1.2m MAX=2.6m(E , 9s)
N-E:39% E-S:58% S-W:2% W-N:1%



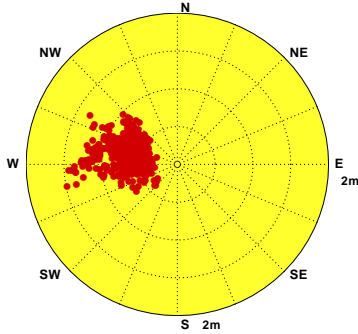
Wave of LTY0 at 2018/11 NO=718(100%)
Hs : MEAN=1.4m MAX=3.5m(NE,9s)
N-E:57% E-S:43% S-W:0% W-N:0%



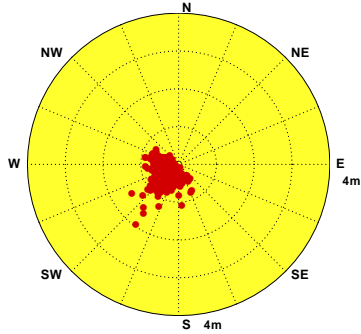
Wave of PNY0 at 2018/11 NO=713(99%)
Hs : MEAN=.7m MAX=1.8m(SW,7s)
N-E:0% E-S:37% S-W:28% W-N:35%



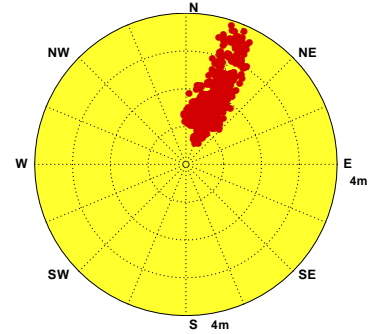
Wave of KHX0 at 2018/11 NO=653(91%)
Hs : MEAN=.7m MAX=1.6m(W,10s)
N-E:0% E-S:0% S-W:41% W-N:59%



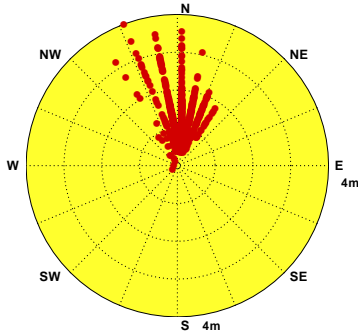
Wave of CNX0 at 2018/11 NO=646(90%)
Hs : MEAN=.6m MAX=2.1m(SW,9s)
N-E:0% E-S:1% S-W:95% W-N:4%



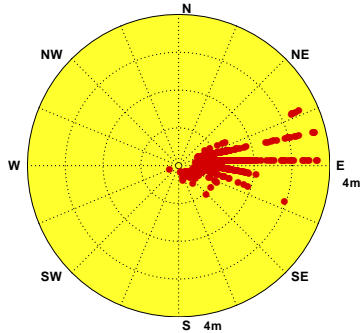
Wave of TCX0 at 2018/11 NO=703(98%)
Hs : MEAN=1.7m MAX=3.7m(NNE,9s)
N-E:98% E-S:0% S-W:0% W-N:2%



Wave of PHY0 at 2018/11 NO=643(89%)
Hs : MEAN=1.3m MAX=3.9m(NNW,7s)
N-E:61% E-S:0% S-W:0% W-N:39%



Wave of KMY0 at 2018/11 NO=699(97%)
Hs : MEAN=1.1m MAX=3.6m(E , 7s)
N-E:16% E-S:83% S-W:1% W-N:0%



Wave of MSY0 at 2018/11 NO=714(99%)
Hs : MEAN=1.8m MAX=4.7m(NE,7s)
N-E:77% E-S:23% S-W:0% W-N:0%

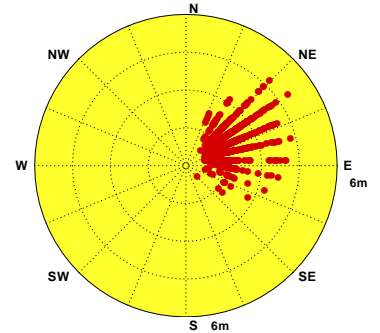


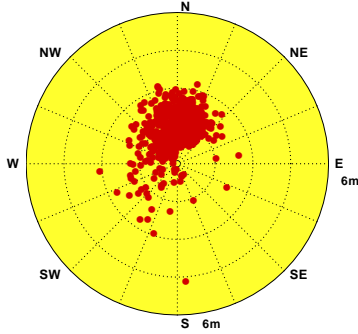
圖4.12a 2018年11月12海域主要測站1修補前波高向量分佈圖

V18BTPX0.1H0 V18BKLX0.1H0 V18BSAX0.1H0 V18BHLX0.1H0 V18BLTY0.1H0 V18BPNY0.1H0
V18BKHX0.1H0 V18BCNX0.1H0 V18BTCX0.1H0 V18BPHY0.1H0 V18BKMY0.1H0 V18BMSY0.1H0

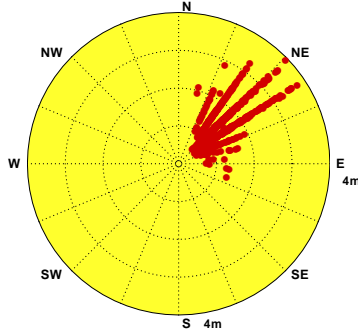
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

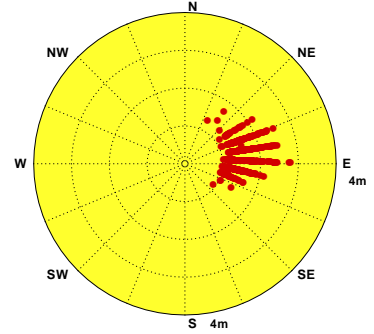
Wave of TPX0 at 2018/11 NO=720(100%)
Hs : MEAN=1.4m MAX=4.9m(S , 8s)
N-E:34% E-S:1% S-W:6% W-N:59%



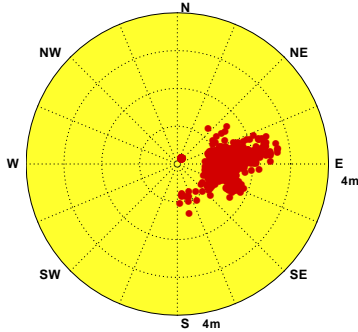
Wave of KLX0 at 2018/11 NO=720(100%)
Hs : MEAN=1.5m MAX=3.8m(NE,9s)
N-E:99% E-S:1% S-W:0% W-N:0%



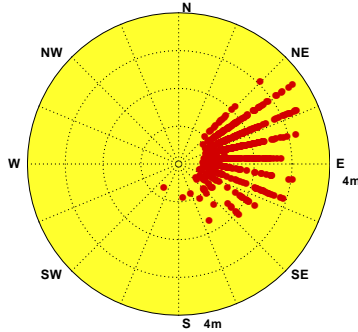
Wave of SAX0 at 2018/11 NO=720(100%)
Hs : MEAN=1.4m MAX=2.7m(E , 10s)
N-E:38% E-S:62% S-W:0% W-N:0%



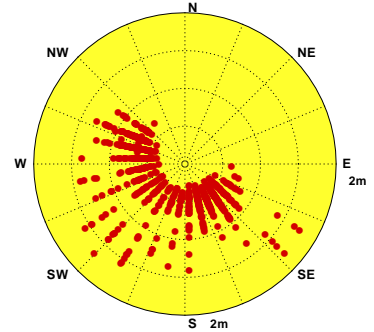
Wave of HLX0 at 2018/11 NO=720(100%)
Hs : MEAN=1.2m MAX=2.6m(E , 9s)
N-E:39% E-S:58% S-W:2% W-N:1%



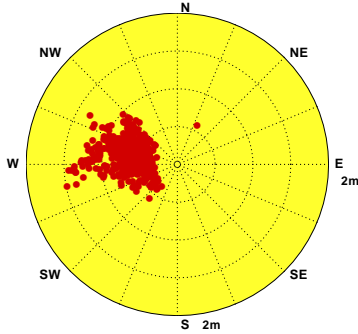
Wave of LTY0 at 2018/11 NO=720(100%)
Hs : MEAN=1.4m MAX=3.5m(NE,9s)
N-E:57% E-S:43% S-W:0% W-N:0%



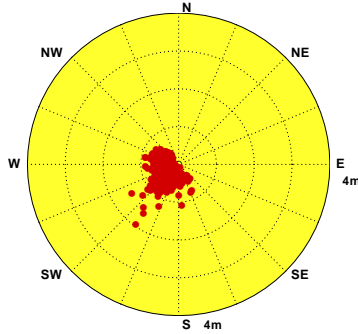
Wave of PNY0 at 2018/11 NO=720(100%)
Hs : MEAN=.7m MAX=1.8m(SW,7s)
N-E:0% E-S:37% S-W:28% W-N:35%



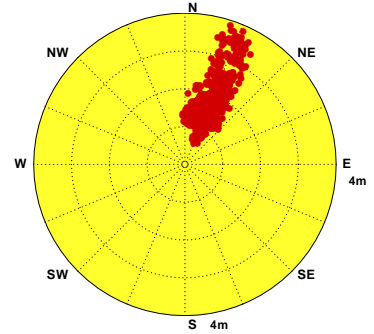
Wave of KHX0 at 2018/11 NO=720(100%)
Hs : MEAN=.7m MAX=1.6m(W,10s)
N-E:0% E-S:0% S-W:43% W-N:57%



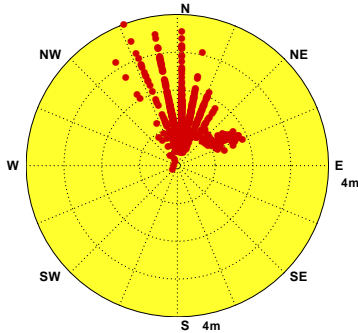
Wave of CNX0 at 2018/11 NO=720(100%)
Hs : MEAN=.6m MAX=2.1m(SW,9s)
N-E:0% E-S:1% S-W:88% W-N:11%



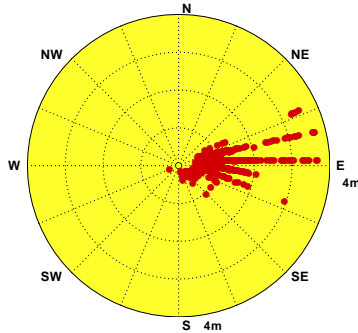
Wave of TCX0 at 2018/11 NO=720(100%)
Hs : MEAN=1.7m MAX=3.7m(NNE,9s)
N-E:98% E-S:0% S-W:0% W-N:2%



Wave of PHY0 at 2018/11 NO=720(100%)
Hs : MEAN=1.2m MAX=3.9m(NNW,7s)
N-E:65% E-S:0% S-W:43% W-N:35%



Wave of KMY0 at 2018/11 NO=720(100%)
Hs : MEAN=1.1m MAX=3.6m(E , 7s)
N-E:17% E-S:82% S-W:1% W-N:0%



Wave of MSY0 at 2018/11 NO=720(100%)
Hs : MEAN=1.8m MAX=4.7m(NE,7s)
N-E:77% E-S:23% S-W:0% W-N:0%

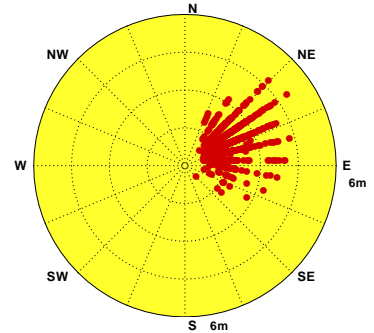


圖4.12b 2018年11月12海域主要測站1修補後波高向量分佈圖

V18BTPX0.1HA V18BKLX0.1HA V18BSAX0.1HA V18BHLX0.1HA V18BLTY0.1HA V18BPNY0.1HA
V18BKHX0.1HA V18BCNX0.1HA V18BTCX0.1HA V18BPHY0.1HA V18BKMY0.1HA V18BMSY0.1HA

Institute of Harbor & Marine Technology

第五章 2018 年 12 海域波浪**主要測站 2** 修補前後波浪統計量統計表

(北苗海域)

(北端海域)

(宜蘭海域)

(花蓮海域)

(臺東海域)

(屏東海域)

(高雄海域)

(嘉南海域)

(中雲海域)

(澎湖海域)

(金門海域)

(馬祖海域)

表5.1a 2017年12月12個海域主要測站2修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	
北苗(Y)	100%	1.86	4.5/ 7.2/NNW	5.4	7.7	.0	33.5	60.9	5.5	87.0	13.0	.0	.0	100%	87.0	.0	.0	13.0	N /79%
北端(Y)	100%	1.93	5.2/ 8.2/NE	6.2	8.5	.0	30.9	60.2	8.9	38.3	60.3	1.3	.0	100%	85.3	14.7	.0	.0	ENE/48%
宜蘭(Y)	100%	1.74	3.7/ 7.4/ENE	6.3	7.9	.0	41.1	56.5	2.4	27.7	72.3	.0	.0	100%	73.7	26.3	.0	.0	ENE/39%
花蓮(Y)	99%	1.68	4.2/ 6.7/NE	6.1	7.7	.0	46.7	50.2	3.1	40.1	59.9	.0	.0	99%	88.5	11.2	.3	.0	NE /53%
臺東(X)	100%	.53	.9/ 6.6/NW	6.4	10.9	42.5	57.5	.0	.0	46.4	36.6	12.5	4.6	100%	.0	.0	40.2	59.8	WNW/32%
屏東(Z)	100%	.99	2.3/ 5.3/ENE	5.5	8.3	1.1	94.3	4.6	.0	59.8	39.9	.3	.0	100%	13.0	83.8	3.2	.0	SE /42%
高雄(Z)	96%	.86	1.5/ 5.4/NW	4.6	5.9	.6	99.4	.0	.0	100.0	.0	.0	.0	96%	.3	.8	12.6	86.3	NW /48%
嘉南(A)	100%	.78	1.5/10.3/WNW	8.3	11.9	15.9	84.0	.1	.0	8.2	23.7	56.8	11.3	100%	.0	.0	.1	99.9	WNW/60%
中雲(Y)	0																		
澎湖(X)	100%	.82	1.9/ 9.2/ESE	8.6	11.3	8.5	87.0	4.6	.0	2.7	21.8	64.2	11.3	100%	.0	99.6	.4	.0	SE /49%
金門(X)	30%	1.36	2.1/ 9.1/ESE	7.6	9.9	.0	61.9	38.1	.0	.4	72.6	27.0	.0	30%	.0	99.6	.0	.4	ESE/95%
馬祖(X)	100%	.69	1.4/ 6.8/SW	7.1	10.1	20.7	79.3	.0	.0	18.4	50.5	30.8	.3	100%	13.8	.0	86.2	.0	SW /64%

表5.1b 2017年12月12個海域主要測站2修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比)
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	來向/%
北苗(Y)	100%	1.86	4.5/ 7.2/NNW	5.4	7.7	.1	33.3	61.0	5.5	87.1	12.9	.0	.0	100%	86.7	.0	.0	13.3	N /79%
北端(Y)	100%	1.93	5.2/ 8.2/NE	6.2	8.5	.0	30.9	60.2	8.9	38.3	60.3	1.3	.0	100%	85.3	14.7	.0	.0	ENE/48%
宜蘭(Y)	100%	1.74	3.7/ 7.4/ENE	6.3	7.9	.0	41.1	56.5	2.4	27.7	72.3	.0	.0	100%	73.7	26.3	.0	.0	ENE/39%
花蓮(Y)	100%	1.69	4.2/ 6.7/NE	6.1	7.7	.0	46.5	50.3	3.2	39.9	60.1	.0	.0	100%	88.6	11.2	.3	.0	NE /53%
臺東(X)	100%	.53	.9/ 6.6/NW	6.4	10.9	42.5	57.5	.0	.0	46.4	36.6	12.5	4.6	100%	.0	.0	40.2	59.8	WNW/32%
屏東(Z)	100%	.99	2.3/ 5.3/ENE	5.5	8.3	1.1	94.4	4.6	.0	59.9	39.8	.3	.0	100%	12.9	83.9	3.2	.0	SE /42%
高雄(Z)	100%	.86	1.5/ 5.4/NW	4.6	5.9	.5	99.5	.0	.0	100.0	.0	.0	.0	100%	.3	.8	12.5	86.4	NW /48%
嘉南(A)	100%	.78	1.5/10.3/WNW	8.3	11.9	15.9	84.0	.1	.0	8.2	23.8	56.7	11.3	100%	.1	.0	.1	99.7	WNW/60%
中雲(Y)	100%	5.70	14.1/ 9.1/NNE	6.4	9.9	.0	.0	6.6	93.4	29.3	67.9	2.8	.0	100%	100.0	.0	.0	.0	NNE/56%
澎湖(X)	100%	.82	1.9/ 9.2/ESE	8.6	11.3	8.5	87.0	4.6	.0	2.7	21.8	64.2	11.3	100%	.0	99.6	.4	.0	SE /49%
金門(X)	100%	1.34	2.6/ 8.4/ESE	7.5	9.9	.0	65.7	34.3	.0	.1	85.8	14.1	.0	100%	3.1	96.8	.0	.1	ESE/93%
馬祖(X)	100%	.69	1.4/ 6.8/SW	7.1	10.1	20.7	79.3	.0	.0	18.4	50.5	30.8	.3	100%	13.8	.0	86.2	.0	SW /64%

表5.2a 2018年1月12個海域主要測站2修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比)
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	來向/%
北苗(Y)	98%	1.51	3.9/ 7.1/NNW	5.1	7.1	4.8	47.5	45.3	2.5	88.9	11.1	.0	.0	98%	71.3	.0	.0	28.7	N /67%
北端(Y)	43%	1.54	4.3/ 8.2/NE	5.9	8.2	.0	55.7	41.5	2.8	52.0	47.7	.3	.0	43%	71.2	28.8	.0	.0	ENE/43%
宜蘭(Y)	100%	1.43	3.6/ 8.3/ENE	6.2	8.3	.0	66.8	32.9	.3	31.2	68.7	.1	.0	100%	65.3	34.5	.1	.0	NE /32%
花蓮(Y)	100%	1.46	3.3/ 6.6/NE	6.2	8.0	.0	60.7	38.7	.5	30.8	69.1	.1	.0	100%	88.1	11.9	.0	.0	NE /50%
臺東(X)	100%	.41	1.0/ 5.6/NW	7.0	10.1	80.5	19.5	.0	.0	28.1	43.4	27.3	1.2	100%	.0	.0	55.5	44.5	WNW/24%
屏東(Z)	100%	.88	2.2/ 7.4/SE	5.5	8.8	7.0	88.8	4.2	.0	65.7	33.3	.9	.0	100%	8.2	84.1	7.3	.4	SE /44%
高雄(Z)	96%	.74	1.6/ 4.6/NNW	4.5	5.8	5.7	94.1	.1	.0	100.0	.0	.0	.0	96%	.1	2.7	15.8	81.4	NW /42%
嘉南(A)	100%	.63	1.5/10.3/NW	7.7	10.9	32.7	67.3	.0	.0	10.3	39.2	47.2	3.4	100%	.0	.0	.8	99.2	WNW/71%
中雲(Y)	0																		
澎湖(X)	100%	.69	1.8/ 9.9/SE	8.2	10.8	18.8	80.4	.8	.0	4.2	32.8	58.1	5.0	100%	.1	98.7	1.2	.0	SE /46%
金門(X)	47%	1.13	2.0/ 7.8/ESE	7.0	10.7	4.0	80.1	15.9	.0	7.1	84.1	7.7	1.1	47%	.0	100.0	.0	.0	ESE/88%
馬祖(X)	99%	.68	1.8/ 7.8/NE	7.0	9.7	26.4	72.9	.7	.0	14.8	63.7	21.5	.0	99%	80.5	.0	19.5	.0	NNE/42%

表5.2b 2018年1月12個海域主要測站2修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	
北苗(Y)	100%	1.51	3.9/ 7.1/NNW	5.1	7.1	4.8	47.8	44.9	2.4	88.6	11.4	.0	.0	100%	70.6	.0	.0	29.4	N /66%
北端(Y)	100%	1.58	4.3/ 8.2/NE	5.9	8.2	.0	50.9	46.1	3.0	51.1	48.8	.1	.0	100%	37.8	62.2	.0	.0	E /44%
宜蘭(Y)	100%	1.43	3.6/ 8.3/ENE	6.2	8.3	.0	66.8	32.9	.3	31.2	68.7	.1	.0	100%	65.3	34.5	.1	.0	NE /32%
花蓮(Y)	100%	1.46	3.3/ 6.6/NE	6.2	8.0	.0	60.9	38.6	.5	30.9	69.0	.1	.0	100%	88.2	11.8	.0	.0	NE /50%
臺東(X)	100%	.41	1.0/ 5.6/NW	7.0	10.1	80.5	19.5	.0	.0	28.1	43.4	27.3	1.2	100%	.0	.0	55.5	44.5	WNW/24%
屏東(Z)	100%	.88	2.2/ 7.4/SE	5.5	8.8	7.0	88.8	4.2	.0	65.6	33.5	.9	.0	100%	8.2	84.0	7.4	.4	SE /44%
高雄(Z)	100%	.74	1.6/ 4.6/NNW	4.5	5.8	5.5	94.4	.1	.0	100.0	.0	.0	.0	100%	.1	2.6	15.2	82.1	NW /42%
嘉南(A)	100%	.63	1.5/10.3/NW	7.7	10.9	33.1	66.9	.0	.0	10.2	39.5	46.9	3.4	100%	.5	.0	.8	98.7	WNW/71%
中雲(Y)	100%	2.61	6.3/ 6.6/SSW	5.7	7.4	.9	9.9	59.1	30.0	63.2	36.8	.0	.0	100%	61.6	.0	38.2	.3	NNE/58%
澎湖(X)	100%	.69	1.8/ 9.9/SE	8.2	10.8	18.8	80.4	.8	.0	4.2	32.8	58.1	5.0	100%	.1	98.7	1.2	.0	SE /46%
金門(X)	100%	1.09	2.0/ 7.5/E	7.0	10.7	1.9	87.6	10.5	.0	3.5	92.2	3.8	.5	100%	1.6	98.4	.0	.0	ESE/60%
馬祖(X)	100%	.68	1.8/ 7.8/NE	7.0	9.7	26.2	73.1	.7	.0	14.7	63.2	22.2	.0	100%	80.6	.0	19.4	.0	NNE/41%

表5.3a 2018年2月12個海域主要測站2修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	
北苗(Y)	98%	1.48	3.5/ 7.3/N	5.1	7.3	10.0	41.5	47.7	.8	93.0	7.0	.0	.0	98%	77.0	.0	.6	22.4	N /65%
北端(Y)	25%	1.54	3.7/ 7.7/NE	6.2	7.7	3.6	51.5	41.9	3.0	35.3	64.7	.0	.0	25%	85.6	12.6	1.8	.0	NE /51%
宜蘭(Y)	100%	1.44	3.2/ 7.7/NE	6.3	8.8	.0	56.3	43.6	.1	35.4	62.2	2.4	.0	100%	70.1	29.9	.0	.0	NE /42%
花蓮(Y)	100%	1.47	4.8/ 8.2/NE	6.1	8.2	.0	57.4	40.2	2.4	45.3	54.4	.3	.0	100%	85.5	14.2	.3	.0	NE /45%
臺東(X)	100%	.47	1.3/ 3.8/SW	6.3	10.1	67.0	33.0	.0	.0	44.8	36.5	18.3	.4	100%	.0	.6	48.2	51.2	NW /27%
屏東(Z)	100%	.78	2.0/ 8.1/SSE	5.6	8.1	15.8	83.3	.9	.0	59.5	39.8	.7	.0	100%	6.6	88.7	4.5	.3	SE /52%
高雄(Z)	94%	.83	1.5/ 4.6/NNW	4.6	6.4	3.5	96.4	.2	.0	98.9	1.1	.0	.0	94%	.0	4.1	23.8	72.1	NW /40%
嘉南(A)	99%	.61	1.2/ 9.3/WNW	7.7	10.3	42.3	57.7	.0	.0	10.8	35.5	52.4	1.2	99%	.0	.0	5.7	94.3	WNW/66%
中雲(Y)	0																		
澎湖(X)	100%	.70	1.8/ 9.7/ESE	8.1	11.1	20.7	78.4	.9	.0	5.2	32.9	60.6	1.3	100%	.0	92.4	7.6	.0	SE /39%
金門(X)	75%	1.00	1.9/ 6.8/ESE	7.0	9.9	4.7	89.9	5.3	.0	9.7	81.1	9.3	.0	75%	.0	100.0	.0	.0	ESE/70%
馬祖(X)	100%	.62	1.3/ 8.0/NE	7.4	10.2	35.0	65.0	.0	.0	13.5	40.9	45.4	.1	100%	100.0	.0	.0	.0	NE /59%

表5.3b 2018年2月12個海域主要測站2修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	
北苗(Y)	100%	1.47	3.5/ 7.3/N	5.1	7.3	10.3	42.0	47.0	.7	93.2	6.8	.0	.0	100%	75.9	.0	.6	23.5	N /64%
北端(Y)	100%	1.56	3.7/ 7.7/NE	6.2	7.7	.9	51.9	45.8	1.3	30.7	69.3	.0	.0	100%	46.2	53.4	.4	.0	E /50%
宜蘭(Y)	100%	1.44	3.2/ 7.7/NE	6.3	8.8	.0	56.3	43.6	.1	35.4	62.2	2.4	.0	100%	70.1	29.9	.0	.0	NE /42%
花蓮(Y)	100%	1.47	4.8/ 8.2/NE	6.1	8.2	.0	57.3	40.3	2.4	45.1	54.6	.3	.0	100%	85.6	14.1	.3	.0	NE /45%
臺東(X)	100%	.47	1.3/ 3.8/SW	6.3	10.1	67.0	33.0	.0	.0	44.8	36.5	18.3	.4	100%	.0	.6	48.2	51.2	NW /27%
屏東(Z)	100%	.78	2.0/ 8.1/SSE	5.6	8.1	15.8	83.3	.9	.0	59.4	39.9	.7	.0	100%	6.5	88.7	4.5	.3	SE /52%
高雄(Z)	100%	.82	1.5/ 4.6/NNW	4.6	6.4	3.3	96.6	.1	.0	99.0	1.0	.0	.0	100%	.0	3.9	22.9	73.2	NW /41%
嘉南(A)	100%	.61	1.2/ 9.3/WNW	7.7	10.3	42.9	57.1	.0	.0	10.7	36.3	51.8	1.2	100%	1.2	.0	5.7	93.2	WNW/65%
中雲(Y)	100%	2.76	7.1/ 8.5/NNE	5.6	8.5	6.5	16.8	33.0	43.6	67.7	32.1	.1	.0	100%	98.2	.0	.1	1.6	NNE/69%
澎湖(X)	100%	.70	1.8/ 9.7/ESE	8.1	11.1	20.7	78.4	.9	.0	5.2	32.9	60.6	1.3	100%	.0	92.4	7.6	.0	SE /39%
金門(X)	100%	1.03	1.9/ 8.2/ESE	7.0	9.9	3.6	90.6	5.8	.0	7.4	85.3	7.3	.0	100%	1.0	99.0	.0	.0	ESE/62%
馬祖(X)	100%	.62	1.3/ 8.0/NE	7.4	10.2	35.0	65.0	.0	.0	13.5	40.9	45.4	.1	100%	100.0	.0	.0	.0	NE /59%

表5.4a 2018年3月12個海域主要測站2修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比)
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	來向/%
北苗(Y)	98%	.98	2.9/ 6.0/NNW	4.8	6.4	23.7	57.0	19.3	.0	97.3	2.7	.0	.0	98%	83.4	.0	1.0	15.6	N /66%
北端(Y)	88%	1.22	4.0/ 7.9/NE	6.2	9.3	1.4	72.4	22.7	3.5	45.0	52.7	2.3	.0	88%	77.4	19.4	3.1	.2	NE /41%
宜蘭(Y)	100%	1.14	2.9/ 7.1/ENE	6.0	8.7	.3	77.4	22.3	.0	51.3	46.5	2.2	.0	100%	40.5	59.5	.0	.0	ESE/29%
花蓮(Y)	100%	1.09	3.4/ 6.8/NE	6.1	8.1	.1	82.3	16.6	.9	43.1	56.3	.5	.0	100%	72.8	26.3	.8	.1	NE /31%
臺東(X)	30%	.51	1.5/ 4.3/SW	5.8	11.1	64.9	35.1	.0	.0	52.3	39.6	5.9	2.3	30%	.0	2.3	71.6	26.1	SW /22%
屏東(Z)	100%	.66	1.8/ 6.3/SE	5.6	8.7	22.9	76.4	.7	.0	69.8	29.8	.4	.0	100%	2.4	94.2	2.8	.5	SE /67%
高雄(Z)	93%	.72	1.5/ 4.6/NNW	4.7	6.1	18.0	81.7	.3	.0	99.6	.4	.0	.0	93%	.3	4.2	43.1	52.4	S /22%
嘉南(A)	97%	.44	1.1/ 9.5/NW	6.7	11.3	69.2	30.8	.0	.0	26.3	48.6	23.2	1.9	97%	.4	.0	13.7	85.9	WNW/57%
中雲(Y)	0																		
澎湖(X)	100%	.59	1.8/ 9.4/SE	7.2	11.2	37.8	61.7	.5	.0	21.6	48.0	29.3	1.1	100%	.0	83.5	16.5	.0	S /31%
金門(X)	68%	.72	1.8/ 8.2/ESE	6.9	9.8	13.7	85.5	.8	.0	12.3	75.6	12.1	.0	68%	.0	100.0	.0	.0	ESE/57%
馬祖(X)	98%	.47	1.5/ 8.3/NE	7.8	12.5	66.0	34.0	.0	.0	22.1	31.3	23.9	22.7	98%	100.0	.0	.0	.0	NE /66%

表5.4b 2018年3月12個海域主要測站2修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	
北苗(Y)	100%	.98	2.9/ 6.0/NNW	4.8	6.4	24.2	56.9	19.0	.0	97.3	2.7	.0	.0	100%	82.4	.0	1.2	16.4	N /65%
北端(Y)	100%	1.21	4.0/ 7.9/NE	6.1	9.3	1.3	72.6	23.0	3.1	46.9	51.1	2.0	.0	100%	71.5	25.7	2.7	.1	NE /36%
宜蘭(Y)	100%	1.14	2.9/ 7.1/ENE	6.0	8.7	.3	77.4	22.3	.0	51.3	46.5	2.2	.0	100%	40.5	59.5	.0	.0	ESE/29%
花蓮(Y)	100%	1.09	3.4/ 6.8/NE	6.1	8.1	.1	82.3	16.7	.9	43.1	56.3	.5	.0	100%	72.8	26.2	.8	.1	NE /31%
臺東(X)	100%	.47	1.5/ 4.3/SW	6.7	11.1	75.3	24.7	.0	.0	21.9	62.6	14.5	.9	100%	9.0	.7	82.5	7.8	SSW/34%
屏東(Z)	100%	.66	1.8/ 6.3/SE	5.6	8.7	22.8	76.5	.7	.0	69.6	30.0	.4	.0	100%	2.4	94.2	2.8	.5	SE /67%
高雄(Z)	100%	.72	1.5/ 4.6/NNW	4.7	6.1	17.1	82.7	.3	.0	99.6	.4	.0	.0	100%	.3	3.9	43.1	52.7	S /20%
嘉南(A)	100%	.44	1.1/ 9.5/NW	6.7	11.3	69.6	30.4	.0	.0	25.8	49.7	22.6	1.9	100%	.4	.0	15.9	83.7	WNW/56%
中雲(Y)	100%	1.23	3.3/ 6.2/NNE	5.2	6.6	7.1	63.2	29.4	.3	92.7	7.3	.0	.0	100%	95.4	.0	2.6	2.0	NNE/57%
澎湖(X)	100%	.59	1.8/ 9.4/SE	7.2	11.2	37.8	61.7	.5	.0	21.6	48.0	29.3	1.1	100%	.0	83.5	16.5	.0	S /31%
金門(X)	100%	.81	2.1/ 8.9/ESE	6.9	9.8	12.6	81.2	6.2	.0	8.7	81.7	9.5	.0	100%	1.1	98.9	.0	.0	ESE/51%
馬祖(X)	100%	.47	1.5/ 8.3/NE	7.8	12.5	65.5	34.5	.0	.0	21.8	31.3	24.6	22.3	100%	100.0	.0	.0	.0	NE /67%

表5.5a 2018年4月12個海域主要測站2修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集 率	H_s 平均 (m)	H_s 最大 (波高/週期/波向) (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集 率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
北苗(Y)	99%	.63	3.3/ 7.2/NNW	4.3	7.2	55.6	39.3	4.8	.3	98.5	1.5	.0	.0	99%	72.1	.0	3.8	24.1	N /52%
北端(Y)	100%	.89	3.6/ 7.6/NE	5.9	8.1	12.8	76.6	10.2	.4	59.8	39.5	.7	.0	100%	68.7	28.5	2.4	.4	ENE/39%
宜蘭(Y)	100%	.89	2.5/ 6.4/NE	5.8	8.6	7.1	83.8	9.2	.0	62.1	37.1	.8	.0	100%	32.5	67.5	.0	.0	ESE/30%
花蓮(Y)	100%	.90	3.8/ 7.0/NE	6.0	8.7	7.2	83.3	9.2	.3	51.7	46.1	2.2	.0	100%	64.3	33.4	1.7	.6	NE /29%
臺東(X)	0																		
屏東(Z)	100%	.73	1.6/ 9.5/S	5.3	9.5	16.7	83.1	.3	.0	81.7	16.7	1.7	.0	100%	3.1	94.7	2.2	.0	SE /64%
高雄(Z)	93%	.50	1.9/ 4.7/NW	4.2	5.6	62.7	36.4	.9	.0	100.0	.0	.0	.0	93%	.4	6.3	40.6	52.7	NW /23%
嘉南(A)	97%	.36	1.3/11.0/NNW	5.8	13.7	81.4	18.6	.0	.0	48.7	37.7	9.7	3.9	97%	1.0	.9	27.8	70.3	WNW/44%
中雲(Y)	0																		
澎湖(X)	100%	.45	1.7/ 9.5/ESE	6.2	11.4	73.9	25.3	.8	.0	55.1	27.6	15.3	1.9	100%	.1	67.6	32.2	.0	S /33%
金門(X)	97%	.68	2.2/ 7.6/ESE	6.3	12.6	31.4	66.0	2.6	.0	35.7	55.5	7.4	1.4	97%	.0	97.7	2.3	.0	ESE/42%
馬祖(X)	99%	.38	1.5/ 7.8/NE	7.9	12.9	81.4	18.4	.1	.0	21.7	31.9	26.9	19.5	99%	99.6	.1	.3	.0	NE /69%

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表5.5b 2018年4月12個海域主要測站2修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比)
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	來向/%
北苗(Y)	100%	.63	3.3/ 7.2/NNW	4.3	7.2	55.7	39.3	4.7	.3	98.5	1.5	.0	.0	100%	71.1	.0	3.9	25.0	N /52%
北端(Y)	100%	.89	3.6/ 7.6/NE	5.9	8.1	12.8	76.7	10.1	.4	59.9	39.4	.7	.0	100%	68.6	28.6	2.4	.4	ENE/39%
宜蘭(Y)	100%	.89	2.5/ 6.4/NE	5.8	8.6	7.1	83.8	9.2	.0	62.1	37.1	.8	.0	100%	32.5	67.5	.0	.0	ESE/30%
花蓮(Y)	100%	.90	3.8/ 7.0/NE	6.0	8.7	7.2	83.3	9.2	.3	51.5	46.3	2.2	.0	100%	64.4	33.3	1.7	.6	NE /29%
臺東(X)	100%	.55	.9/ 8.4/ENE	7.5	15.2	31.1	68.9	.0	.0	15.1	57.5	14.0	13.3	100%	30.7	16.9	52.2	.1	S /33%
屏東(Z)	100%	.73	1.6/ 9.5/S	5.3	9.5	16.7	83.1	.3	.0	81.7	16.7	1.7	.0	100%	3.1	94.7	2.2	.0	SE /64%
高雄(Z)	100%	.52	1.9/ 4.7/NW	4.2	5.6	60.0	39.0	1.0	.0	100.0	.0	.0	.0	100%	.4	8.5	41.5	49.6	NW /22%
嘉南(A)	100%	.36	1.3/11.0/NNW	5.8	13.7	81.9	18.1	.0	.0	49.6	37.2	9.4	3.8	100%	1.0	.8	29.6	68.6	WNW/43%
中雲(Y)	100%	1.62	8.3/ 6.2/NNE	4.8	6.2	1.7	60.6	24.9	12.9	99.6	.4	.0	.0	100%	91.4	.0	4.3	4.3	NNE/62%
澎湖(X)	100%	.45	1.7/ 9.5/ESE	6.2	11.4	73.9	25.3	.8	.0	55.1	27.6	15.3	1.9	100%	.1	67.6	32.2	.0	S /33%
金門(X)	100%	.68	2.2/ 7.6/ESE	6.3	12.6	31.7	65.8	2.5	.0	34.9	56.5	7.2	1.4	100%	.0	97.8	2.2	.0	ESE/42%
馬祖(X)	100%	.39	1.5/ 7.8/NE	7.9	12.9	80.8	19.0	.1	.0	21.4	32.8	26.5	19.3	100%	99.6	.1	.3	.0	NE /69%

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表5.6a 2018年5月12個海域主要測站2修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集率	H_s 平均 (m)	H_s 最大 (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
北苗(Y)	96%	.59	1.8/ 5.3/N	4.0	6.2	48.7	47.5	3.8	.0	99.7	.3	.0	.0	96%	40.7	.0	14.4	44.9	N /31%
北端(Y)	99%	.70	2.6/ 6.8/NE	5.9	10.1	46.0	45.6	8.4	.0	56.6	40.3	3.0	.1	99%	57.1	41.4	1.2	.3	ENE/30%
宜蘭(Y)	100%	.66	1.8/ 6.0/ENE	5.5	9.5	33.6	65.5	.9	.0	67.2	29.8	3.0	.0	100%	33.7	66.3	.0	.0	ESE/28%
花蓮(Y)	100%	.63	2.0/ 5.1/NE	6.0	10.1	43.9	54.3	1.8	.0	50.7	44.6	4.6	.1	100%	58.8	30.7	7.7	2.8	NE /24%
臺東(X)	54%	.35	1.5/ 4.7/SSW	5.5	31.7	82.9	16.8	.2	.0	64.4	8.7	24.0	3.0	54%	.7	2.2	92.3	4.7	SSW/40%
屏東(Z)	100%	.40	1.1/ 4.0/WSW	4.9	7.1	73.1	26.9	.0	.0	93.3	6.7	.0	.0	100%	4.0	80.0	14.0	1.9	SE /51%
高雄(Z)	97%	.37	.9/ 3.9/SSW	4.0	5.6	79.6	20.4	.0	.0	100.0	.0	.0	.0	97%	.4	6.0	60.8	32.8	s /25%
嘉南(A)	90%	.28	1.2/28.0/WNW	5.1	34.3	89.6	10.4	.0	.0	64.5	18.6	13.7	3.1	90%	3.4	4.0	39.2	53.4	WNW/31%
中雲(Y)	0																		
澎湖(X)	92%	.41	1.4/ 8.7/SE	5.9	35.5	67.8	32.2	.0	.0	65.1	17.2	16.3	1.5	92%	1.0	71.3	27.4	.3	s /30%
金門(X)	92%	.68	1.6/ 7.0/E	5.0	10.5	27.0	72.2	.7	.0	67.5	25.8	5.6	1.0	92%	.6	68.1	30.0	1.3	ESE/24%
馬祖(X)	98%	.36	2.7/37.2/ENE	8.1	37.2	79.4	20.5	.1	.0	17.9	18.0	45.3	18.8	98%	99.2	.1	.0	.7	NE /54%

表5.6b 2018年5月12個海域主要測站2修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	
北苗(Y)	100%	.58	1.8/ 5.3/N	4.0	6.2	49.2	47.2	3.6	.0	99.7	.3	.0	.0	100%	39.2	.0	16.4	44.4	N /30%
北端(Y)	100%	.70	2.6/ 6.8/NE	5.9	10.1	46.2	45.4	8.3	.0	56.2	40.2	3.4	.3	100%	57.0	41.5	1.2	.3	ENE/30%
宜蘭(Y)	100%	.66	1.8/ 6.0/ENE	5.5	9.5	33.6	65.5	.9	.0	67.2	29.8	3.0	.0	100%	33.7	66.3	.0	.0	ESE/28%
花蓮(Y)	100%	.63	2.0/ 5.1/NE	6.0	10.1	44.0	54.3	1.7	.0	50.5	44.8	4.6	.1	100%	58.9	30.6	7.7	2.8	NE /24%
臺東(X)	100%	.46	1.5/ 4.7/SSW	5.9	31.7	50.7	49.2	.1	.0	57.1	28.2	13.0	1.6	100%	.4	1.2	80.0	18.4	SSW/40%
屏東(Z)	100%	.40	1.1/ 4.0/WSW	4.9	7.1	72.8	27.2	.0	.0	93.3	6.7	.0	.0	100%	4.0	80.1	14.0	1.9	SE /51%
高雄(Z)	100%	.37	.9/ 3.9/SSW	4.0	5.6	78.9	21.1	.0	.0	100.0	.0	.0	.0	100%	.4	5.8	61.7	32.1	S /25%
嘉南(A)	100%	.27	1.2/28.0/WNW	5.1	34.3	90.6	9.4	.0	.0	67.6	17.2	12.4	2.8	100%	3.1	3.6	39.5	53.8	W /31%
中雲(Y)	100%	.83	2.4/ 4.5/N	3.9	4.5	22.4	67.3	10.2	.0	100.0	.0	.0	.0	100%	15.1	.0	14.9	70.0	N /45%
澎湖(X)	100%	.39	1.4/ 8.7/SE	5.9	35.5	70.3	29.7	.0	.0	67.5	16.1	15.1	1.3	100%	2.2	72.3	25.3	.3	S /28%
金門(X)	100%	.67	1.6/ 7.0/E	4.9	10.5	30.1	69.2	.7	.0	69.8	24.2	5.1	.9	100%	.7	70.0	28.1	1.2	ESE/23%
馬祖(X)	100%	.36	2.7/37.2/ENE	8.1	37.2	79.6	20.3	.1	.0	19.4	18.0	44.2	18.4	100%	99.2	.1	.0	.7	NE /54%

5-12

表5.7a 2018年6月12個海域主要測站2修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集率	H_s 平均 (m)	H_s 最大 (波高/週期/波向) (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
北苗(Y)	100%	.73	2.2/ 6.1/NNE	4.4	6.7	35.5	61.0	3.5	.0	98.7	1.3	.0	.0	100%	46.2	.0	9.5	44.3	N /31%
北端(Y)	99%	.83	3.0/ 6.8/NE	5.5	7.8	38.1	49.2	12.6	.0	71.2	28.8	.0	.0	99%	38.4	61.4	.0	.1	ENE/29%
宜蘭(Y)	100%	.82	2.8/ 6.9/NE	5.6	8.3	30.6	60.2	9.2	.0	64.8	34.4	.8	.0	100%	33.4	66.6	.0	.0	ESE/23%
花蓮(Y)	100%	.73	2.1/ 7.0/NE	5.6	8.4	36.3	57.9	5.8	.0	66.4	33.3	.3	.0	100%	57.8	39.0	2.9	.3	ENE/24%
臺東(X)	100%	.74	3.3/10.1/S	6.8	10.4	48.8	39.4	11.5	.3	33.2	24.4	41.3	1.1	100%	.0	.6	91.0	8.5	SSW/43%
屏東(Z)	100%	1.18	5.4/ 8.5/SSW	6.0	8.5	29.2	41.2	25.2	4.3	51.7	46.8	1.5	.0	100%	.3	24.1	74.9	.7	SSW/39%
高雄(Z)	98%	1.13	4.1/ 7.1/SW	5.6	7.6	17.5	53.9	26.9	1.7	60.3	39.7	.0	.0	98%	.0	.1	88.5	11.3	SW /48%
嘉南(A)	94%	.60	2.0/ 9.4/WSW	7.6	9.9	40.6	58.1	1.3	.0	8.6	45.0	46.5	.0	94%	.0	.0	69.6	30.4	W /53%
中雲(Y)	0																		
澎湖(X)	97%	.88	3.3/ 8.4/s	7.2	37.3	21.7	68.3	9.5	.6	20.9	45.2	33.1	.7	97%	.0	85.9	13.9	.1	s /48%
金門(X)	31%	.80	1.4/ 3.9/s	5.6	8.7	2.7	97.3	.0	.0	43.9	51.1	4.9	.0	31%	.0	83.4	16.6	.0	SSE/50%
馬祖(X)	100%	.40	1.3/ 7.8/NE	6.1	11.3	73.6	26.4	.0	.0	46.3	26.7	23.9	3.1	100%	98.9	.0	.0	1.1	NE /47%

表5.7b 2018年6月12個海域主要測站2修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比)
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	來向/%
北苗(Y)	100%	.73	2.2/ 6.1/NNE	4.4	6.7	35.6	61.0	3.5	.0	98.8	1.3	.0	.0	100%	46.1	.0	9.6	44.3	N /31%
北端(Y)	100%	.83	3.0/ 6.8/NE	5.5	7.8	38.6	48.9	12.5	.0	71.5	28.5	.0	.0	100%	38.1	61.8	.0	.1	ENE/29%
宜蘭(Y)	100%	.82	2.8/ 6.9/NE	5.6	8.3	30.6	60.3	9.2	.0	64.9	34.3	.8	.0	100%	33.5	66.5	.0	.0	ESE/23%
花蓮(Y)	100%	.73	2.1/ 7.0/NE	5.6	8.4	36.3	57.9	5.8	.0	66.4	33.3	.3	.0	100%	57.8	39.0	2.9	.3	ENE/24%
臺東(X)	100%	.74	3.3/10.1/S	6.8	10.4	48.8	39.4	11.5	.3	33.2	24.4	41.3	1.1	100%	.0	.6	91.0	8.5	SSW/43%
屏東(Z)	100%	1.18	5.4/ 8.5/SSW	6.0	8.5	29.3	41.3	25.1	4.3	51.8	46.7	1.5	.0	100%	.3	24.2	74.9	.7	SSW/39%
高雄(Z)	100%	1.12	4.1/ 7.1/SW	5.5	7.6	18.5	53.5	26.4	1.7	60.8	39.2	.0	.0	100%	.0	.6	88.1	11.4	SW /47%
嘉南(A)	100%	.58	2.0/ 9.4/WSW	7.4	9.9	44.0	54.7	1.3	.0	13.8	42.5	43.8	.0	100%	.0	.0	70.8	29.2	W /52%
中雲(Y)	100%	.85	2.6/ 5.4/NNE	4.3	5.8	30.8	58.8	10.4	.0	100.0	.0	.0	.0	100%	32.4	.0	35.7	31.9	NW /23%
澎湖(X)	100%	.87	3.3/ 8.4/S	7.2	37.3	21.7	68.6	9.2	.6	21.5	45.1	32.6	.7	100%	.0	85.4	14.3	.3	S /48%
金門(X)	100%	1.16	4.1/ 8.1/SSE	6.8	9.0	.8	77.6	20.3	1.3	18.2	59.4	22.4	.0	100%	.0	94.6	5.4	.0	SSE/30%
馬祖(X)	100%	.40	1.3/ 7.8/NE	6.2	11.3	73.6	26.4	.0	.0	46.3	26.7	24.0	3.1	100%	98.8	.0	.0	1.3	NE /47%

表5.8a 2018年7月12個海域主要測站2修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比)
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	來向/%
北苗(Y)	99%	.62	2.6/ 5.8/N	4.5	7.2	39.2	58.2	2.6	.0	96.5	3.5	.0	.0	99%	33.2	.1	17.8	48.8	W /27%
北端(Y)	99%	.84	7.9/12.4/E	6.1	12.4	25.1	67.7	5.6	1.6	51.6	43.7	3.8	.9	99%	25.1	73.9	.4	.5	E /34%
宜蘭(Y)	100%	.88	5.6/11.8/E	6.2	11.8	22.6	68.8	7.3	1.3	43.4	52.2	3.4	1.1	100%	26.5	73.4	.0	.1	ESE/38%
花蓮(Y)	100%	.75	2.5/ 6.4/NNW	6.4	10.5	25.0	71.2	3.8	.0	30.7	65.3	3.8	.3	100%	65.3	31.4	2.3	1.1	ENE/27%
臺東(X)	98%	.68	8.5/ 6.7/NNW	7.5	38.2	41.4	47.8	10.1	.7	32.1	22.7	38.9	6.3	98%	1.8	3.7	90.6	4.0	SW /49%
屏東(Z)	100%	1.18	3.5/15.7/SSE	6.2	16.1	3.0	76.6	19.8	.7	46.4	48.9	2.8	1.9	100%	.1	20.6	78.2	1.1	SSW/38%
高雄(Z)	99%	1.03	2.0/ 5.8/SW	5.6	7.2	3.7	84.1	12.2	.0	66.1	33.9	.0	.0	99%	.1	.0	97.3	2.6	SW /41%
嘉南(A)	97%	.64	1.9/ 3.1/WSW	7.8	10.1	17.7	82.2	.1	.0	8.8	34.2	56.8	.1	97%	.0	.0	85.8	14.2	W /69%
中雲(Y)	0																		
澎湖(X)	94%	.73	1.9/ 4.8/S	7.8	39.2	16.6	83.0	.4	.0	22.2	35.5	35.1	7.3	94%	2.7	77.3	17.9	2.1	S /59%
金門(X)	100%	1.00	2.2/ 5.8/S	6.9	9.6	1.5	94.3	4.2	.0	22.3	52.1	25.6	.0	100%	.0	84.3	15.7	.0	SSE/41%
馬祖(X)	94%	.40	3.6/14.4/NE	8.4	16.1	70.8	27.8	1.0	.4	18.8	21.5	31.2	28.5	94%	99.4	.4	.1	.0	NE /64%

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表5.8b 2018年7月12個海域主要測站2修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	
北苗(Y)	100%	.62	2.6/ 5.8/N	4.5	7.2	39.1	58.3	2.6	.0	96.5	3.5	.0	.0	100%	32.8	.1	18.4	48.7	W /27%
北端(Y)	100%	.84	7.9/12.4/E	6.1	12.4	25.1	67.7	5.5	1.6	51.6	43.7	3.8	.9	100%	24.9	74.2	.4	.5	E /34%
宜蘭(Y)	100%	.88	5.6/11.8/E	6.2	11.8	22.6	68.8	7.3	1.3	43.4	52.2	3.4	1.1	100%	26.5	73.4	.0	.1	ESE/38%
花蓮(Y)	100%	.75	2.5/ 6.4/NNW	6.4	10.5	25.0	71.1	3.9	.0	30.8	65.2	3.8	.3	100%	65.2	31.5	2.3	1.1	ENE/27%
臺東(X)	100%	.68	8.5/ 6.7/NNW	7.5	38.2	40.7	48.7	9.9	.7	31.6	23.1	39.1	6.2	100%	1.7	4.2	90.2	3.9	SW /49%
屏東(Z)	100%	1.18	3.5/15.7/SSE	6.2	16.1	3.0	76.6	19.8	.7	46.4	48.9	2.8	1.9	100%	.1	20.6	78.2	1.1	SSW/38%
高雄(Z)	100%	1.04	2.0/ 5.8/SW	5.6	7.2	3.6	84.0	12.4	.0	66.3	33.7	.0	.0	100%	.1	.0	97.3	2.6	SW /41%
嘉南(A)	100%	.64	1.9/ 3.1/WSW	7.8	10.1	19.6	80.2	.1	.0	8.6	34.9	56.3	.1	100%	.0	.0	86.2	13.8	W /68%
中雲(Y)	100%	.64	2.0/ 4.9/NNE	4.3	5.8	41.3	54.8	3.9	.0	100.0	.0	.0	.0	100%	37.8	.0	50.1	12.1	WSW/33%
澎湖(X)	100%	.73	1.9/ 4.8/S	7.8	39.2	17.3	82.3	.4	.0	21.9	36.7	34.5	6.9	100%	2.7	73.3	22.0	2.0	S /59%
金門(X)	100%	1.00	2.2/ 5.8/S	6.9	9.6	1.5	94.4	4.2	.0	22.2	52.3	25.5	.0	100%	.0	84.4	15.6	.0	SSE/41%
馬祖(X)	100%	.42	3.6/14.4/NE	8.6	16.1	67.7	30.2	1.6	.4	17.7	20.3	30.1	31.9	100%	94.2	.4	5.1	.3	NE /60%

5-16

表5.9a 2018年8月12個海域主要測站2修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集率	H_s 平均 (m)	H_s 最大 (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
北苗(Y)	100%	.60	1.5/ 4.9/N	4.7	6.5	35.5	64.5	.0	.0	96.6	3.4	.0	.0	100%	26.5	.0	23.1	50.4	W /27%
北端(Y)	100%	.75	3.1/ 8.7/NNE	6.0	10.8	33.9	60.7	5.1	.3	54.1	39.6	5.3	1.1	100%	33.6	65.4	.7	.3	E /34%
宜蘭(Y)	55%	.74	2.5/ 8.7/NE	5.6	9.1	41.7	49.3	9.0	.0	67.0	32.0	1.0	.0	55%	32.0	67.7	.0	.2	ESE/33%
花蓮(Y)	99%	.60	1.8/ 7.7/E	6.1	9.3	38.6	60.6	.8	.0	46.3	48.0	5.7	.0	99%	67.9	27.5	2.4	2.2	ENE/24%
臺東(X)	100%	.90	3.2/ 6.0/S	7.5	10.8	27.9	58.4	13.5	.3	22.9	24.4	48.3	4.4	100%	.0	.1	99.7	.1	SSW/51%
屏東(Z)	100%	1.70	5.2/ 7.5/SSW	6.4	8.7	3.0	42.5	47.4	7.1	21.8	76.0	2.2	.0	100%	.0	2.8	96.5	.7	SSW/56%
高雄(Z)	99%	1.55	4.3/ 6.9/SSW	6.2	8.2	.8	46.1	51.6	1.5	32.9	66.1	.9	.0	99%	.0	.0	97.7	2.3	SW /53%
嘉南(A)	100%	.82	3.8/ 3.3/W	8.1	10.6	15.6	80.9	3.2	.3	12.9	15.3	66.3	5.5	100%	.0	.0	95.4	4.6	W /53%
中雲(Y)	0																		
澎湖(X)	2%	.00	.0/ 2.7/N	13.1	34.0	100.0	.0	.0	.0	42.9	7.1	.0	50.0	2%	21.4	14.3	50.0	14.3	S /50%
金門(X)	100%	1.09	2.5/ 8.1/SSE	7.7	10.4	1.7	82.9	15.3	.0	16.0	37.9	44.4	1.7	100%	.0	94.9	5.1	.0	SSE/68%
馬祖(X)	100%	.38	1.4/14.9/NE	8.6	16.9	74.6	25.4	.0	.0	14.5	30.1	29.5	25.8	100%	100.0	.0	.0	.0	NE /61%

5-17

表5.9b 2018年8月12個海域主要測站2修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	
北苗(Y)	100%	.60	1.5/ 4.9/N	4.7	6.8	35.5	64.5	.0	.0	96.5	3.5	.0	.0	100%	26.3	.0	23.4	50.3	W /27%
北端(Y)	100%	.75	3.1/ 8.7/NNE	6.0	10.8	33.7	60.9	5.1	.3	54.2	39.5	5.2	1.1	100%	33.6	65.5	.7	.3	E /34%
宜蘭(Y)	100%	.77	2.5/ 8.7/NE	6.0	9.1	24.7	69.5	5.8	.0	37.5	62.0	.5	.0	100%	37.1	62.8	.0	.1	ESE/30%
花蓮(Y)	100%	.60	1.8/ 7.7/E	6.1	9.3	38.7	60.5	.8	.0	46.1	48.3	5.6	.0	100%	68.0	27.4	2.4	2.2	ENE/24%
臺東(X)	100%	.90	3.2/ 6.0/S	7.5	10.8	27.8	58.5	13.4	.3	22.8	24.5	48.3	4.4	100%	.0	.1	99.7	.1	SSW/51%
屏東(Z)	100%	1.70	5.2/ 7.5/SSW	6.4	8.7	3.0	42.6	47.3	7.1	21.8	76.1	2.2	.0	100%	.0	3.0	96.4	.7	SSW/56%
高雄(Z)	100%	1.55	4.3/ 6.9/SSW	6.2	8.2	.8	46.2	51.5	1.5	33.2	65.9	.9	.0	100%	.0	.0	97.7	2.3	SW /53%
嘉南(A)	100%	.82	3.8/ 3.3/W	8.1	10.6	15.6	80.9	3.2	.3	12.9	15.3	66.3	5.5	100%	.0	.0	95.4	4.6	W /53%
中雲(Y)	100%	.58	14.1/ 4.2/SW	4.7	23.4	31.9	39.2	.9	3.9	95.7	.7	.9	2.7	100%	21.0	10.2	58.3	10.5	SW /20%
澎湖(X)	100%	.97	2.8/ 8.1/S	8.1	34.0	17.3	67.6	15.1	.0	5.6	35.9	54.4	4.0	100%	.4	58.7	40.6	.3	S /61%
金門(X)	100%	1.09	2.5/ 8.1/SSE	7.7	10.4	1.7	82.9	15.3	.0	16.0	37.9	44.4	1.7	100%	.0	94.9	5.1	.0	SSE/68%
馬祖(X)	100%	.38	1.4/14.9/NE	8.6	16.9	74.6	25.4	.0	.0	14.5	30.1	29.6	25.8	100%	100.0	.0	.0	.0	NE /60%

5-18

表5.10a 2018年9月12個海域主要測站2修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比)
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	來向/%
北苗(Y)	100%	.99	2.7/ 6.4/N	4.9	7.4	34.2	39.6	26.3	.0	91.1	8.9	.0	.0	100%	56.8	.0	15.4	27.8	N /41%
北端(Y)	99%	1.42	5.3/10.5/ENE	6.6	10.7	31.9	32.5	20.4	15.1	41.7	40.2	15.7	2.4	99%	52.9	46.4	.6	.1	ENE/30%
宜蘭(Y)	99%	1.42	5.2/11.3/NE	6.9	11.7	25.3	38.7	23.4	12.6	37.2	37.2	20.6	5.0	99%	43.8	56.2	.0	.0	E /28%
花蓮(Y)	100%	1.28	4.9/10.4/ENE	6.8	11.4	25.4	42.4	23.5	8.8	32.2	48.1	16.9	2.8	100%	72.9	25.4	.7	1.0	ENE/26%
臺東(X)	66%	.59	3.4/12.1/N	9.0	16.1	66.7	24.2	8.9	.2	20.6	32.0	16.7	30.7	66%	.4	3.8	86.4	9.3	SW /32%
屏東(Z)	100%	1.09	7.2/13.0/SE	7.0	14.8	30.2	52.4	8.9	8.5	43.9	30.2	12.8	13.1	100%	.0	53.8	45.2	1.0	SE /28%
高雄(Z)	99%	.89	4.7/ 8.7/SSW	5.1	9.6	21.4	69.3	6.6	2.7	82.1	14.2	3.7	.0	99%	.6	.4	53.7	45.3	SW /25%
嘉南(A)	99%	.71	2.8/11.8/WSW	7.5	17.1	38.7	58.1	3.2	.0	20.8	31.4	40.6	7.2	99%	.3	.0	40.5	59.2	W /37%
中雲(Y)	0																		
澎湖(X)	100%	.76	7.2/11.3/SSE	7.7	16.6	43.9	47.6	6.7	1.8	19.9	39.7	30.6	9.9	100%	.0	68.2	31.7	.1	S /38%
金門(X)	60%	1.07	3.0/11.2/SSE	6.9	12.8	5.5	74.0	20.5	.0	24.9	51.6	18.9	4.6	60%	.0	85.9	14.1	.0	ESE/29%
馬祖(X)	97%	.66	1.7/12.1/NE	8.6	15.8	42.5	56.6	.9	.0	22.7	19.7	23.1	34.5	97%	99.9	.1	.0	.0	NE /74%

5-19

表5.10b 2018年9月12個海域主要測站2修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
北苗(Y)	100%	.99	2.7/ 6.4/N	4.9	7.4	34.2	39.6	26.3	.0	91.1	8.9	.0	.0	100%	56.8	.0	15.4	27.8	N /41%
北端(Y)	100%	1.41	5.3/10.5/ENE	6.6	10.7	31.9	32.8	20.3	15.0	41.8	40.3	15.6	2.4	100%	52.9	46.4	.6	.1	ENE/31%
宜蘭(Y)	100%	1.42	5.2/11.3/NE	6.9	11.7	25.1	38.8	23.5	12.6	37.1	37.5	20.4	5.0	100%	43.9	56.0	.1	.0	E /28%
花蓮(Y)	100%	1.28	4.9/10.4/ENE	6.8	11.4	25.4	42.4	23.5	8.8	32.2	48.1	16.9	2.8	100%	72.9	25.4	.7	1.0	ENE/26%
臺東(X)	100%	.74	3.4/12.1/N	9.2	16.1	52.8	33.9	13.2	.1	13.9	32.8	16.5	36.8	100%	.3	18.5	75.0	6.3	SSW/29%
屏東(Z)	100%	1.09	7.2/13.0/SE	7.0	14.8	30.1	52.5	8.9	8.5	44.0	30.1	12.8	13.1	100%	.0	53.9	45.1	1.0	SE /28%
高雄(Z)	100%	.89	4.7/ 8.7/SSW	5.1	9.6	21.3	69.6	6.5	2.6	81.9	14.4	3.6	.0	100%	.6	.4	54.0	45.0	SW /25%
嘉南(A)	100%	.70	2.8/11.8/WSW	7.5	17.1	39.3	57.5	3.2	.0	20.7	32.1	40.1	7.1	100%	1.4	.0	40.0	58.6	W /36%
中雲(Y)	100%	1.60	7.1/ 4.1/WSW	5.0	8.2	24.2	25.7	41.1	9.0	93.8	6.1	.1	.0	100%	63.9	.0	31.8	4.3	NNE/48%
澎湖(X)	100%	.76	7.2/11.3/SSE	7.7	16.6	43.9	47.6	6.7	1.8	19.9	39.7	30.6	9.9	100%	.0	68.2	31.7	.1	S /38%
金門(X)	100%	1.08	3.0/11.2/SSE	7.2	14.6	10.6	67.6	21.8	.0	22.8	44.0	25.7	7.5	100%	.0	90.8	9.2	.0	ESE/40%
馬祖(X)	100%	.66	1.7/12.1/NE	8.6	15.8	42.5	56.7	.8	.0	22.1	21.0	22.8	34.2	100%	98.9	.4	.6	.1	NE /73%

5-20

表5.11a 2018年10月12個海域主要測站2修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集率	H_s 平均 (m)	H_s 最大 (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
北苗(Y)	99%	1.28	2.6/ 6.4/N	4.9	7.4	2.4	67.1	30.4	.0	94.2	5.8	.0	.0	99%	95.1	.0	.0	4.9	N /63%
北端(Y)	99%	1.62	4.0/ 7.9/ENE	6.1	10.8	.5	46.5	47.4	5.5	57.8	33.7	8.1	.4	99%	79.2	20.8	.0	.0	ENE/52%
宜蘭(Y)	99%	1.45	3.6/ 9.2/ENE	6.4	10.3	.3	58.2	39.9	1.6	45.5	41.1	12.7	.7	99%	86.6	13.1	.1	.1	ENE/42%
花蓮(Y)	100%	1.41	3.6/ 7.7/ENE	6.1	11.3	.5	59.4	38.3	1.8	51.8	40.4	6.5	1.3	100%	95.1	4.4	.0	.4	NNE/42%
臺東(X)	100%	.41	1.1/15.0/SSW	7.0	16.2	75.9	24.1	.0	.0	58.6	20.3	3.6	17.4	100%	.0	.4	37.6	62.0	NW /30%
屏東(Z)	100%	.71	3.7/ 9.8/SSE	5.6	13.5	39.6	52.4	7.7	.4	79.5	10.5	4.8	5.1	100%	11.2	78.5	8.7	1.6	SE /54%
高雄(Z)	98%	.71	2.1/ 5.1/NNW	4.5	6.1	17.5	81.4	1.1	.0	99.9	.1	.0	.0	98%	.3	.4	4.1	95.2	NW /52%
嘉南(A)	48%	.36	1.2/ 3.8/NNW	7.9	39.6	56.1	43.9	.0	.0	39.7	12.3	20.7	27.4	48%	11.7	10.1	14.8	63.4	WNW/28%
中雲(Y)	0																		
澎湖(X)	87%	.66	1.8/ 4.8/ESE	7.8	12.7	29.5	69.0	1.5	.0	14.0	42.0	36.3	7.7	87%	.2	98.5	1.4	.0	SE /46%
金門(X)	0																		
馬祖(X)	99%	.70	1.6/11.6/NE	7.4	15.6	27.8	72.1	.1	.0	26.1	43.8	12.9	17.1	99%	100.0	.0	.0	.0	NE /85%

5-21

表5.11b 2018年10月12個海域主要測站2修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	
北苗(Y)	100%	1.28	2.6/ 6.4/N	4.9	7.4	2.4	67.3	30.2	.0	94.2	5.8	.0	.0	100%	95.2	.0	.0	4.8	N /63%
北端(Y)	100%	1.61	4.0/ 7.9/ENE	6.1	10.8	.5	46.8	47.2	5.5	57.8	33.7	8.1	.4	100%	79.2	20.8	.0	.0	ENE/52%
宜蘭(Y)	100%	1.44	3.6/ 9.2/ENE	6.3	10.3	.3	58.5	39.7	1.6	45.6	41.1	12.6	.7	100%	86.7	13.0	.1	.1	ENE/43%
花蓮(Y)	100%	1.41	3.6/ 7.7/ENE	6.1	11.3	.5	59.5	38.2	1.7	51.9	40.3	6.5	1.3	100%	95.2	4.4	.0	.4	NNE/42%
臺東(X)	100%	.41	1.1/15.0/SSW	7.0	16.2	76.1	23.9	.0	.0	58.7	20.3	3.6	17.3	100%	.1	.4	37.8	61.7	NW /30%
屏東(Z)	100%	.71	3.7/ 9.8/SSE	5.6	13.5	39.5	52.4	7.7	.4	79.6	10.5	4.8	5.1	100%	11.2	78.5	8.7	1.6	SE /54%
高雄(Z)	100%	.71	2.1/ 5.1/NNW	4.5	6.8	17.2	81.7	1.1	.0	99.2	.8	.0	.0	100%	.3	2.3	4.0	93.4	NW /51%
嘉南(A)	100%	.41	1.2/ 3.8/NNW	7.6	39.6	63.0	37.0	.0	.0	33.6	26.7	23.7	16.0	100%	5.8	9.0	12.0	73.3	WNW/45%
中雲(Y)	100%	2.72	5.5/ 6.6/NNE	5.9	8.7	1.2	10.9	46.5	41.4	53.0	44.0	3.1	.0	100%	100.0	.0	.0	.0	NNE/61%
澎湖(X)	100%	.65	1.8/ 4.8/ESE	7.5	12.7	31.0	67.6	1.3	.0	17.1	44.6	31.6	6.7	100%	.1	90.1	1.3	8.5	SE /43%
金門(X)	100%	1.06	2.4/11.1/ESE	7.1	12.5	2.7	87.1	10.2	.0	2.8	88.3	7.1	1.7	100%	.1	99.5	.3	.1	ESE/84%
馬祖(X)	100%	.70	1.6/11.6/NE	7.4	15.6	27.8	72.0	.1	.0	25.9	43.8	13.2	17.1	100%	100.0	.0	.0	.0	NE /85%

5-22

表5.12a 2018年11月12個海域主要測站2修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比)
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	來向/%
北苗(Y)	99%	1.18	3.0/ 6.0/NNE	5.0	6.6	4.8	73.4	21.7	.1	98.3	1.7	.0	.0	99%	81.0	.0	.0	19.0	N /60%
北端(Y)	99%	1.33	3.3/ 6.9/ENE	5.9	7.4	2.0	66.6	30.7	.7	57.8	42.2	.0	.0	99%	69.0	31.0	.0	.0	ENE/49%
宜蘭(Y)	99%	1.26	3.4/ 7.4/ENE	6.1	8.6	1.1	74.9	23.7	.3	43.1	56.5	.4	.0	99%	79.0	21.0	.0	.0	ENE/41%
花蓮(Y)	100%	1.17	3.0/ 6.4/NNE	6.1	8.4	.8	80.2	18.8	.1	43.9	55.2	.8	.0	100%	89.4	9.3	1.1	.1	NNE/35%
臺東(X)	75%	.42	.8/ 4.7/NW	6.5	11.6	79.2	20.8	.0	.0	33.8	51.0	14.5	.7	75%	.2	7.8	71.4	20.6	SSW/28%
屏東(Z)	100%	.66	2.0/ 7.0/SE	5.6	9.0	34.4	64.2	1.4	.0	72.5	26.4	1.1	.0	100%	4.7	84.2	9.9	1.1	SE /53%
高雄(Z)	99%	.71	1.6/ 6.2/SW	4.5	6.2	11.3	88.2	.4	.0	99.3	.7	.0	.0	99%	2.0	.6	21.1	76.3	WNW/29%
嘉南(A)	100%	.59	1.4/ 9.9/WNW	6.9	11.0	43.7	56.3	.0	.0	24.4	42.5	31.7	1.4	100%	.0	.0	.0	100.0	WNW/53%
中雲(Y)	0																		
澎湖(X)	68%	.61	1.9/ 9.6/ESE	6.8	11.4	42.6	55.8	1.6	.0	35.6	45.2	17.5	1.6	68%	.0	92.5	7.5	.0	ESE/40%
金門(X)	0																		
馬祖(X)	99%	.65	1.5/ 8.2/NE	6.7	12.0	27.1	72.7	.1	.0	28.3	49.2	20.3	2.2	99%	100.0	.0	.0	.0	NE /85%

5-23

表5.12b 2018年11月12個海域主要測站2修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
北苗(Y)	100%	1.18	3.0/ 6.0/NNE	5.0	6.6	4.7	73.5	21.7	.1	98.3	1.7	.0	.0	100%	80.8	.0	.0	19.2	N /60%
北端(Y)	100%	1.33	3.3/ 6.9/ENE	5.9	7.4	1.9	66.7	30.7	.7	57.6	42.4	.0	.0	100%	69.3	30.7	.0	.0	ENE/49%
宜蘭(Y)	100%	1.26	3.4/ 7.4/ENE	6.1	8.6	1.1	75.1	23.5	.3	43.2	56.4	.4	.0	100%	79.2	20.8	.0	.0	ENE/42%
花蓮(Y)	100%	1.17	3.0/ 6.4/NNE	6.1	8.4	.8	80.3	18.8	.1	43.8	55.4	.8	.0	100%	89.4	9.3	1.1	.1	NNE/35%
臺東(X)	100%	.41	.8/ 4.7/NW	6.7	12.7	84.4	15.6	.0	.0	27.2	53.5	16.9	2.4	100%	12.9	5.8	65.8	15.4	SSW/28%
屏東(Z)	100%	.66	2.0/ 7.0/SE	5.6	9.0	34.3	64.3	1.4	.0	72.6	26.3	1.1	.0	100%	4.7	84.2	10.0	1.1	SE /53%
高雄(Z)	100%	.71	1.6/ 6.2/SW	4.5	6.2	11.3	88.3	.4	.0	99.3	.7	.0	.0	100%	1.9	.6	21.0	76.5	WNW/28%
嘉南(A)	100%	.58	1.4/ 9.9/WNW	6.9	11.0	43.9	56.1	.0	.0	24.4	42.6	31.5	1.4	100%	.4	.0	.0	99.6	WNW/53%
中雲(Y)	100%	2.27	5.7/ 6.7/NNE	5.6	7.1	2.9	23.2	52.6	21.3	71.4	28.6	.0	.0	100%	100.0	.0	.0	.0	NNE/80%
澎湖(X)	100%	.63	1.9/ 9.6/ESE	6.7	11.4	36.0	62.8	1.3	.0	33.6	52.5	12.8	1.1	100%	.0	73.6	5.7	20.7	ESE/27%
金門(X)	100%	.99	2.5/ 8.4/E	6.8	8.9	.0	93.5	6.5	.0	4.0	90.4	5.6	.0	100%	.0	98.9	1.1	.0	ESE/46%
馬祖(X)	100%	.65	1.5/ 8.2/NE	6.8	12.0	27.1	72.8	.1	.0	28.1	49.4	20.3	2.2	100%	100.0	.0	.0	.0	NE /85%

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表 5.13a 2018 年冬季 12 個海域主要測站 2 修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比)
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	來向/%
北苗(Y)	99%	1.62	4.5/ 7.2/NNW	5.2	7.7	4.7	40.8	51.5	3.0	89.5	10.5	.0	.0	99%	78.5	.0	.2	21.3	N /71%
北端(Y)	57%	1.78	5.2/ 8.2/NE	6.1	8.5	.5	40.2	52.8	6.5	41.5	57.6	.9	.0	57%	81.7	18.1	.2	.0	ENE/44%
宜蘭(Y)	100%	1.54	3.7/ 7.4/ENE	6.3	8.8	.0	54.7	44.4	1.0	31.3	67.9	.8	.0	100%	69.7	30.3	.0	.0	NE /35%
花蓮(Y)	100%	1.54	4.8/ 8.2/NE	6.1	8.2	.0	54.9	43.1	2.0	38.5	61.4	.1	.0	100%	87.4	12.4	.2	.0	NE /50%
臺東(X)	100%	.47	1.3/ 3.8/SW	6.6	10.9	63.2	36.8	.0	.0	39.6	38.9	19.4	2.1	100%	.0	.2	48.0	51.9	WNW/25%
屏東(Z)	100%	.88	2.3/ 5.3/ENE	5.5	8.8	7.7	89.0	3.3	.0	61.7	37.6	.7	.0	100%	9.3	85.4	5.0	.2	SE /46%
高雄(Z)	96%	.81	1.6/ 4.6/NNW	4.6	6.4	3.2	96.7	.1	.0	99.7	.3	.0	.0	96%	.1	2.5	17.2	80.2	NW /44%
嘉南(A)	99%	.67	1.5/10.3/WNW	7.9	11.9	29.9	70.1	.0	.0	9.7	32.7	52.1	5.4	99%	.0	.0	2.1	97.9	WNW/66%
中雲(Y)	0																		
澎湖(X)	100%	.74	1.9/ 9.2/ESE	8.3	11.3	15.8	82.0	2.1	.0	4.0	29.0	61.0	6.0	100%	.0	97.0	2.9	.0	SE /45%
金門(X)	50%	1.12	2.1/ 9.1/ESE	7.1	10.7	3.5	80.9	15.6	.0	6.9	80.3	12.4	.4	50%	.0	99.9	.0	.1	ESE/81%
馬祖(X)	100%	.67	1.8/ 7.8/NE	7.2	10.2	27.1	72.7	.2	.0	15.6	52.0	32.2	.1	100%	63.6	.0	36.4	.0	NE /34%

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表5.13b 2018年冬季12個海域主要測站2修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比)
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	來向/%
北苗(Y)	100%	1.62	4.5/ 7.2/NNW	5.2	7.7	4.9	41.0	51.1	3.0	89.5	10.5	.0	.0	100%	77.8	.0	.2	22.0	N /70%
北端(Y)	100%	1.70	5.2/ 8.2/NE	6.1	8.5	.3	44.4	50.9	4.5	40.3	59.2	.5	.0	100%	56.8	43.1	.1	.0	E /35%
宜蘭(Y)	100%	1.54	3.7/ 7.4/ENE	6.3	8.8	.0	54.7	44.4	1.0	31.3	67.9	.8	.0	100%	69.7	30.3	.0	.0	NE /35%
花蓮(Y)	100%	1.54	4.8/ 8.2/NE	6.1	8.2	.0	54.8	43.1	2.0	38.4	61.4	.1	.0	100%	87.5	12.3	.2	.0	NE /50%
臺東(X)	100%	.47	1.3/ 3.8/SW	6.6	10.9	63.2	36.8	.0	.0	39.6	38.9	19.4	2.1	100%	.0	.2	48.0	51.9	WNW/25%
屏東(Z)	100%	.89	2.3/ 5.3/ENE	5.5	8.8	7.7	89.0	3.3	.0	61.7	37.6	.6	.0	100%	9.3	85.4	5.0	.2	SE /46%
高雄(Z)	100%	.81	1.6/ 4.6/NNW	4.6	6.4	3.1	96.8	.1	.0	99.7	.3	.0	.0	100%	.1	2.4	16.7	80.8	NW /44%
嘉南(A)	100%	.67	1.5/10.3/WNW	7.9	11.9	30.2	69.8	.0	.0	9.7	33.1	51.8	5.4	100%	.6	.0	2.1	97.3	WNW/65%
中雲(Y)	100%	3.72	14.1/ 9.1/NNE	5.9	9.9	2.4	8.7	32.9	56.1	52.9	46.1	1.0	.0	100%	86.2	.0	13.2	.6	NNE/61%
澎湖(X)	100%	.74	1.9/ 9.2/ESE	8.3	11.3	15.8	82.0	2.1	.0	4.0	29.0	61.0	6.0	100%	.0	97.0	2.9	.0	SE /45%
金門(X)	100%	1.16	2.6/ 8.4/ESE	7.2	10.7	1.8	81.0	17.2	.0	3.6	87.8	8.4	.2	100%	1.9	98.0	.0	.0	ESE/72%
馬祖(X)	100%	.67	1.8/ 7.8/NE	7.2	10.2	27.0	72.7	.2	.0	15.6	51.9	32.4	.1	100%	63.7	.0	36.3	.0	NE /34%

表 5.14a 2018年春季12個海域主要測站2修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集 率	H_s 平均 (m)	H_s 最大 (波高/週期/波向) (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集 率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
北苗(Y)	98%	.74	3.3/ 7.2/NNW	4.4	7.2	42.5	48.0	9.4	.1	98.5	1.5	.0	.0	98%	65.5	.0	6.4	28.1	N /50%
北端(Y)	96%	.92	4.0/ 7.9/NE	6.0	10.1	20.9	64.4	13.4	1.2	54.1	43.9	2.0	.0	96%	67.3	30.2	2.2	.3	ENE/31%
宜蘭(Y)	100%	.90	2.9/ 7.1/ENE	5.8	9.5	13.7	75.5	10.8	.0	60.2	37.8	2.0	.0	100%	35.6	64.4	.0	.0	ESE/29%
花蓮(Y)	100%	.87	3.8/ 7.0/NE	6.0	10.1	17.2	73.2	9.2	.4	48.5	49.0	2.5	.0	100%	65.3	30.1	3.4	1.2	NE /28%
臺東(X)	28%	.41	1.5/ 4.7/SSW	5.6	31.7	76.5	23.3	.2	.0	60.1	19.6	17.6	2.7	28%	.5	2.2	85.0	12.3	SSW/33%
屏東(Z)	100%	.60	1.8/ 6.3/SE	5.3	9.5	37.8	61.9	.3	.0	81.6	17.8	.7	.0	100%	3.2	89.6	6.4	.8	SE /61%
高雄(Z)	94%	.53	1.9/ 4.7/NW	4.3	6.1	53.7	45.9	.4	.0	99.9	.1	.0	.0	94%	.4	5.5	48.4	45.7	s /23%
嘉南(A)	95%	.36	1.3/11.0/NNW	5.9	34.3	79.8	20.2	.0	.0	46.0	35.3	15.7	3.0	95%	1.6	1.6	26.6	70.3	WNW/44%
中雲(Y)	0																		
澎湖(X)	97%	.48	1.8/ 9.4/SE	6.5	35.5	59.5	40.1	.5	.0	46.7	31.3	20.5	1.5	97%	.4	74.3	25.2	.1	s /31%
金門(X)	86%	.69	2.2/ 7.6/ESE	6.0	12.6	25.1	73.5	1.4	.0	40.9	50.2	8.0	.9	86%	.2	87.7	11.7	.5	ESE/40%
馬祖(X)	98%	.40	2.7/37.2/ENE	7.9	37.2	75.5	24.4	.1	.0	20.6	27.1	32.0	20.4	98%	99.6	.1	.1	.2	NE /63%

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表5.14b 2018年春季12個海域主要測站2修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集率	H_s 平均 (m)	H_s 最大 (波高/週期/波向) (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
北苗(Y)	100%	.73	3.3/ 7.2/NNW	4.4	7.2	42.9	47.9	9.1	.1	98.5	1.5	.0	.0	100%	64.2	.0	7.2	28.6	N /49%
北端(Y)	100%	.93	4.0/ 7.9/NE	6.0	10.1	20.2	64.8	13.9	1.2	54.3	43.6	2.0	.1	100%	65.7	32.0	2.1	.3	ENE/30%
宜蘭(Y)	100%	.90	2.9/ 7.1/ENE	5.8	9.5	13.7	75.5	10.8	.0	60.2	37.8	2.0	.0	100%	35.6	64.4	.0	.0	ESE/29%
花蓮(Y)	100%	.87	3.8/ 7.0/NE	6.0	10.1	17.2	73.2	9.2	.4	48.4	49.1	2.4	.0	100%	65.4	30.0	3.4	1.2	NE /28%
臺東(X)	100%	.49	1.5/ 4.7/SSW	6.7	31.7	52.6	47.4	.0	.0	31.6	49.4	13.9	5.2	100%	13.2	6.2	71.8	8.9	SSW/33%
屏東(Z)	100%	.60	1.8/ 6.3/SE	5.3	9.5	37.7	62.0	.3	.0	81.5	17.8	.7	.0	100%	3.2	89.6	6.4	.8	SE /60%
高雄(Z)	100%	.54	1.9/ 4.7/NW	4.3	6.1	51.9	47.7	.4	.0	99.9	.1	.0	.0	100%	.4	6.0	48.9	44.7	S /22%
嘉南(A)	100%	.36	1.3/11.0/NNW	5.9	34.3	80.7	19.3	.0	.0	47.6	34.7	14.9	2.8	100%	1.5	1.5	28.3	68.7	WNW/43%
中雲(Y)	100%	1.22	8.3/ 6.2/NNE	4.6	6.6	10.5	63.7	21.5	4.3	97.4	2.6	.0	.0	100%	67.0	.0	7.3	25.7	NNE/40%
澎湖(X)	100%	.48	1.8/ 9.4/SE	6.4	35.5	60.5	39.0	.5	.0	48.0	30.6	19.9	1.4	100%	.8	74.5	24.6	.1	S /31%
金門(X)	100%	.72	2.2/ 7.6/ESE	6.0	12.6	24.7	72.1	3.1	.0	37.8	54.1	7.3	.8	100%	.6	88.8	10.2	.4	ESE/39%
馬祖(X)	100%	.41	2.7/37.2/ENE	7.9	37.2	75.2	24.7	.1	.0	20.8	27.3	31.8	20.0	100%	99.6	.1	.1	.2	NE /63%

表 5.15a 2018 年夏季 12 個海域主要測站 2 修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集率	H_s 平均 (m)	H_s 最大 (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
北苗(Y)	99%	.65	2.6/ 5.8/N	4.5	7.2	36.8	61.2	2.0	.0	97.3	2.7	.0	.0	99%	35.2	.0	16.9	47.9	N /24%
北端(Y)	99%	.81	7.9/12.4/E	5.9	12.4	32.3	59.3	7.7	.6	58.8	37.4	3.1	.7	99%	32.3	67.0	.4	.3	E /32%
宜蘭(Y)	85%	.83	5.6/11.8/E	5.8	11.8	29.9	61.2	8.4	.5	56.8	40.9	1.9	.4	85%	30.3	69.5	.0	.1	ESE/31%
花蓮(Y)	100%	.69	2.5/ 6.4/NNW	6.1	10.5	33.2	63.3	3.5	.0	47.6	49.0	3.3	.1	100%	63.7	32.6	2.5	1.2	ENE/25%
臺東(X)	99%	.77	8.5/ 6.7/NNW	7.2	38.2	39.2	48.7	11.7	.4	29.3	23.8	42.9	4.0	99%	.6	1.5	93.8	4.1	SSW/42%
屏東(Z)	100%	1.36	5.4/ 8.5/SSW	6.2	16.1	11.5	53.6	30.8	4.0	39.8	57.4	2.2	.6	100%	.1	15.7	83.3	.8	SSW/44%
高雄(Z)	99%	1.24	4.3/ 6.9/SSW	5.8	8.2	7.2	61.5	30.3	1.1	53.0	46.7	.3	.0	99%	.0	.0	94.6	5.3	SW /47%
嘉南(A)	97%	.69	3.8/ 3.3/W	7.9	10.6	24.2	74.1	1.6	.1	10.2	31.1	56.8	2.0	97%	.0	.0	84.0	16.0	W /59%
中雲(Y)	0																		
澎湖(X)	64%	.79	3.3/ 8.4/S	7.6	39.2	19.9	74.9	4.9	.3	21.8	40.0	33.8	4.5	64%	1.6	80.9	16.2	1.3	S /54%
金門(X)	77%	1.02	2.5/ 8.1/SSE	7.1	10.4	1.8	89.8	8.5	.0	22.4	45.8	31.1	.8	77%	.0	88.8	11.2	.0	SSE/54%
馬祖(X)	98%	.39	3.6/14.4/NE	7.7	16.9	73.0	26.5	.3	.1	26.5	26.2	28.2	19.1	98%	99.4	.1	.0	.4	NE /57%

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表5.15b 2018年夏季12個海域主要測站2修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	
北苗(Y)	100%	.65	2.6/ 5.8/N	4.5	7.2	36.7	61.3	2.0	.0	97.2	2.8	.0	.0	100%	35.0	.0	17.2	47.8	N /24%
北端(Y)	100%	.81	7.9/12.4/E	5.9	12.4	32.4	59.3	7.7	.6	59.0	37.3	3.0	.7	100%	32.1	67.2	.4	.3	E /32%
宜蘭(Y)	100%	.82	5.6/11.8/E	5.9	11.8	25.9	66.3	7.4	.5	48.4	49.6	1.6	.4	100%	32.3	67.6	.0	.1	ESE/30%
花蓮(Y)	100%	.69	2.5/ 6.4/NNW	6.1	10.5	33.3	63.2	3.5	.0	47.6	49.1	3.3	.1	100%	63.7	32.6	2.5	1.2	ENE/25%
臺東(X)	100%	.77	8.5/ 6.7/NNW	7.3	38.2	39.0	49.0	11.6	.4	29.2	24.0	42.9	3.9	100%	.6	1.6	93.7	4.1	SSW/42%
屏東(Z)	100%	1.36	5.4/ 8.5/SSW	6.2	16.1	11.5	53.6	30.8	4.0	39.9	57.3	2.2	.6	100%	.1	15.8	83.2	.8	SSW/44%
高雄(Z)	100%	1.24	4.3/ 6.9/SSW	5.8	8.2	7.5	61.3	30.1	1.0	53.4	46.3	.3	.0	100%	.0	.2	94.4	5.3	SW /47%
嘉南(A)	100%	.68	3.8/ 3.3/W	7.8	10.6	26.2	72.1	1.5	.1	11.7	30.8	55.6	1.9	100%	.0	.0	84.3	15.7	W /57%
中雲(Y)	100%	.69	14.1/ 4.2/SW	4.4	23.4	34.7	50.9	5.0	1.3	98.6	.2	.3	.9	100%	30.3	3.4	48.2	18.0	WSW/22%
澎湖(X)	100%	.85	3.3/ 8.4/S	7.7	39.2	18.8	72.9	8.2	.2	16.3	39.2	40.6	3.9	100%	1.0	72.3	25.8	.9	S /56%
金門(X)	100%	1.08	4.1/ 8.1/SSE	7.1	10.4	1.4	85.1	13.2	.4	18.8	49.8	30.8	.6	100%	.0	91.3	8.7	.0	SSE/46%
馬祖(X)	100%	.40	3.6/14.4/NE	7.8	16.9	72.0	27.4	.5	.1	26.0	25.7	27.9	20.4	100%	97.6	.1	1.7	.5	NE /56%

5-30

表 5.16a 2018年秋季12個海域主要測站2修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集率	H_s 平均 (m)	H_s 最大 (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
北苗(Y)	100%	1.15	3.0/ 6.0/NNE	4.9	7.4	13.7	60.1	26.2	.0	94.5	5.5	.0	.0	100%	77.8	.0	5.1	17.1	N /55%
北端(Y)	99%	1.46	5.3/10.5/ENE	6.2	10.8	11.4	48.5	33.0	7.1	52.5	38.6	7.9	.9	99%	67.2	32.6	.2	.0	ENE/44%
宜蘭(Y)	99%	1.38	5.2/11.3/NE	6.4	11.7	8.8	57.3	29.1	4.8	41.9	44.9	11.3	1.9	99%	70.0	29.9	.0	.0	ENE/34%
花蓮(Y)	100%	1.29	4.9/10.4/ENE	6.3	11.4	8.9	60.6	27.0	3.5	42.7	47.8	8.1	1.4	100%	85.9	13.0	.6	.5	NNE/32%
臺東(X)	80%	.46	3.4/12.1/N	7.4	16.2	74.5	23.1	2.4	.1	40.7	32.9	10.5	15.9	80%	.2	3.6	61.2	35.1	SSW/18%
屏東(Z)	100%	.82	7.2/13.0/SE	6.0	14.8	34.8	56.3	6.0	2.9	65.5	22.2	6.2	6.1	100%	5.4	72.2	21.2	1.2	SE /45%
高雄(Z)	99%	.77	4.7/ 8.7/SSW	4.7	9.6	16.8	79.7	2.7	.9	93.8	5.0	1.2	.0	99%	.9	.5	26.1	72.5	NW /33%
嘉南(A)	82%	.59	2.8/11.8/WSW	7.3	39.6	44.2	54.5	1.3	.0	26.0	32.0	33.0	8.9	82%	2.5	2.0	19.1	76.4	WNW/38%
中雲(Y)	0																		
澎湖(X)	85%	.69	7.2/11.3/SSE	7.5	16.6	38.5	57.2	3.6	.7	22.0	42.0	29.1	6.9	85%	.1	85.2	14.7	.1	SE /33%
金門(X)	20%	1.07	3.0/11.2/SSE	6.9	12.8	5.5	74.0	20.5	.0	24.9	51.6	18.9	4.6	20%	.0	85.9	14.1	.0	ESE/29%
馬祖(X)	99%	.67	1.7/12.1/NE	7.6	15.8	32.4	67.3	.4	.0	25.7	37.7	18.7	17.9	99%	100.0	.0	.0	.0	NE /82%

5-31

表5.16b 2018年秋季12個海域主要測站2修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比)
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	來向/%
北苗(Y)	100%	1.15	3.0/ 6.0/NNE	4.9	7.4	13.6	60.2	26.1	.0	94.6	5.4	.0	.0	100%	77.8	.0	5.1	17.1	N /55%
北端(Y)	100%	1.45	5.3/10.5/ENE	6.2	10.8	11.4	48.7	32.9	7.1	52.5	38.7	7.9	.9	100%	67.3	32.5	.2	.0	ENE/44%
宜蘭(Y)	100%	1.38	5.2/11.3/NE	6.4	11.7	8.7	57.5	29.0	4.8	42.0	45.0	11.2	1.9	100%	70.1	29.8	.1	.0	ENE/34%
花蓮(Y)	100%	1.29	4.9/10.4/ENE	6.3	11.4	8.8	60.7	26.9	3.5	42.7	47.8	8.1	1.4	100%	85.9	13.0	.6	.5	NNE/32%
臺東(X)	100%	.52	3.4/12.1/N	7.6	16.2	71.2	24.5	4.3	.0	33.6	35.3	12.3	18.8	100%	4.4	8.2	59.3	28.2	SSW/20%
屏東(Z)	100%	.82	7.2/13.0/SE	6.0	14.8	34.7	56.4	6.0	2.9	65.6	22.2	6.2	6.0	100%	5.4	72.3	21.2	1.2	SE /45%
高雄(Z)	100%	.77	4.7/ 8.7/SSW	4.7	9.6	16.6	79.9	2.7	.9	93.5	5.3	1.2	.0	100%	.9	1.1	26.1	71.9	NW /33%
嘉南(A)	100%	.56	2.8/11.8/WSW	7.3	39.6	48.9	50.0	1.1	.0	26.3	33.7	31.7	8.2	100%	2.6	3.1	17.3	77.1	WNW/42%
中雲(Y)	100%	2.20	7.1/ 4.1/WSW	5.5	8.7	9.3	19.8	46.7	24.1	72.5	26.4	1.1	.0	100%	88.1	.0	10.5	1.4	NNE/63%
澎湖(X)	100%	.68	7.2/11.3/SSE	7.3	16.6	36.9	59.4	3.1	.6	23.4	45.6	25.0	5.9	100%	.0	77.4	12.8	9.8	SE /31%
金門(X)	100%	1.05	3.0/11.2/SSE	7.0	14.6	4.4	82.8	12.8	.0	9.8	74.4	12.7	3.1	100%	.0	96.4	3.5	.0	ESE/57%
馬祖(X)	100%	.67	1.7/12.1/NE	7.6	15.8	32.4	67.2	.4	.0	25.4	38.1	18.7	17.8	100%	99.6	.1	.2	.0	NE /81%

5-53

表 5.17a 2018 年整年 12 個海域主要測站 2 修補前示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集率	H_s 平均 (m)	H_s 最大 (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
北苗(Y)	99%	1.04	4.5/ 7.2/NNW	4.8	7.7	24.5	52.6	22.1	.8	95.0	5.0	.0	.0	99%	64.1	.0	7.2	28.7	N /50%
北端(Y)	88%	1.18	7.9/12.4/E	6.0	12.4	18.2	54.6	23.6	3.6	53.0	42.8	3.8	.5	88%	59.6	39.4	.8	.2	ENE/35%
宜蘭(Y)	96%	1.17	5.6/11.8/E	6.1	11.8	12.5	62.3	23.6	1.6	47.3	48.1	4.0	.6	96%	52.0	47.9	.0	.0	ENE/25%
花蓮(Y)	100%	1.10	4.9/10.4/ENE	6.1	11.4	14.9	63.1	20.5	1.5	44.4	51.8	3.5	.4	100%	75.5	22.1	1.7	.7	NE /33%
臺東(X)	77%	.56	8.5/ 6.7/NNW	6.9	38.2	59.6	35.8	4.5	.1	38.4	30.6	24.6	6.4	77%	.3	1.7	69.8	28.3	SSW/26%
屏東(Z)	100%	.91	7.2/13.0/SE	5.7	16.1	23.0	65.1	10.2	1.8	62.1	33.8	2.4	1.7	100%	4.5	65.6	29.1	.8	SE /40%
高雄(Z)	97%	.84	4.7/ 8.7/SSW	4.9	9.6	20.1	70.8	8.6	.5	86.2	13.4	.4	.0	97%	.4	2.1	47.0	50.5	NW /24%
嘉南(A)	93%	.58	3.8/ 3.3/W	7.3	39.6	44.3	55.0	.7	.0	22.7	32.8	39.8	4.6	93%	.9	.8	33.6	64.6	WNW/38%
中雲(Y)	0																		
澎湖(X)	87%	.66	7.2/11.3/SSE	7.4	39.2	34.5	62.7	2.5	.2	23.8	34.9	36.6	4.7	87%	.4	84.7	14.6	.3	SE /27%
金門(X)	58%	.92	3.0/11.2/SSE	6.7	12.8	11.0	80.5	8.4	.0	26.1	55.2	17.6	1.1	58%	.1	90.5	9.2	.2	ESE/35%
馬祖(X)	99%	.53	3.6/14.4/NE	7.6	37.2	52.1	47.6	.3	.0	22.1	35.7	27.8	14.4	99%	90.7	.1	9.1	.2	NE /59%

表5.17b 2018年整年12個海域主要測站2修補後示性波高週期及波向重要統計量統計表

海域 (測站)	波高 蒐集	H_s 平均	H_s 最大 (波高/週期/波向)	T_p 平均	T_p 最大	小波 <0.5m	小浪 ~1.5m	中浪 ~3m	大浪 >3m	T_p <6s	T_p 6~8s	T_p 8~10s	T_p >10s	波向 蒐集	波向 N~E	波向 E~S	波向 S~W	波向 W~N	主波向 (百分比) 來向/%
	率	(m)	(m/s/來向)	(s)	(s)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	率	(%)	(%)	(%)	(%)	
北苗(Y)	100%	1.03	4.5/ 7.2/NNW	4.7	7.7	24.7	52.6	21.9	.8	95.0	5.0	.0	.0	100%	63.6	.0	7.5	29.0	N /49%
北端(Y)	100%	1.22	7.9/12.4/E	6.0	12.4	16.2	54.3	26.2	3.3	51.6	44.6	3.4	.4	100%	55.4	43.7	.7	.2	ENE/31%
宜蘭(Y)	100%	1.16	5.6/11.8/E	6.1	11.8	12.2	63.5	22.8	1.6	45.6	50.0	3.9	.6	100%	51.8	48.2	.0	.0	ENE/26%
花蓮(Y)	100%	1.10	4.9/10.4/ENE	6.1	11.4	14.9	63.0	20.5	1.5	44.3	51.8	3.5	.4	100%	75.5	22.0	1.7	.7	NE /33%
臺東(X)	100%	.56	8.5/ 6.7/NNW	7.0	38.2	56.4	39.5	4.0	.1	33.4	36.9	22.1	7.5	100%	4.6	4.0	68.3	23.1	SSW/27%
屏東(Z)	100%	.91	7.2/13.0/SE	5.7	16.1	23.0	65.1	10.1	1.7	62.2	33.7	2.4	1.7	100%	4.5	65.7	29.1	.8	SE /40%
高雄(Z)	100%	.84	4.7/ 8.7/SSW	4.8	9.6	19.9	71.3	8.4	.5	86.5	13.1	.4	.0	100%	.4	2.4	46.7	50.5	NW /24%
嘉南(A)	100%	.57	3.8/ 3.3/W	7.2	39.6	46.6	52.7	.7	.0	23.9	33.1	38.4	4.6	100%	1.2	1.1	33.2	64.5	WNW/39%
中雲(Y)	100%	1.95	14.1/ 4.2/SW	5.1	23.4	14.3	36.0	26.4	21.2	80.5	18.7	.6	.2	100%	67.8	.9	19.9	11.5	NNE/45%
澎湖(X)	100%	.69	7.2/11.3/SSE	7.4	39.2	33.1	63.3	3.5	.2	23.0	36.1	36.5	4.3	100%	.5	80.3	16.6	2.7	S /28%
金門(X)	100%	1.00	4.1/ 8.1/SSE	6.8	14.6	8.1	80.2	11.6	.1	17.6	66.4	14.9	1.2	100%	.6	93.6	5.6	.1	ESE/45%
馬祖(X)	100%	.53	3.6/14.4/NE	7.6	37.2	51.8	47.8	.3	.0	22.0	35.7	27.7	14.7	100%	90.3	.1	9.5	.2	NE /59%

第六章 2018 年 12 海域波浪**主要測站 2** 修補前後資料歷線比較圖

(北苗海域)

(北端海域)

(宜蘭海域)

(花蓮海域)

(臺東海域)

(屏東海域)

(高雄海域)

(嘉南海域)

(中雲海域)

(澎湖海域)

(金門海域)

(馬祖海域)

Twelve Seas Wave H_s at 2017/12

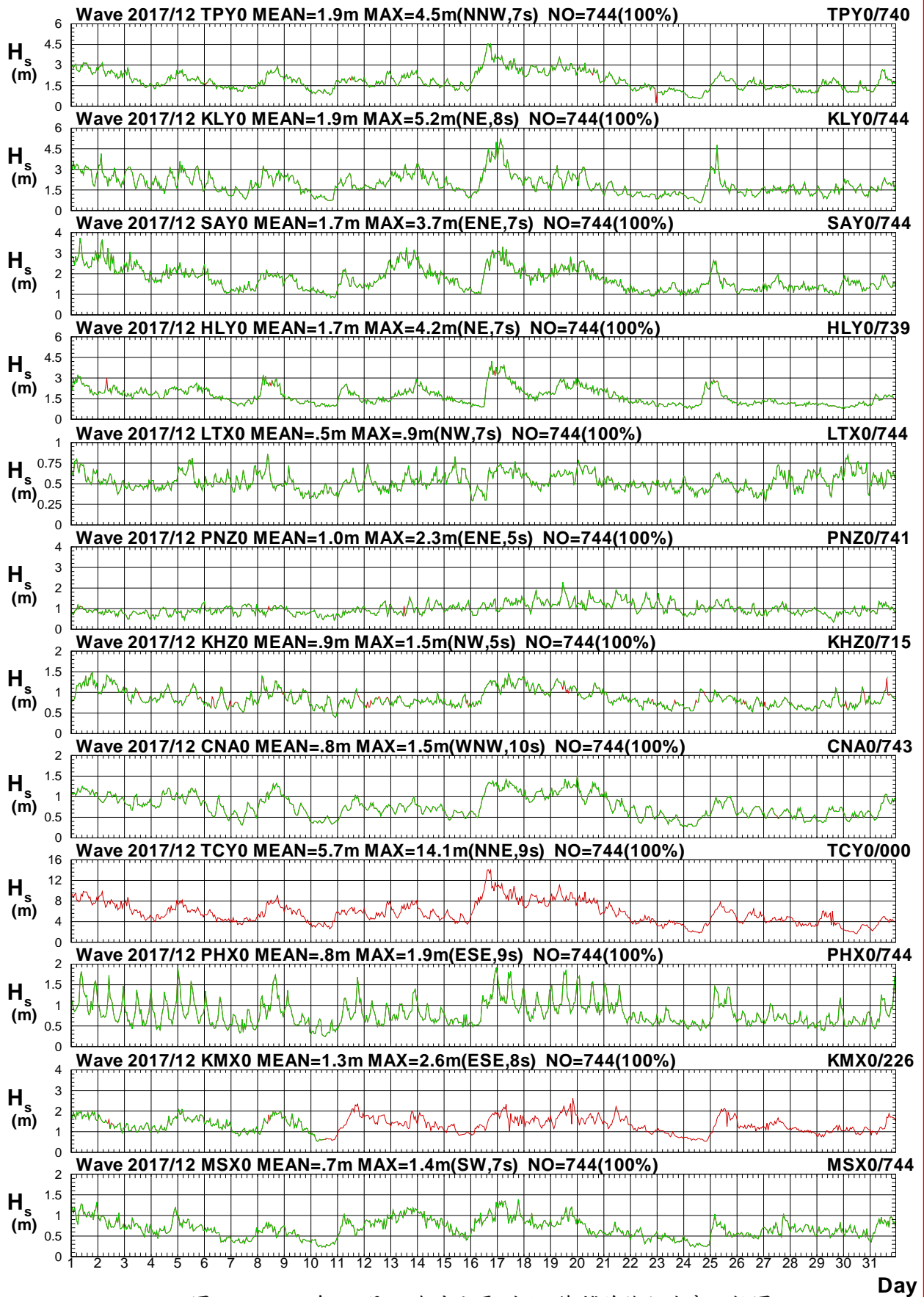


圖6.1 2017年12月12海域主要測站1修補前後之波高比較圖

V17CTPY0.1HA V17CTPY0.1H0 V17CKLY0.1HA V17CKLY0.1H0 V17CSAY0.1HA V17CSAY0.1H0
 V17CHLY0.1HA V17CHLY0.1H0 V17CLTX0.1HA V17CLTX0.1H0 V17CPNZ0.1HA V17CPNZ0.1H0

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Twelve Seas Wave T_p at 2017/12

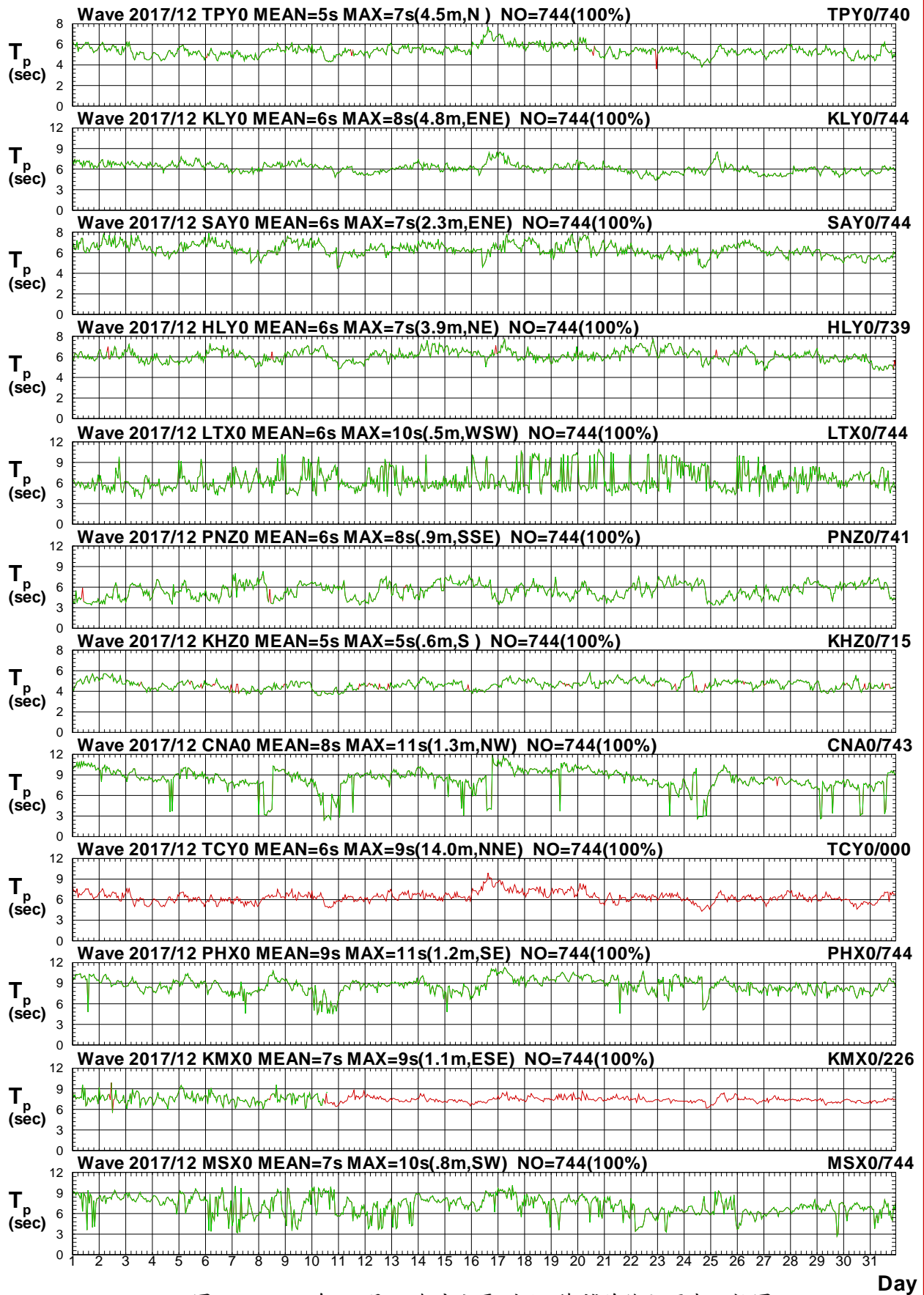


圖6.2 2017年12月12海域主要測站1修補前後之週期比較圖

V17CTPY0.1HA V17CTPY0.1H0 V17CKLY0.1HA V17CKLY0.1H0 V17CSAY0.1HA V17CSAY0.1H0
 V17CHLY0.1HA V17CHLY0.1H0 V17CLTX0.1HA V17CLTX0.1H0 V17CPNZ0.1HA V17CPNZ0.1H0

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Twelve Seas Wave Direction at 2017/12

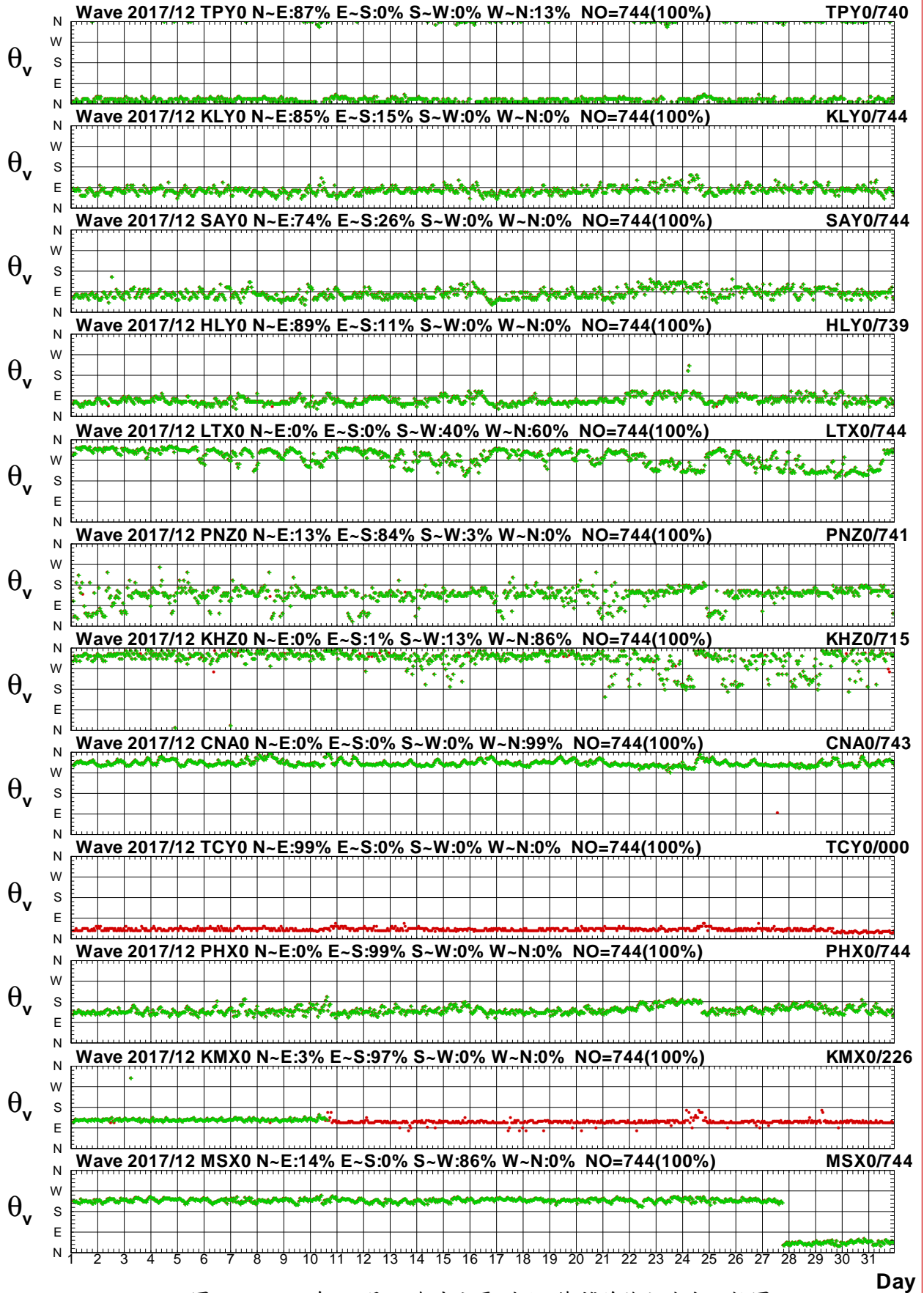


圖6.3 2017年12月12海域主要測站1修補前後之波向比較圖

V17CTPY0.1HA V17CTPY0.1H0 V17CKLY0.1HA V17CKLY0.1H0 V17CSAY0.1HA V17CSAY0.1H0
 V17CHLY0.1HA V17CHLY0.1H0 V17CLTX0.1HA V17CLTX0.1H0 V17CPNZ0.1HA V17CPNZ0.1H0

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Twelve Seas Wave H_s at 2018/01

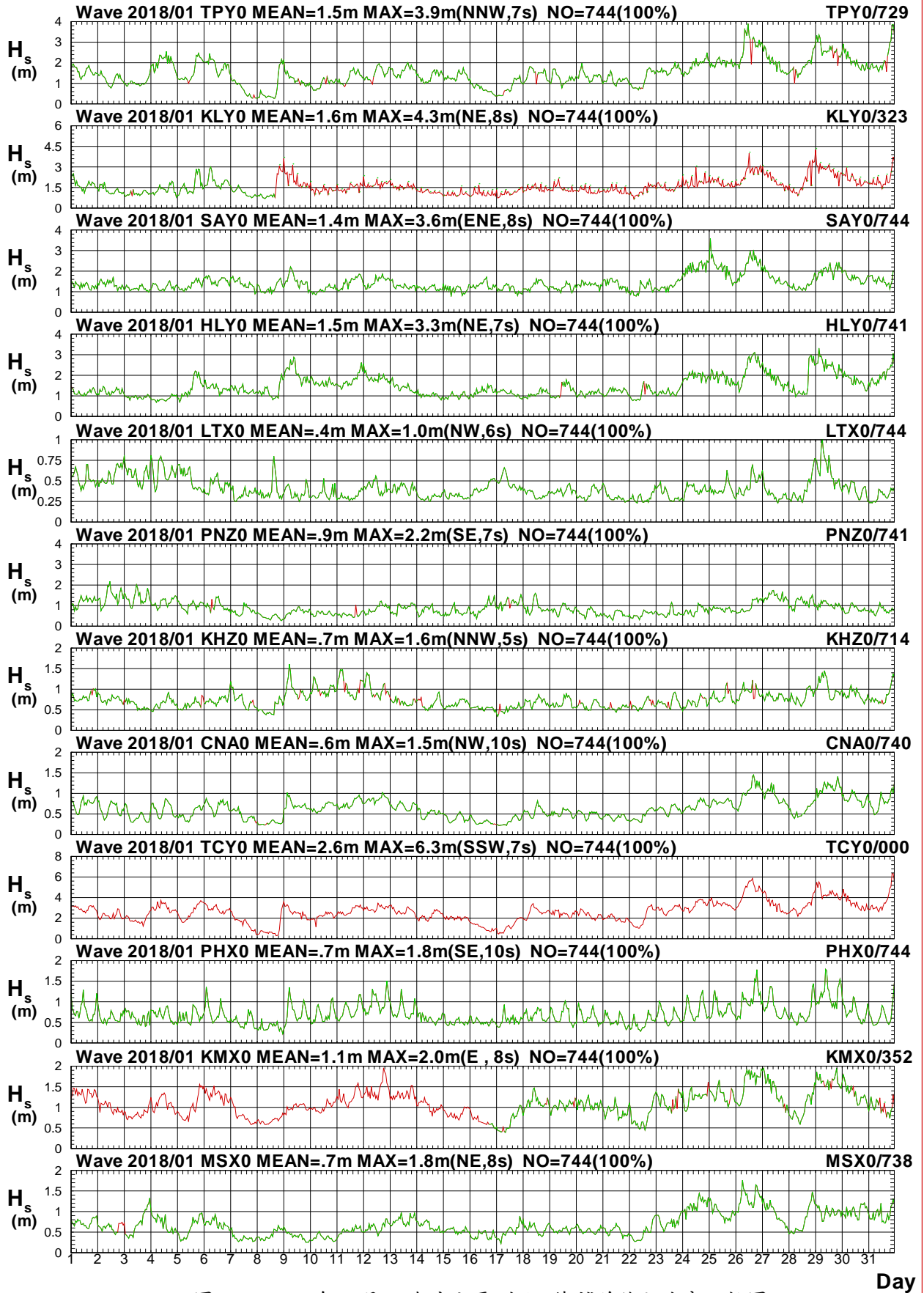


圖6.4 2018年1月12海域主要測站1修補前後之波高比較圖

V181TPY0.1HA V181TPY0.1HO V181KLY0.1HA V181KLY0.1HO V181SAY0.1HA V181SAY0.1HO
 V181HLY0.1HA V181HLY0.1HO V181LTX0.1HA V181LTX0.1HO V181PNZ0.1HA V181PNZ0.1HO

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Twelve Seas Wave T_p at 2018/01

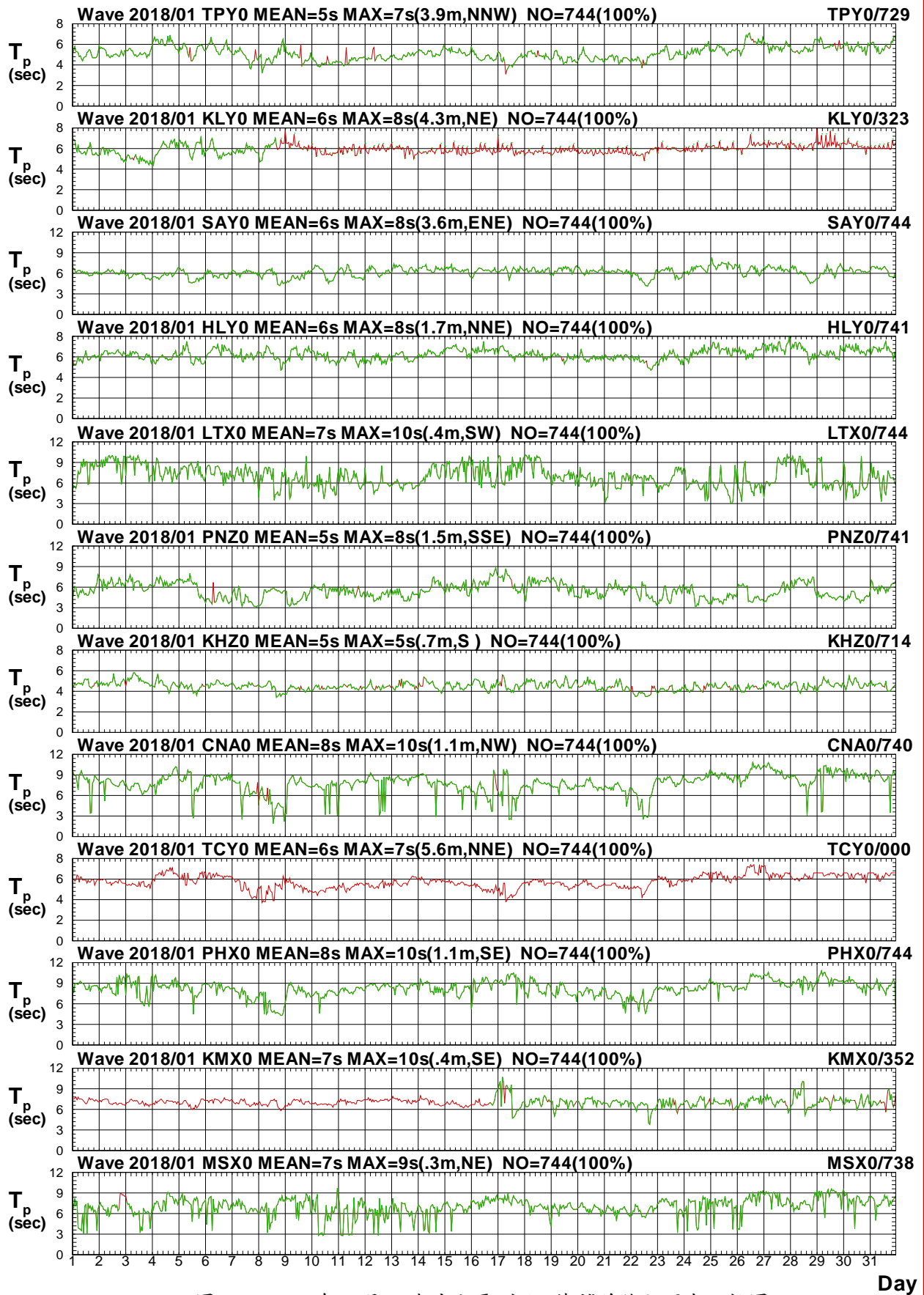


圖6.5 2018年1月12海域主要測站1修補前後之週期比較圖

V181TPY0.1HA V181TPY0.1HO V181KLY0.1HA V181KLY0.1HO V181SAY0.1HA V181SAY0.1HO
 V181HLY0.1HA V181HLY0.1HO V181LTX0.1HA V181LTX0.1HO V181PNZ0.1HA V181PNZ0.1HO

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Twelve Seas Wave Direction at 2018/01

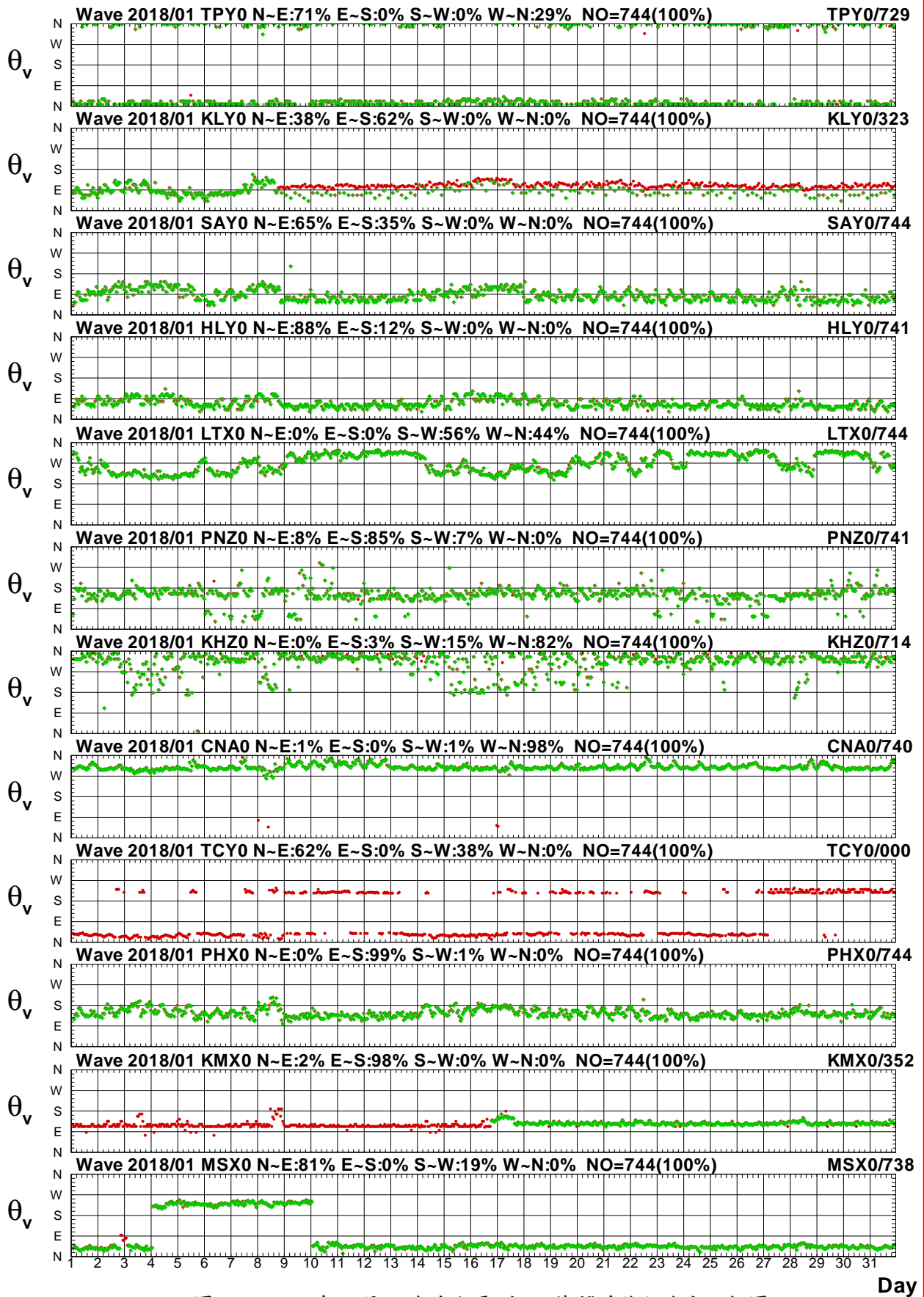


圖6.6 2018年1月12海域主要測站1修補前後之波向比較圖

V181TPY0.1HA V181TPY0.1HO V181KLY0.1HA V181KLY0.1HO V181SAY0.1HA V181SAY0.1HO
 V181HLY0.1HA V181HLY0.1HO V181LTX0.1HA V181LTX0.1HO V181PNZ0.1HA V181PNZ0.1HO

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Twelve Seas Wave H_s at 2018/02

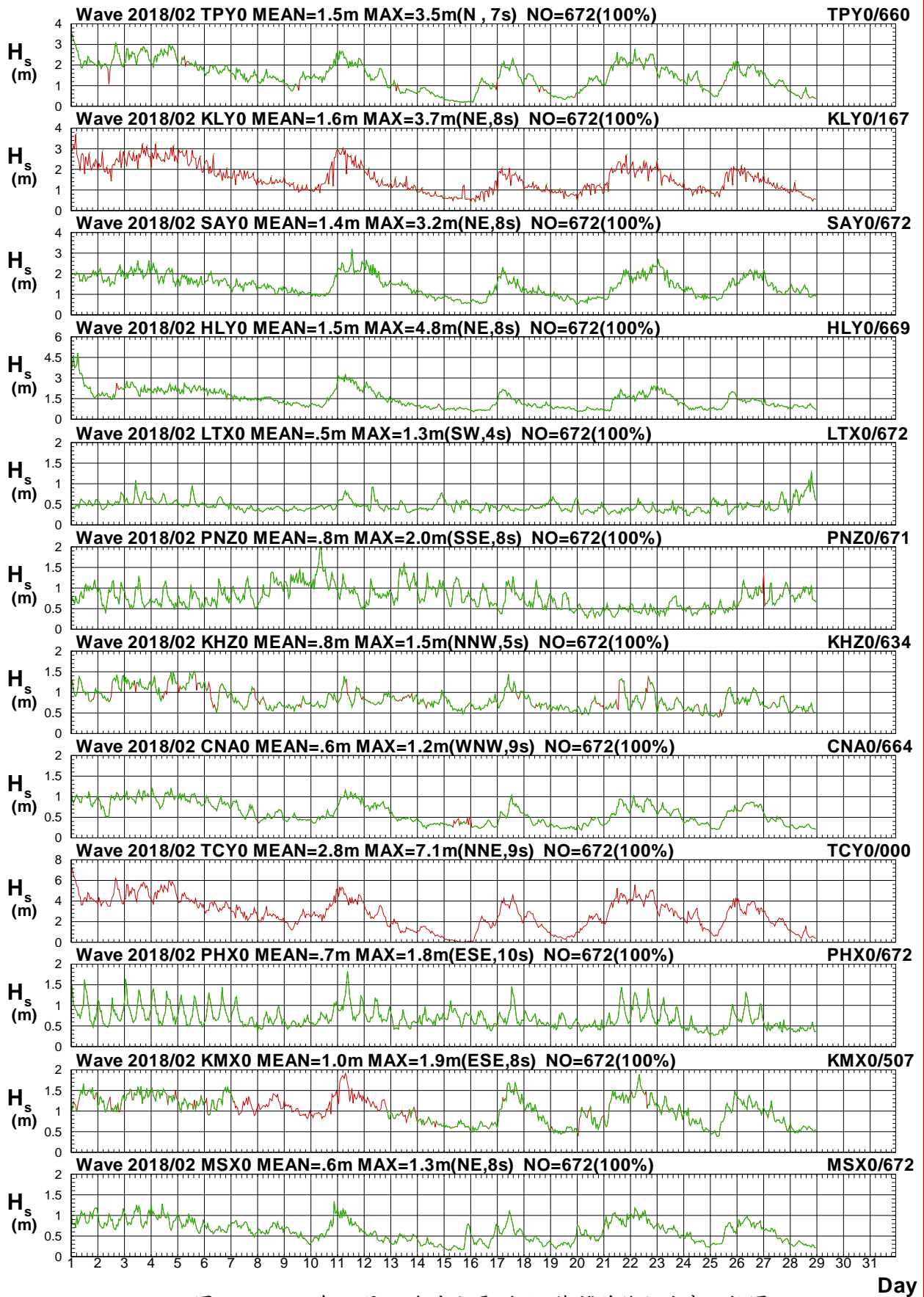


圖6.7 2018年2月12海域主要測站1修補前後之波高比較圖

V182TPY0.1HA V182TPY0.1HO V182KLY0.1HA V182KLY0.1HO V182SAY0.1HA V182SAY0.1HO
 V182HLY0.1HA V182HLY0.1HO V182LTX0.1HA V182LTX0.1HO V182PNZ0.1HA V182PNZ0.1HO

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Twelve Seas Wave T_p at 2018/02

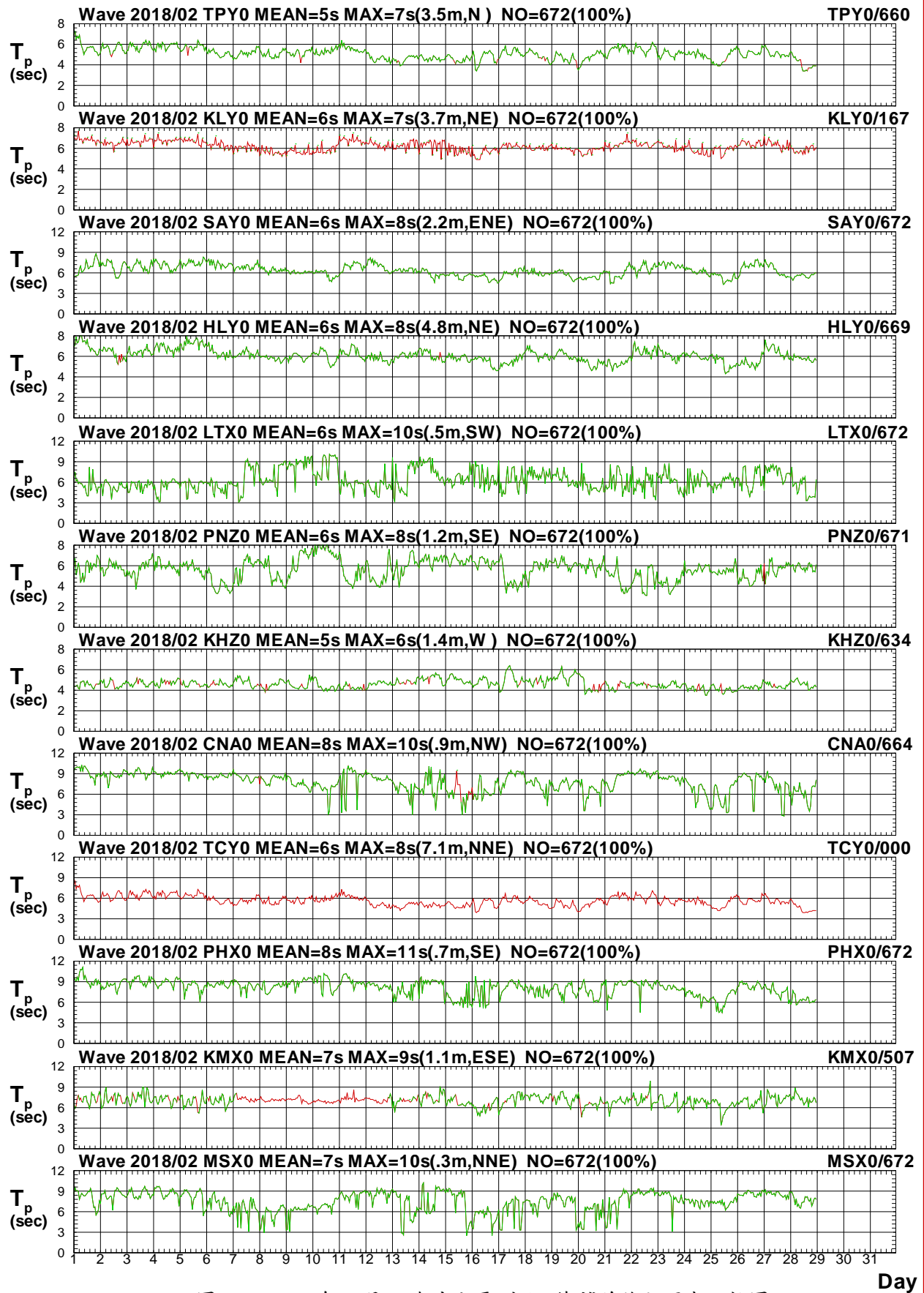


圖6.8 2018年2月12海域主要測站1修補前後之週期比較圖

V182TPY0.1HA V182TPY0.1HO V182KLY0.1HA V182KLY0.1HO V182SAY0.1HA V182SAY0.1HO
 V182HLY0.1HA V182HLY0.1HO V182LTX0.1HA V182LTX0.1HO V182PNZ0.1HA V182PNZ0.1HO

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Twelve Seas Wave Direction at 2018/02

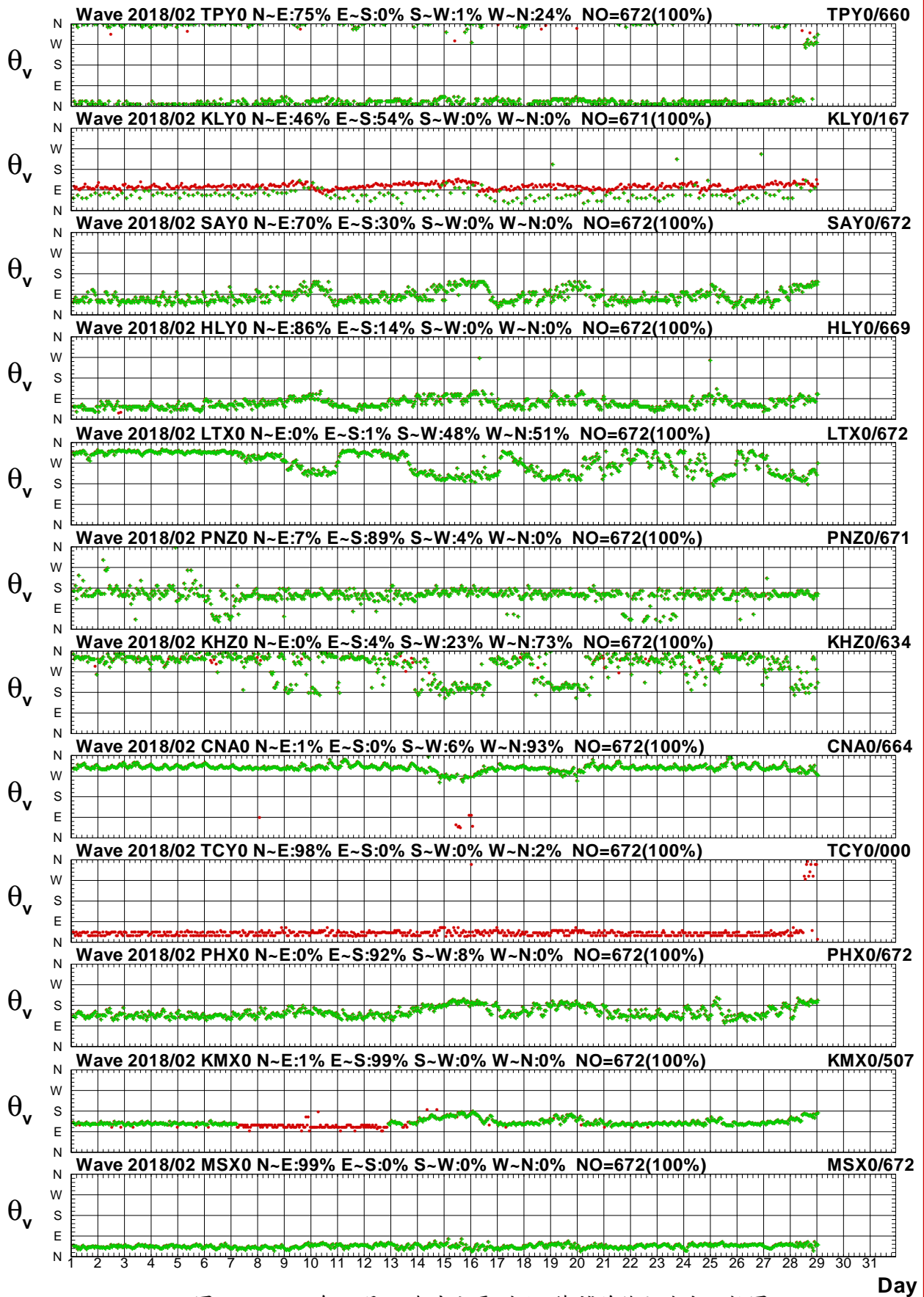


圖6.9 2018年2月12海域主要測站1修補前後之波向比較圖

V182TPY0.1HA V182TPY0.1HO V182KLY0.1HA V182KLY0.1HO V182SAY0.1HA V182SAY0.1HO
 V182HLY0.1HA V182HLY0.1HO V182LTX0.1HA V182LTX0.1HO V182PNZ0.1HA V182PNZ0.1HO

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Twelve Seas Wave H_s at 2018/03

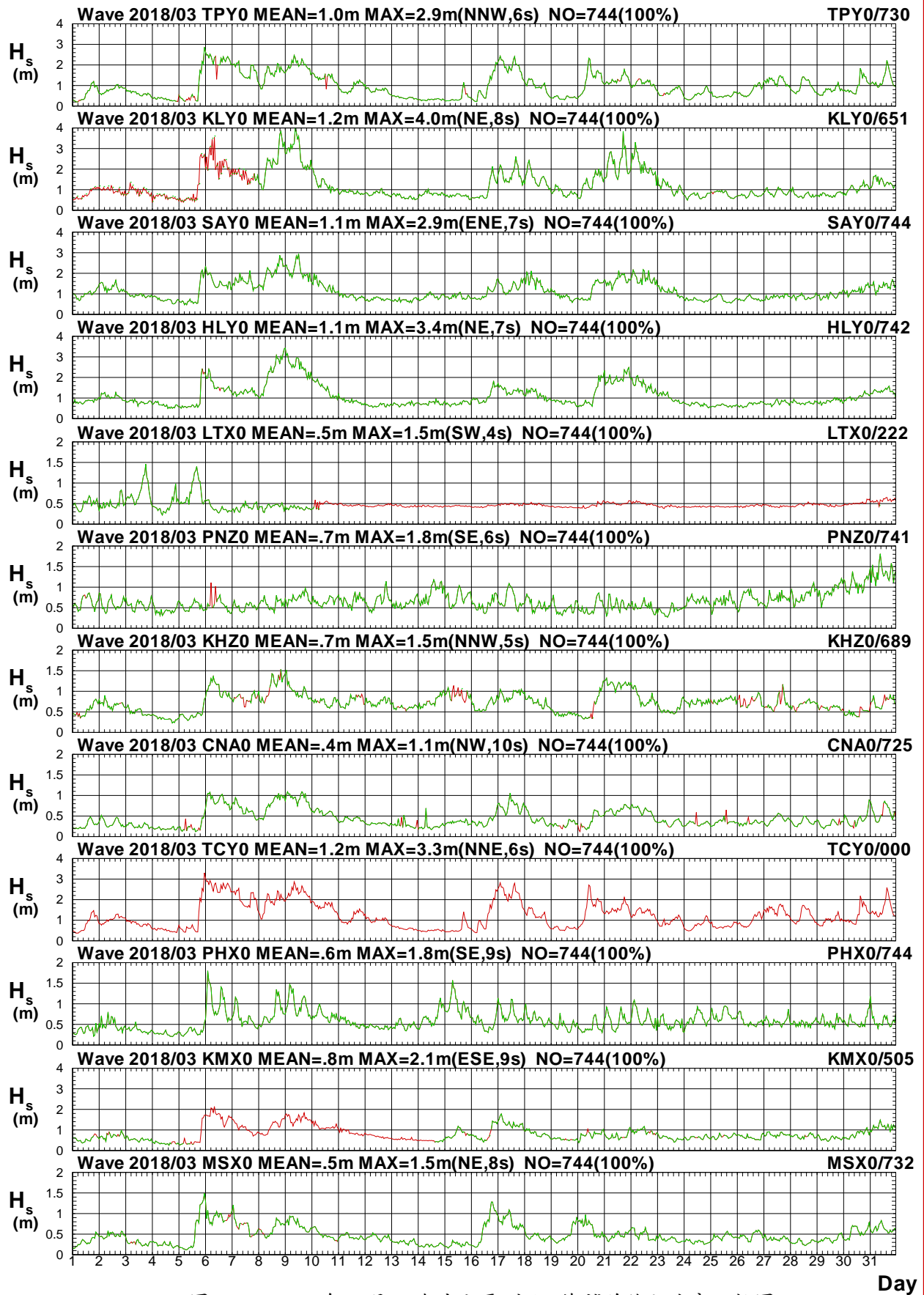


圖6.10 2018年3月12海域主要測站1修補前後之波高比較圖

V183TPY0.1HA V183TPY0.1HO V183KLY0.1HA V183KLY0.1HO V183SAY0.1HA V183SAY0.1HO
 V183HLY0.1HA V183HLY0.1HO V183LTX0.1HA V183LTX0.1HO V183PNZ0.1HA V183PNZ0.1HO

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Twelve Seas Wave T_p at 2018/03

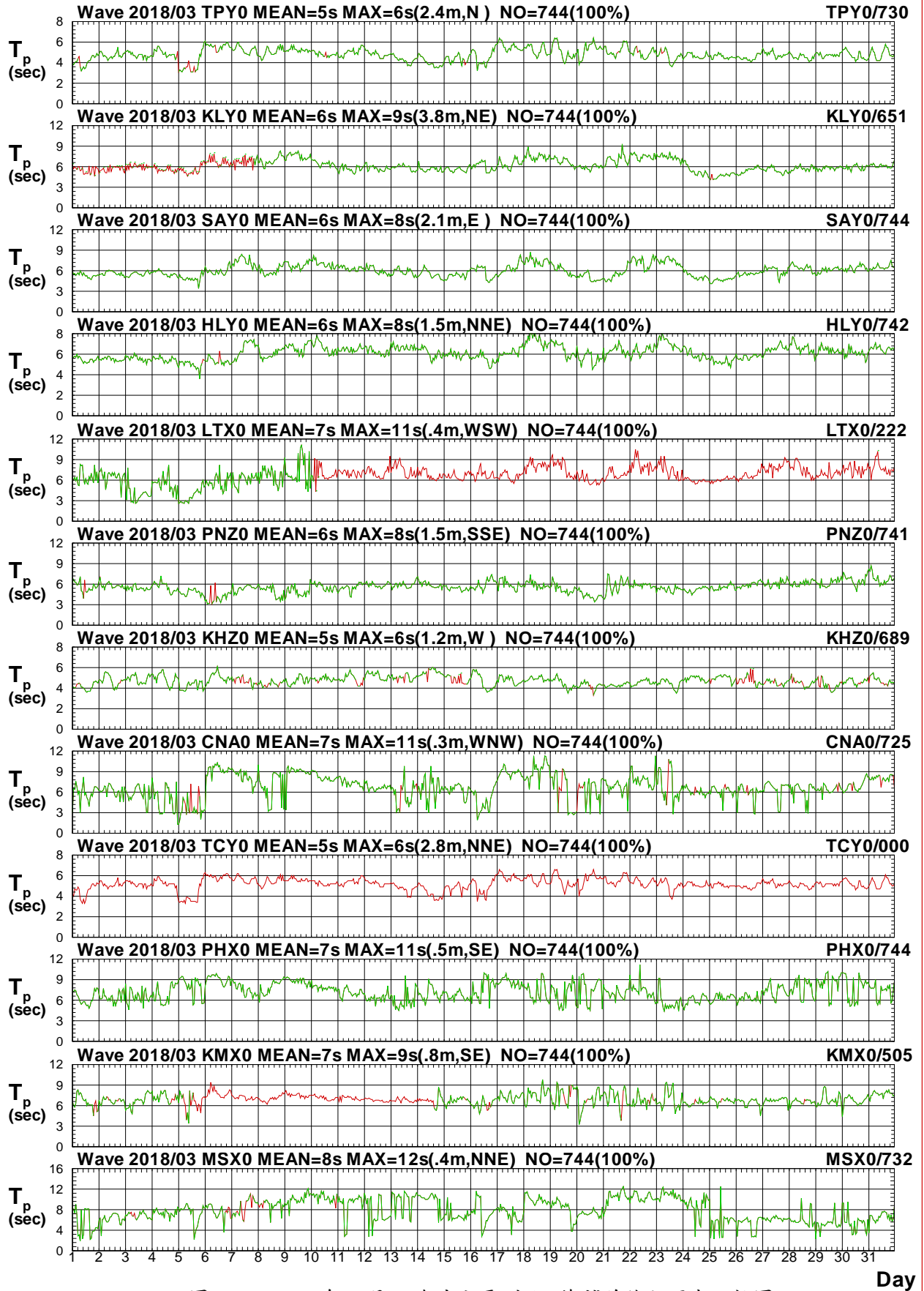


圖6.11 2018年3月12海域主要測站1修補前後之週期比較圖

Twelve Seas Wave Direction at 2018/03

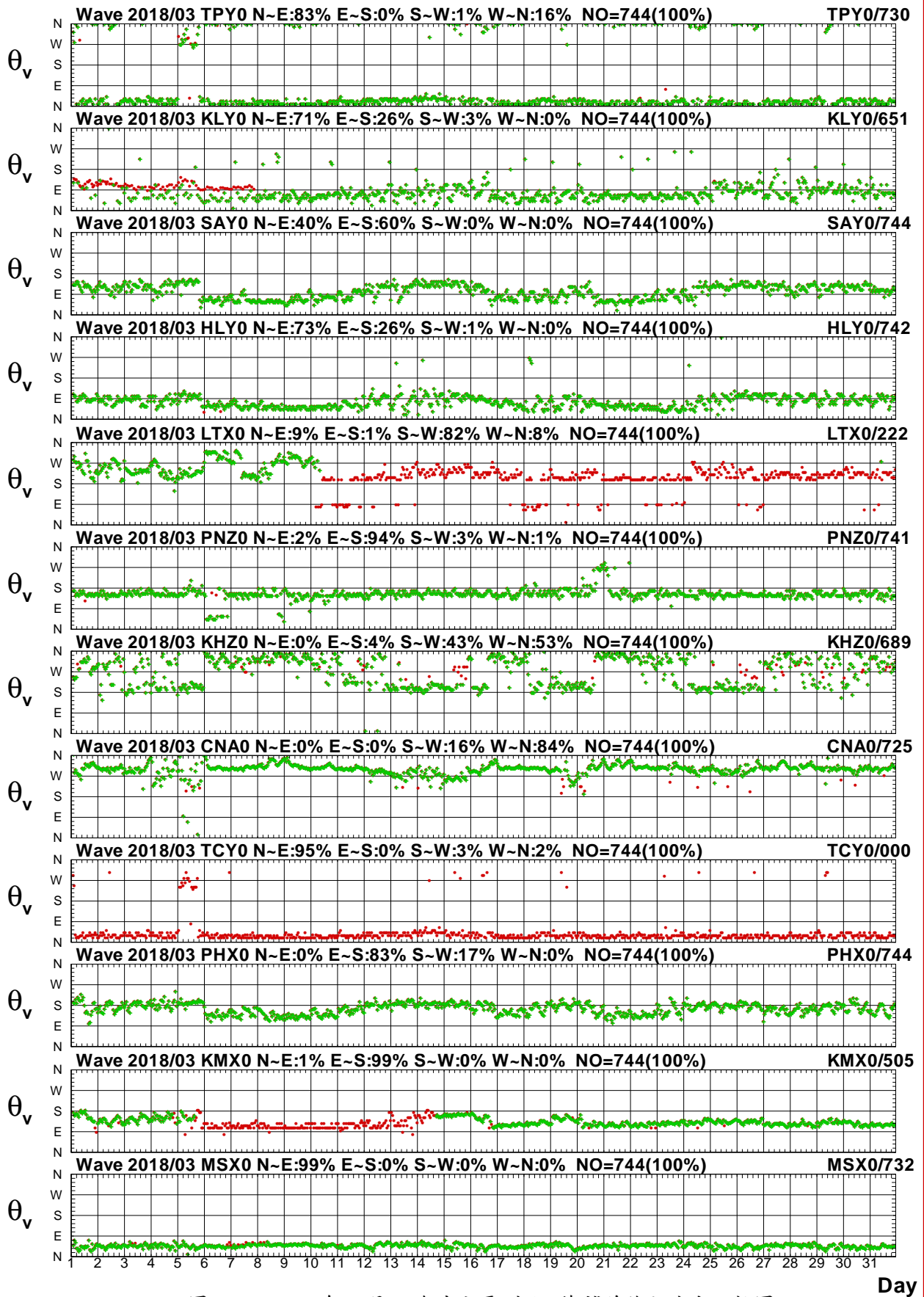


圖6.12 2018年3月12海域主要測站1修補前後之波向比較圖

V183TPY0.1HA V183TPY0.1HO V183KLY0.1HA V183KLY0.1HO V183SAY0.1HA V183SAY0.1HO
 V183HLY0.1HA V183HLY0.1HO V183LTX0.1HA V183LTX0.1HO V183PNZ0.1HA V183PNZ0.1HO

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Twelve Seas Wave H_s at 2018/04

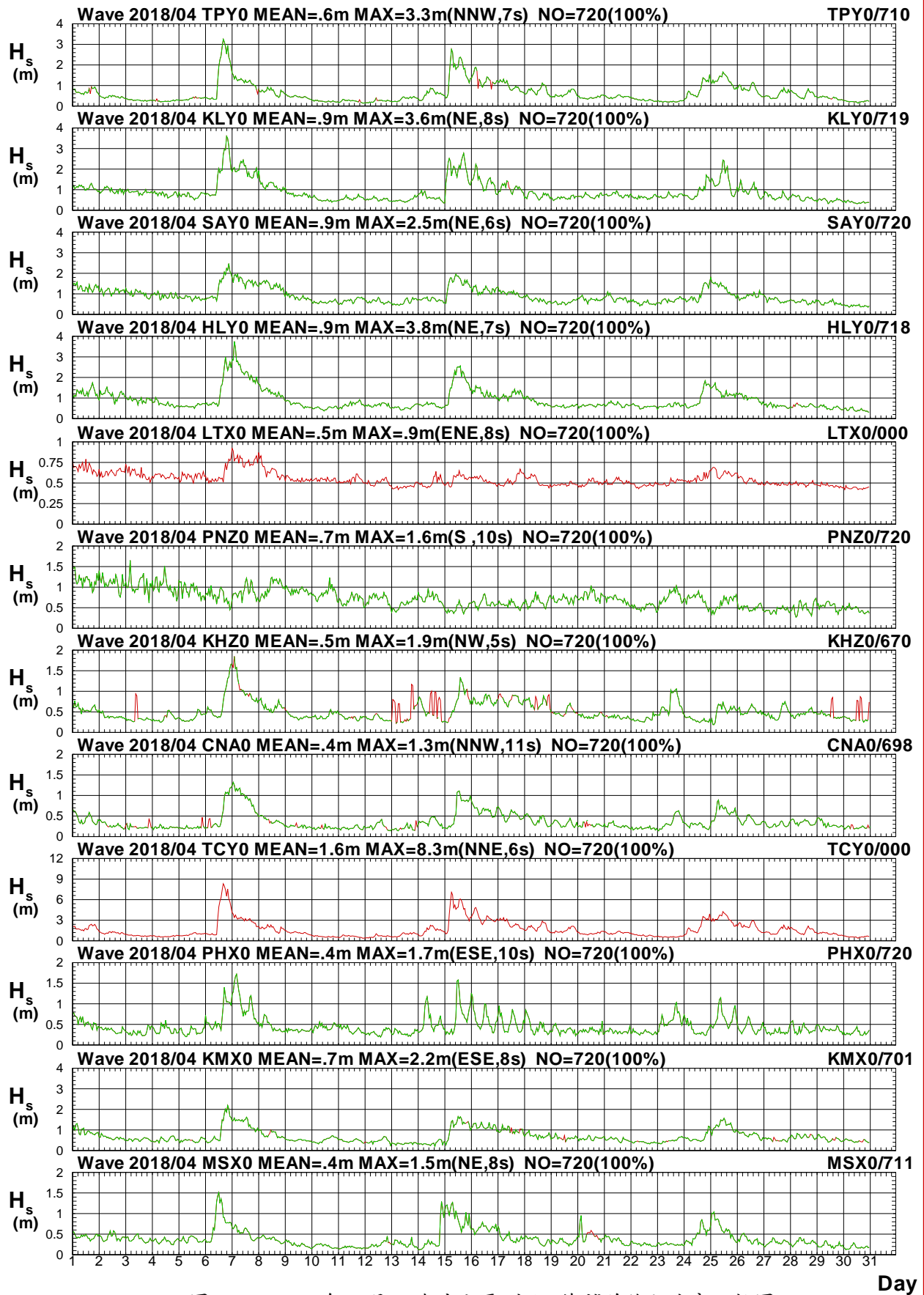


圖6.13 2018年4月12海域主要測站1修補前後之波高比較圖

V184TPY0.1HA V184TPY0.1HO V184KLY0.1HA V184KLY0.1HO V184SAY0.1HA V184SAY0.1HO
 V184HLY0.1HA V184HLY0.1HO V184LTX0.1HA V184LTX0.1HO V184PNZ0.1HA V184PNZ0.1HO

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Twelve Seas Wave T_p at 2018/04

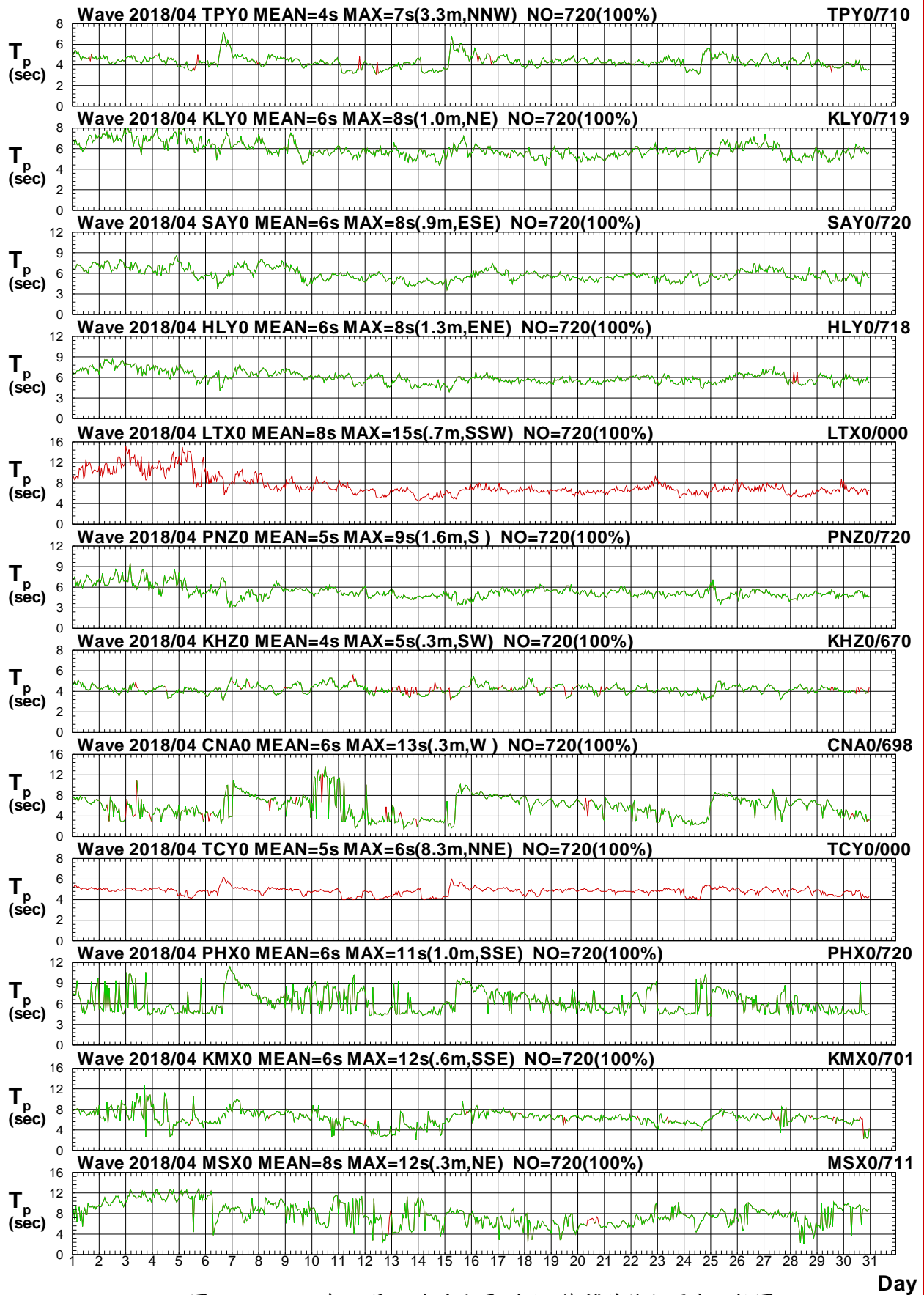


圖6.14 2018年4月12海域主要測站1修補前後之週期比較圖

V184TPY0.1HA V184TPY0.1HO V184KLY0.1HA V184KLY0.1HO V184SAY0.1HA V184SAY0.1HO
 V184HLY0.1HA V184HLY0.1HO V184LTX0.1HA V184LTX0.1HO V184PNZ0.1HA V184PNZ0.1HO

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Twelve Seas Wave Direction at 2018/04

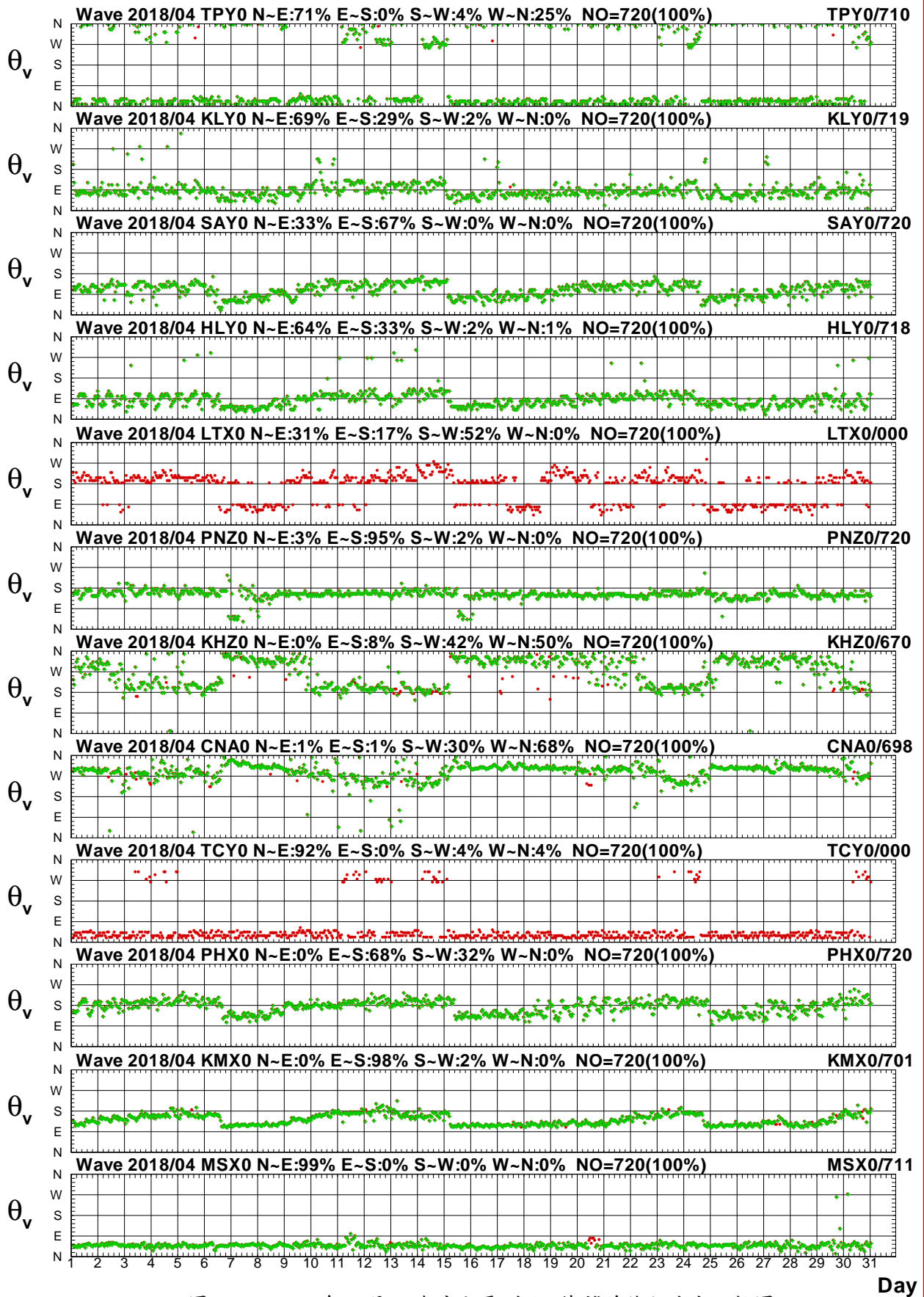


圖6.15 2018年4月12海域主要測站1修補前後之波向比較圖

V184TPY0.1HA V184TPY0.1HO V184KLY0.1HA V184KLY0.1HO V184SAY0.1HA V184SAY0.1HO
 V184HLY0.1HA V184HLY0.1HO V184LTX0.1HA V184LTX0.1HO V184PNZ0.1HA V184PNZ0.1HO

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Twelve Seas Wave H_s at 2018/05

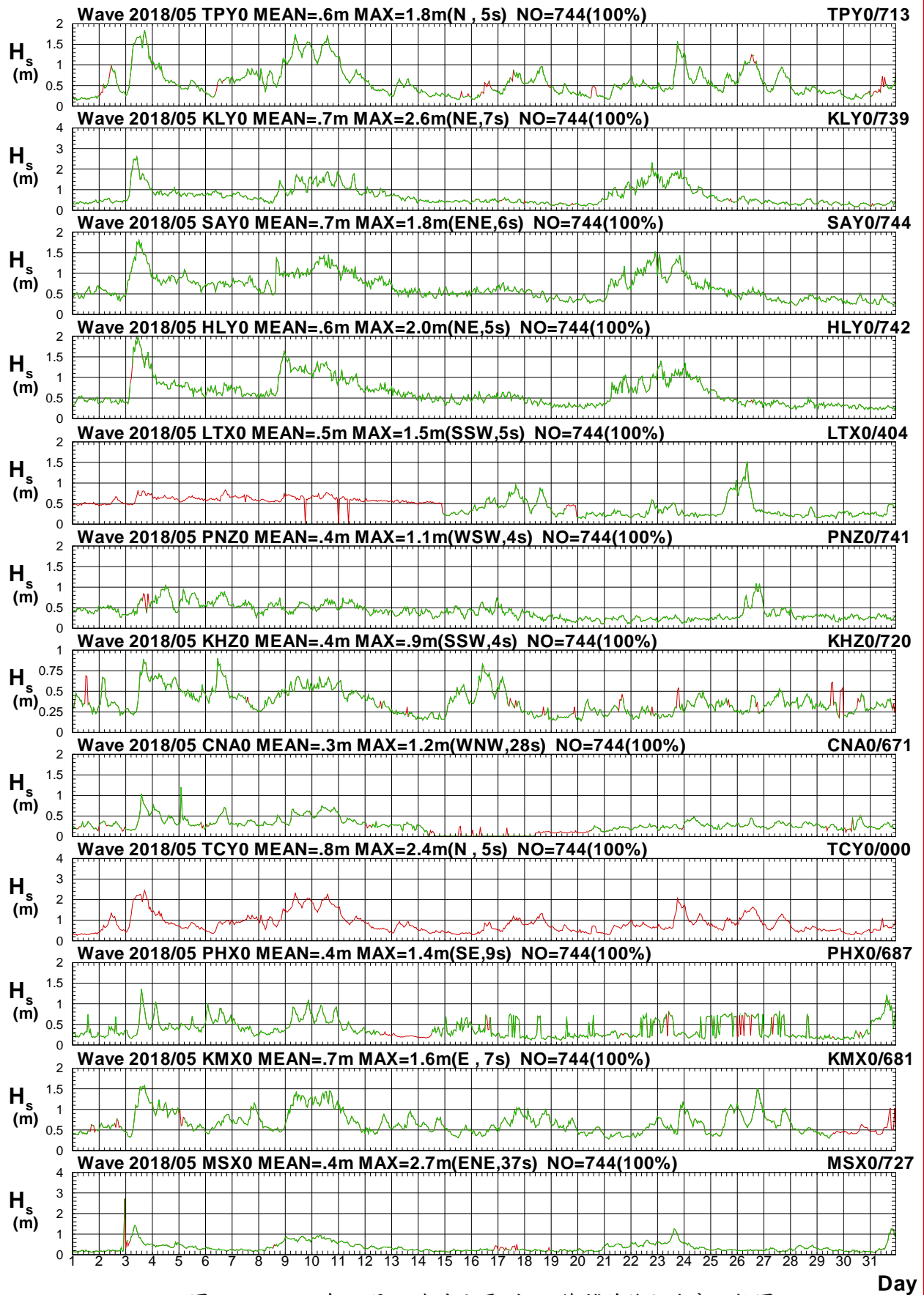


圖6.16 2018年5月12海域主要測站1修補前後之波高比較圖

V185TPY0.1HA V185TPY0.1HO V185KLY0.1HA V185KLY0.1HO V185SAY0.1HA V185SAY0.1HO
 V185HLY0.1HA V185HLY0.1HO V185LTX0.1HA V185LTX0.1HO V185PNZ0.1HA V185PNZ0.1HO

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Twelve Seas Wave T_p at 2018/05

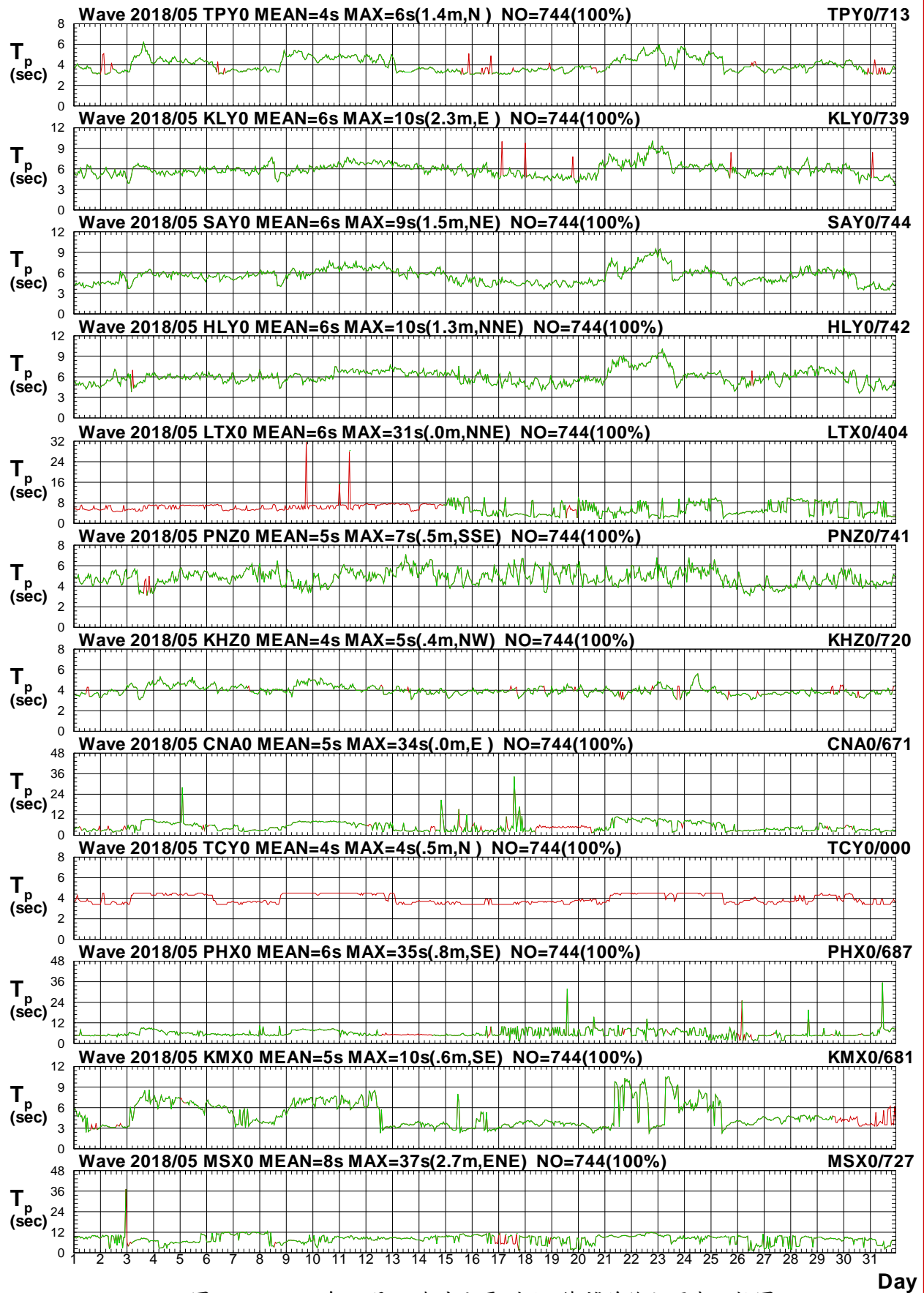


圖6.17 2018年5月12海域主要測站1修補前後之週期比較圖

V185TPY0.1HA V185TPY0.1HO V185KLY0.1HA V185KLY0.1HO V185SAY0.1HA V185SAY0.1HO
 V185HLY0.1HA V185HLY0.1HO V185LTX0.1HA V185LTX0.1HO V185PNZ0.1HA V185PNZ0.1HO

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Twelve Seas Wave Direction at 2018/05

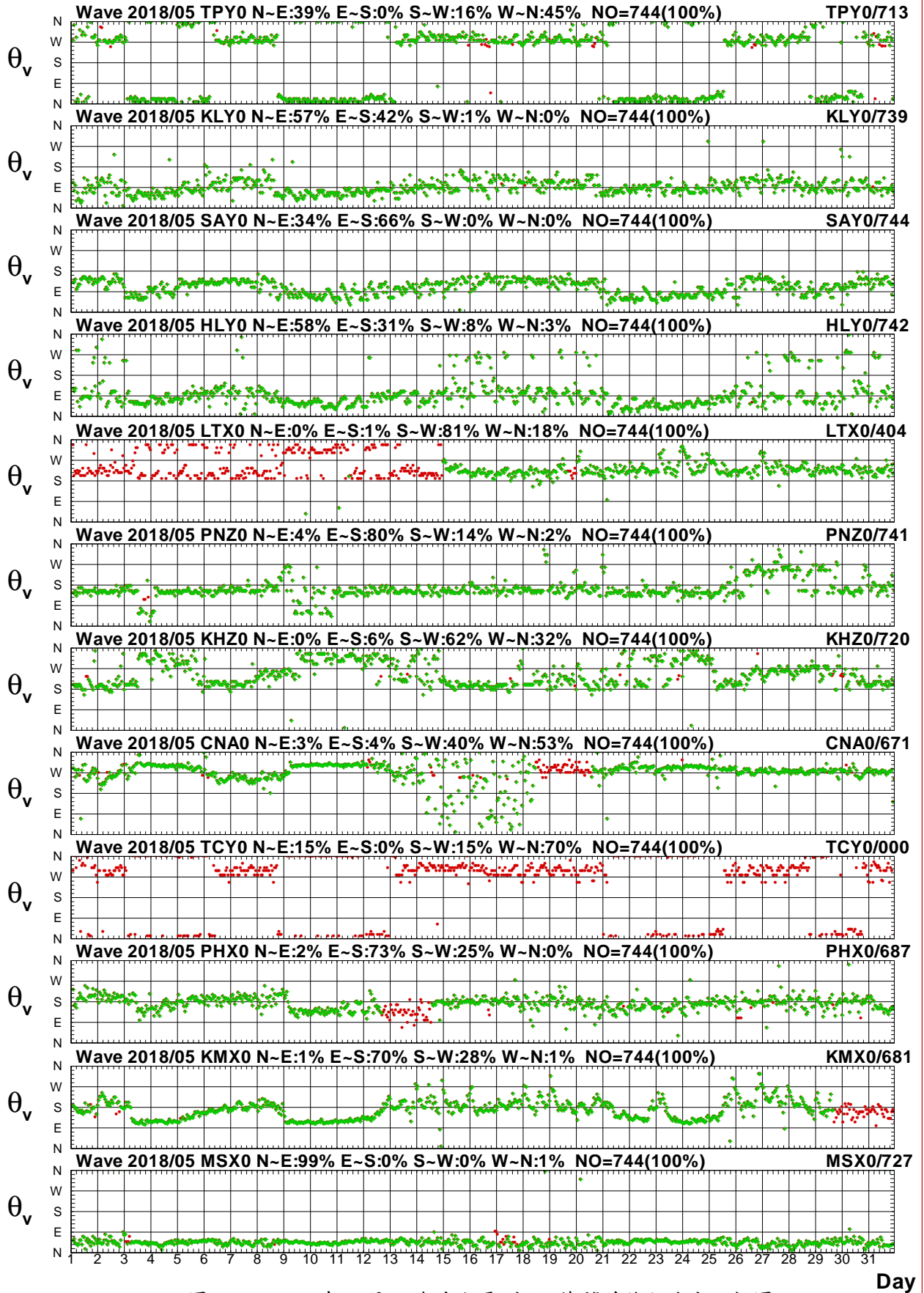


圖6.18 2018年5月12海域主要測站1修補前後之波向比較圖

V185TPY0.1HA V185TPY0.1HO V185KLY0.1HA V185KLY0.1HO V185SAY0.1HA V185SAY0.1HO
 V185HLY0.1HA V185HLY0.1HO V185LTX0.1HA V185LTX0.1HO V185PNZ0.1HA V185PNZ0.1HO

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Twelve Seas Wave H_s at 2018/06

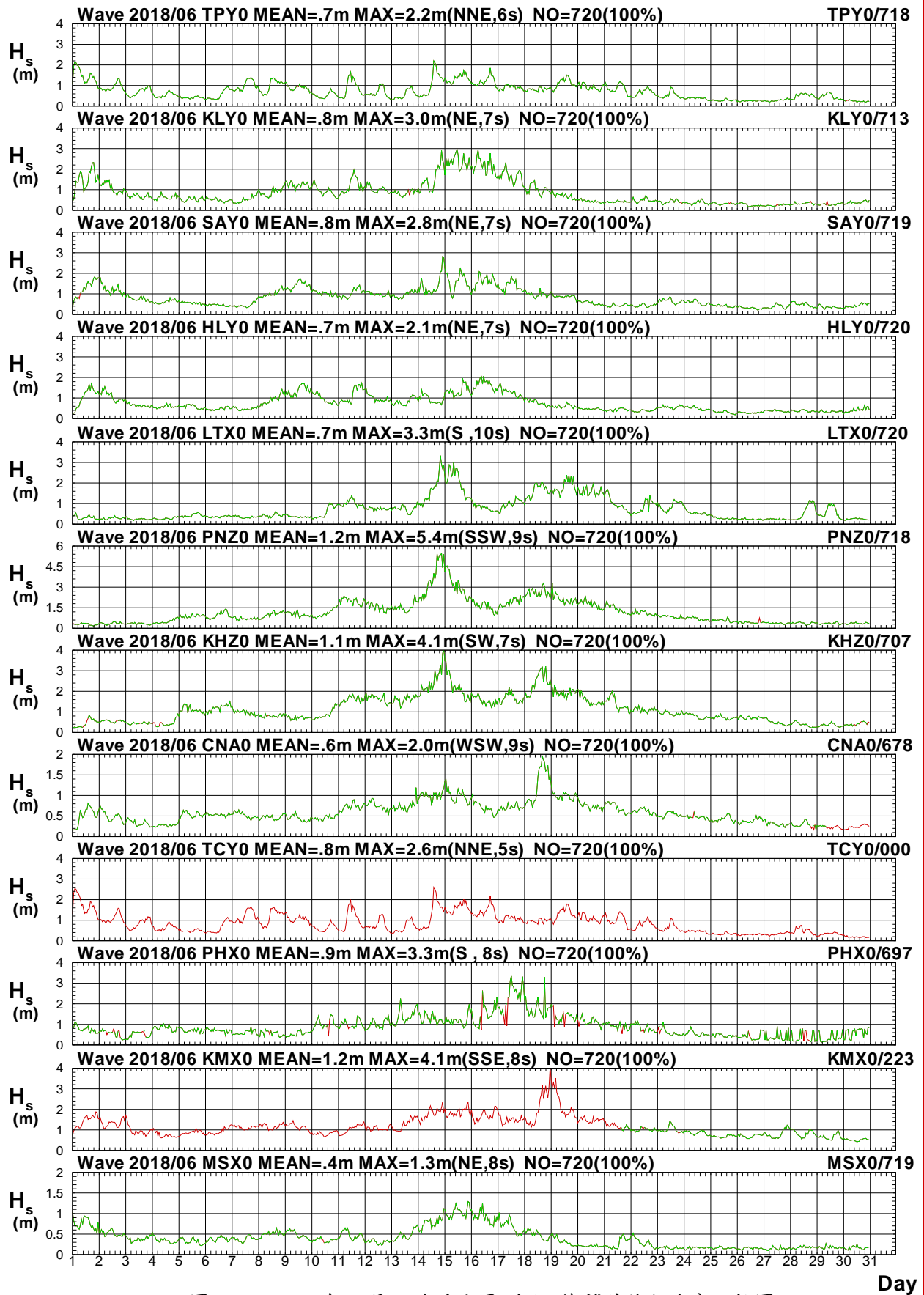


圖6.19 2018年6月12海域主要測站1修補前後之波高比較圖

V186TPY0.1HA V186TPY0.1HO V186KLY0.1HA V186KLY0.1HO V186SAY0.1HA V186SAY0.1HO
 V186HLY0.1HA V186HLY0.1HO V186LTX0.1HA V186LTX0.1HO V186PNZ0.1HA V186PNZ0.1HO

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Twelve Seas Wave T_p at 2018/06

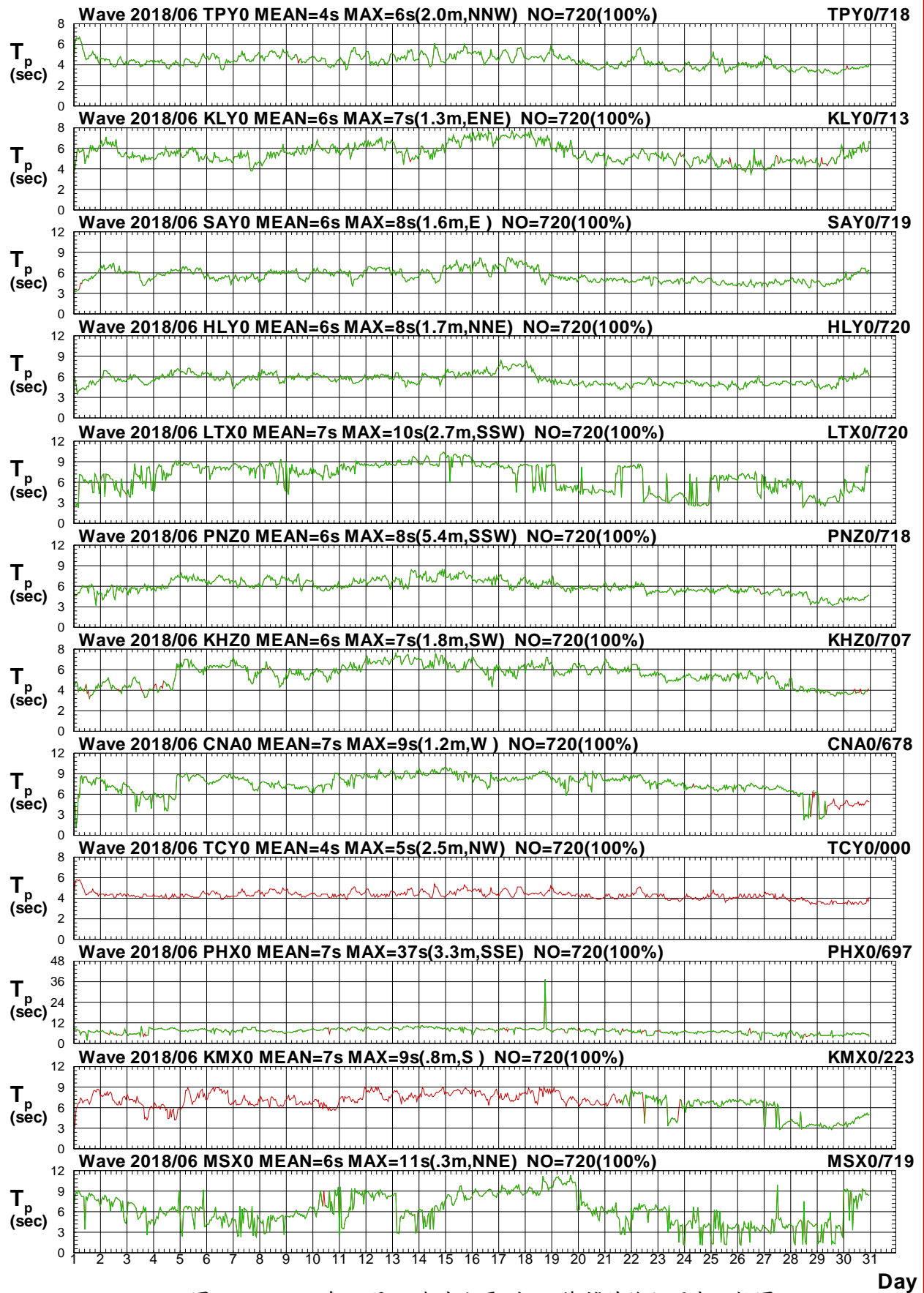


圖6.20 2018年6月12海域主要測站1修補前後之週期比較圖

V186TPY0.1HA V186TPY0.1HO V186KLY0.1HA V186KLY0.1HO V186SAY0.1HA V186SAY0.1HO
 V186HLY0.1HA V186HLY0.1HO V186LTX0.1HA V186LTX0.1HO V186PNZ0.1HA V186PNZ0.1HO

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Twelve Seas Wave Direction at 2018/06

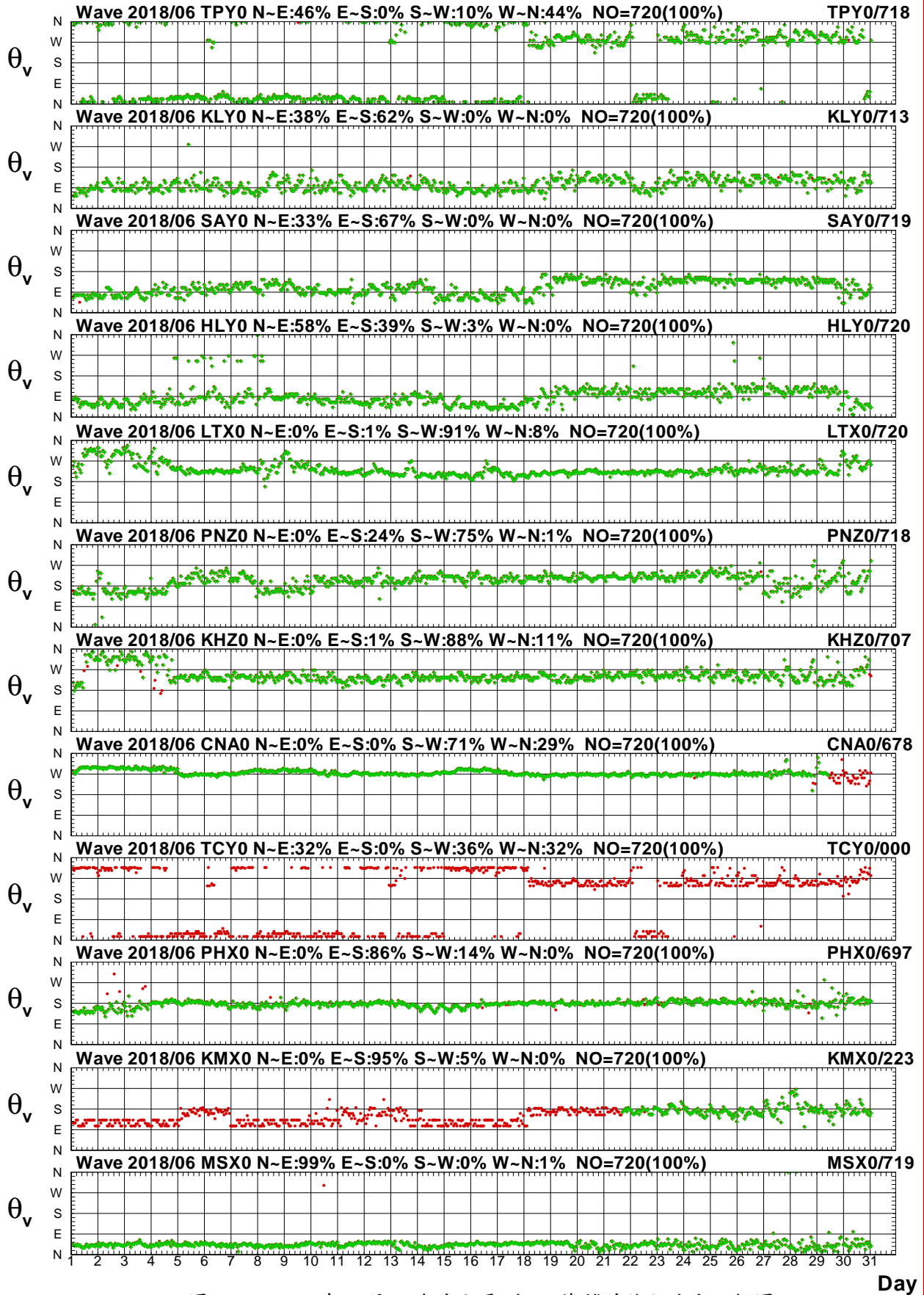


圖6.21 2018年6月12海域主要測站1修補前後之波向比較圖

V186TPY0.1HA V186TPY0.1H0 V186KLY0.1HA V186KLY0.1H0 V186SAY0.1HA V186SAY0.1H0
 V186HLY0.1HA V186HLY0.1H0 V186LTX0.1HA V186LTX0.1H0 V186PNZ0.1HA V186PNZ0.1H0

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Twelve Seas Wave H_s at 2018/07

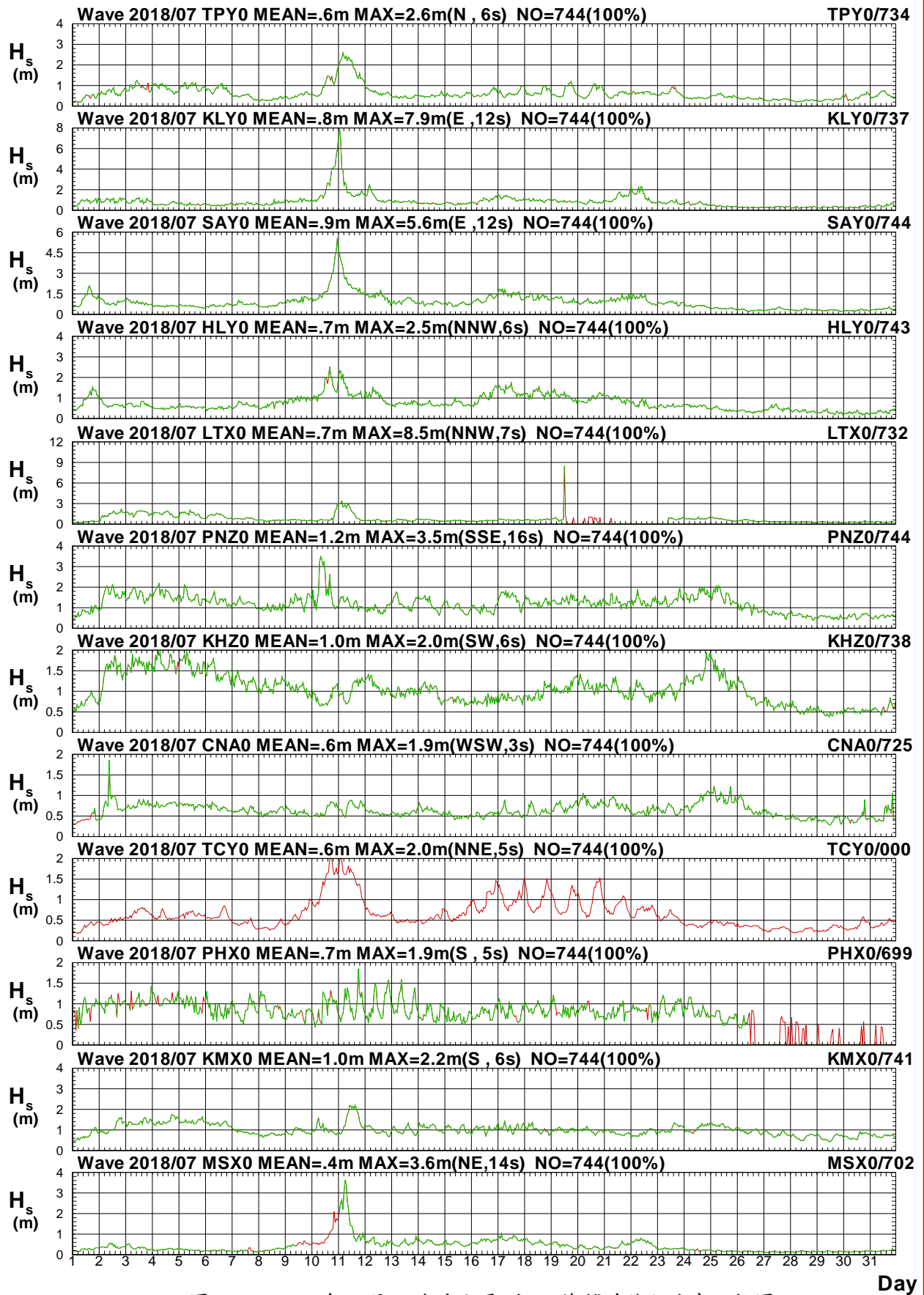


圖6.22 2018年7月12海域主要測站1修補前後之波高比較圖

V187TPY0.1HA V187TPY0.1HO V187KLY0.1HA V187KLY0.1HO V187SAY0.1HA V187SAY0.1HO
 V187HLY0.1HA V187HLY0.1HO V187LTX0.1HA V187LTX0.1HO V187PNZ0.1HA V187PNZ0.1HO

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Twelve Seas Wave T_p at 2018/07

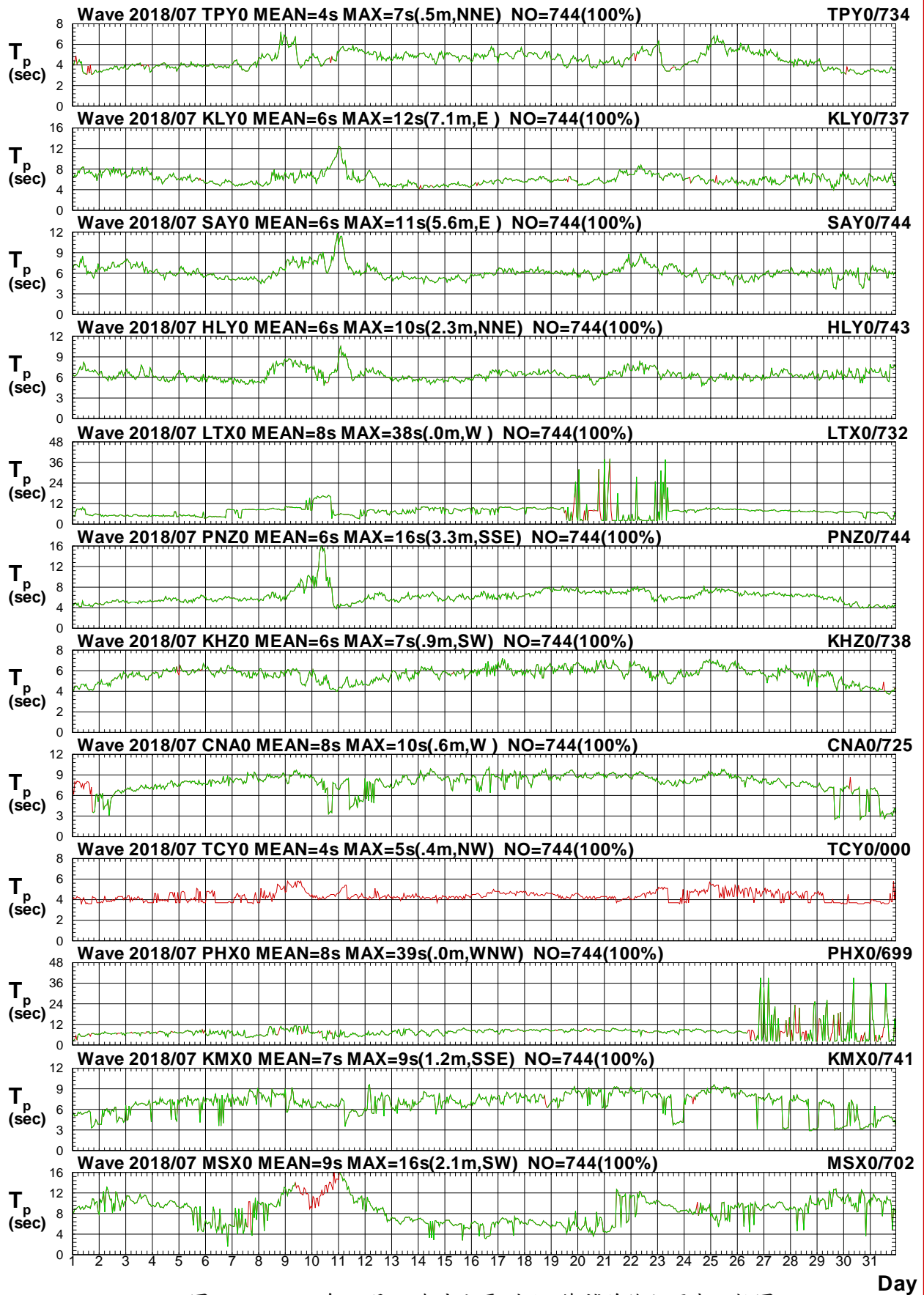


圖6.23 2018年7月12海域主要測站1修補前後之週期比較圖

V187TPY0.1HA V187TPY0.1HO V187KLY0.1HA V187KLY0.1HO V187SAY0.1HA V187SAY0.1HO
 V187HLY0.1HA V187HLY0.1HO V187LTX0.1HA V187LTX0.1HO V187PNZ0.1HA V187PNZ0.1HO

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Twelve Seas Wave Direction at 2018/07

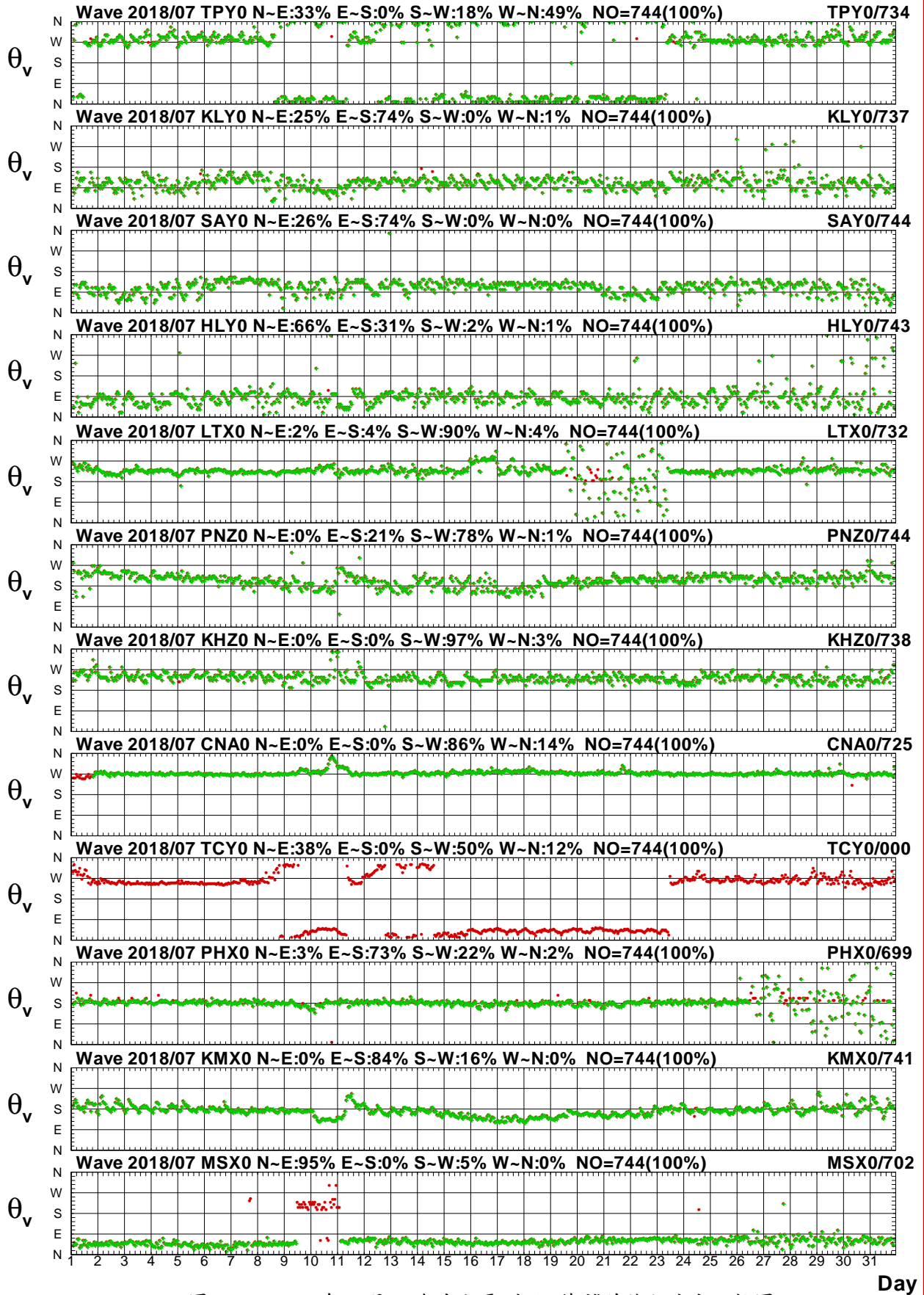


圖6.24 2018年7月12海域主要測站1修補前後之波向比較圖

V187TPY0.1HA V187TPY0.1HO V187KLY0.1HA V187KLY0.1HO V187SAY0.1HA V187SAY0.1HO
 V187HLY0.1HA V187HLY0.1HO V187LTX0.1HA V187LTX0.1HO V187PNZ0.1HA V187PNZ0.1HO

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Twelve Seas Wave H_s at 2018/08

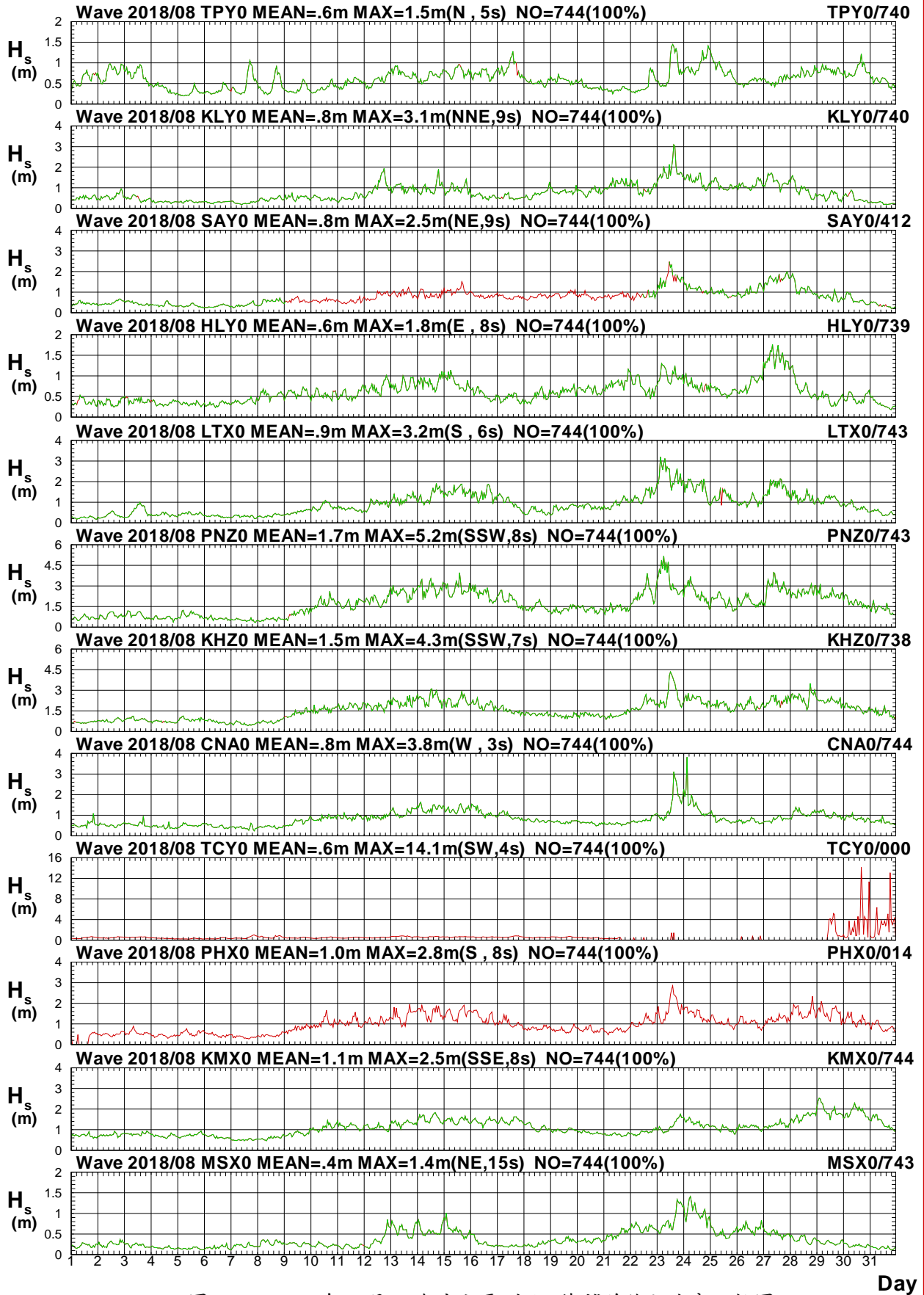


圖6.25 2018年8月12海域主要測站1修補前後之波高比較圖

V188TPY0.1HA V188TPY0.1HO V188KLY0.1HA V188KLY0.1HO V188SAY0.1HA V188SAY0.1HO
 V188HLY0.1HA V188HLY0.1HO V188LTX0.1HA V188LTX0.1HO V188PNZ0.1HA V188PNZ0.1HO

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Twelve Seas Wave T_p at 2018/08

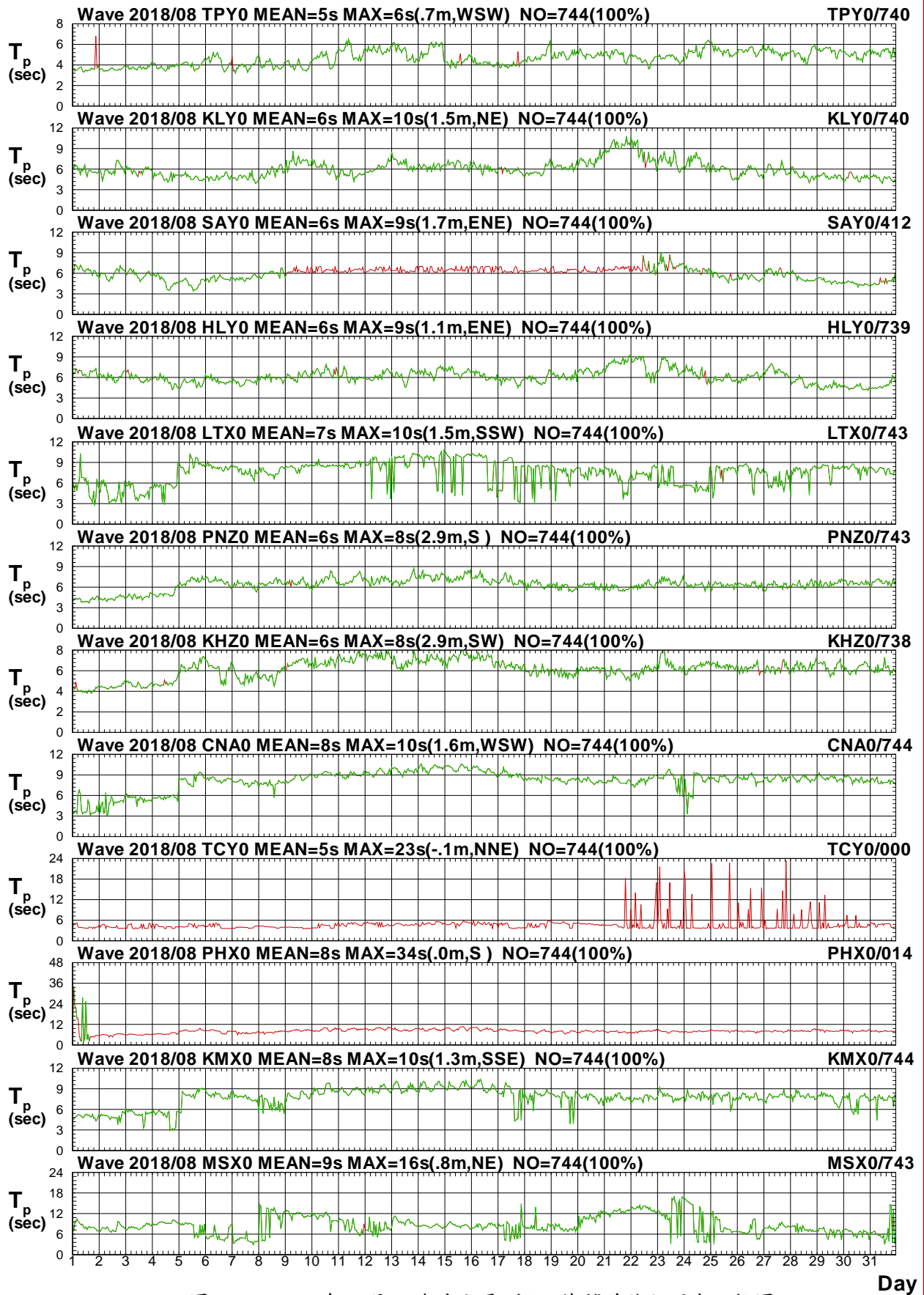


圖6.26 2018年8月12海域主要測站1修補前後之週期比較圖

V188TPY0.1HA V188TPY0.1HO V188KLY0.1HA V188KLY0.1HO V188SAY0.1HA V188SAY0.1HO
 V188HLY0.1HA V188HLY0.1HO V188LTX0.1HA V188LTX0.1HO V188PNZ0.1HA V188PNZ0.1HO

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Twelve Seas Wave Direction at 2018/08

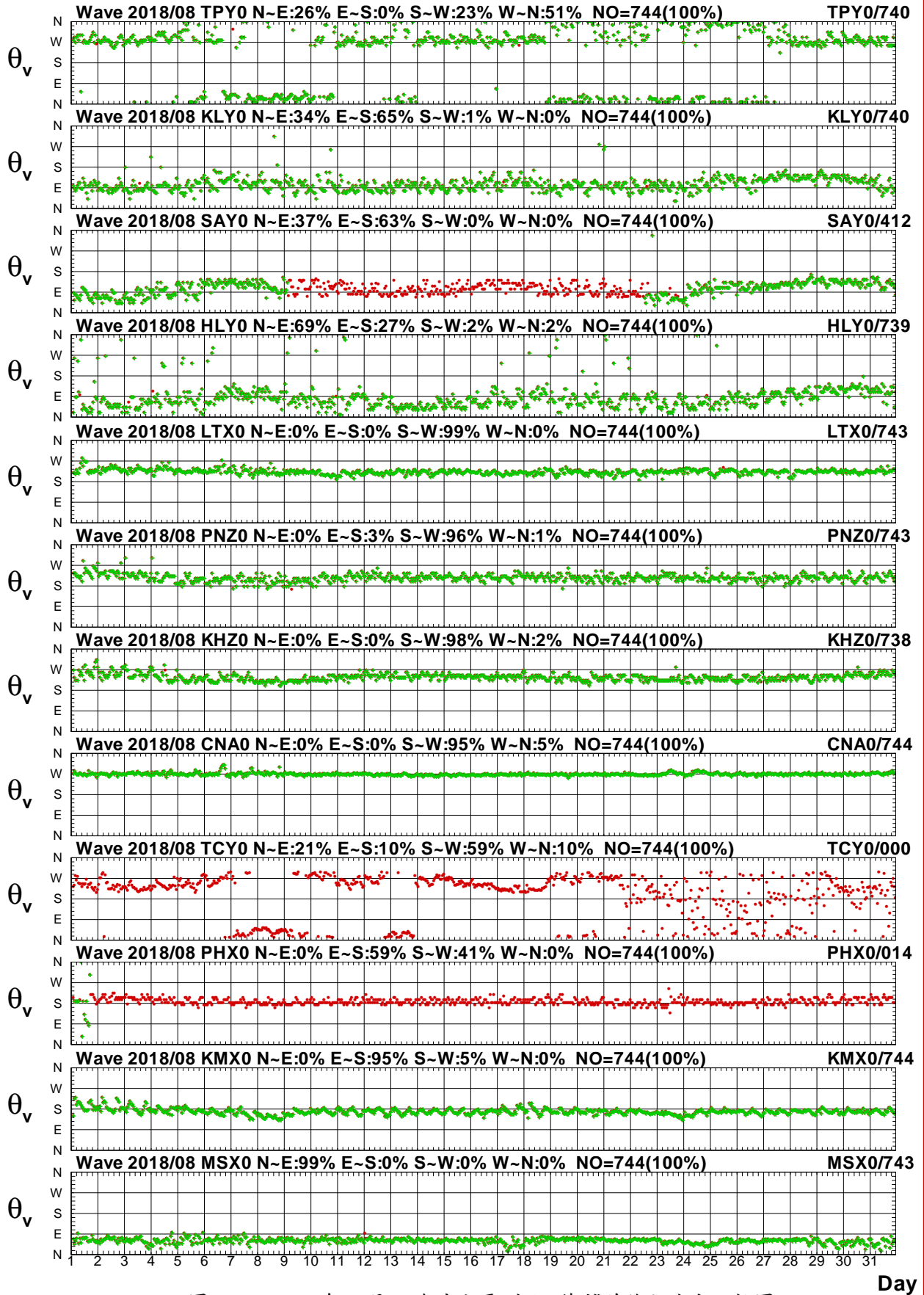


圖6.27 2018年8月12海域主要測站1修補前後之波向比較圖

V188TPY0.1HA V188TPY0.1HO V188KLY0.1HA V188KLY0.1HO V188SAY0.1HA V188SAY0.1HO
 V188HLY0.1HA V188HLY0.1HO V188LTX0.1HA V188LTX0.1HO V188PNZ0.1HA V188PNZ0.1HO

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Twelve Seas Wave H_s at 2018/09

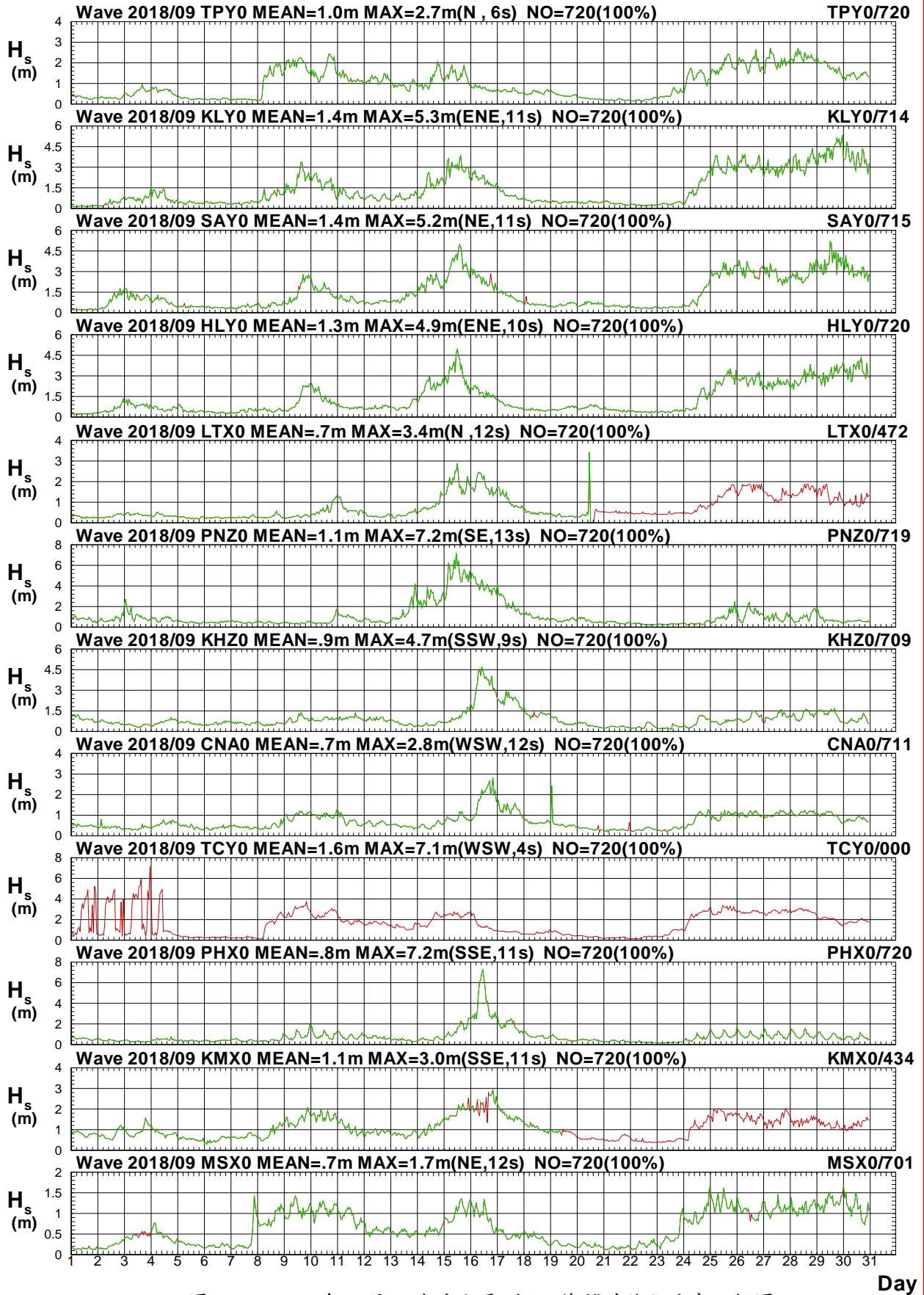


圖6.28 2018年9月12海域主要測站1修補前後之波高比較圖

V189TPY0.1HA V189TPY0.1HO V189KLY0.1HA V189KLY0.1HO V189SAY0.1HA V189SAY0.1HO
 V189HLY0.1HA V189HLY0.1HO V189LTX0.1HA V189LTX0.1HO V189PNZ0.1HA V189PNZ0.1HO

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Twelve Seas Wave T_p at 2018/09

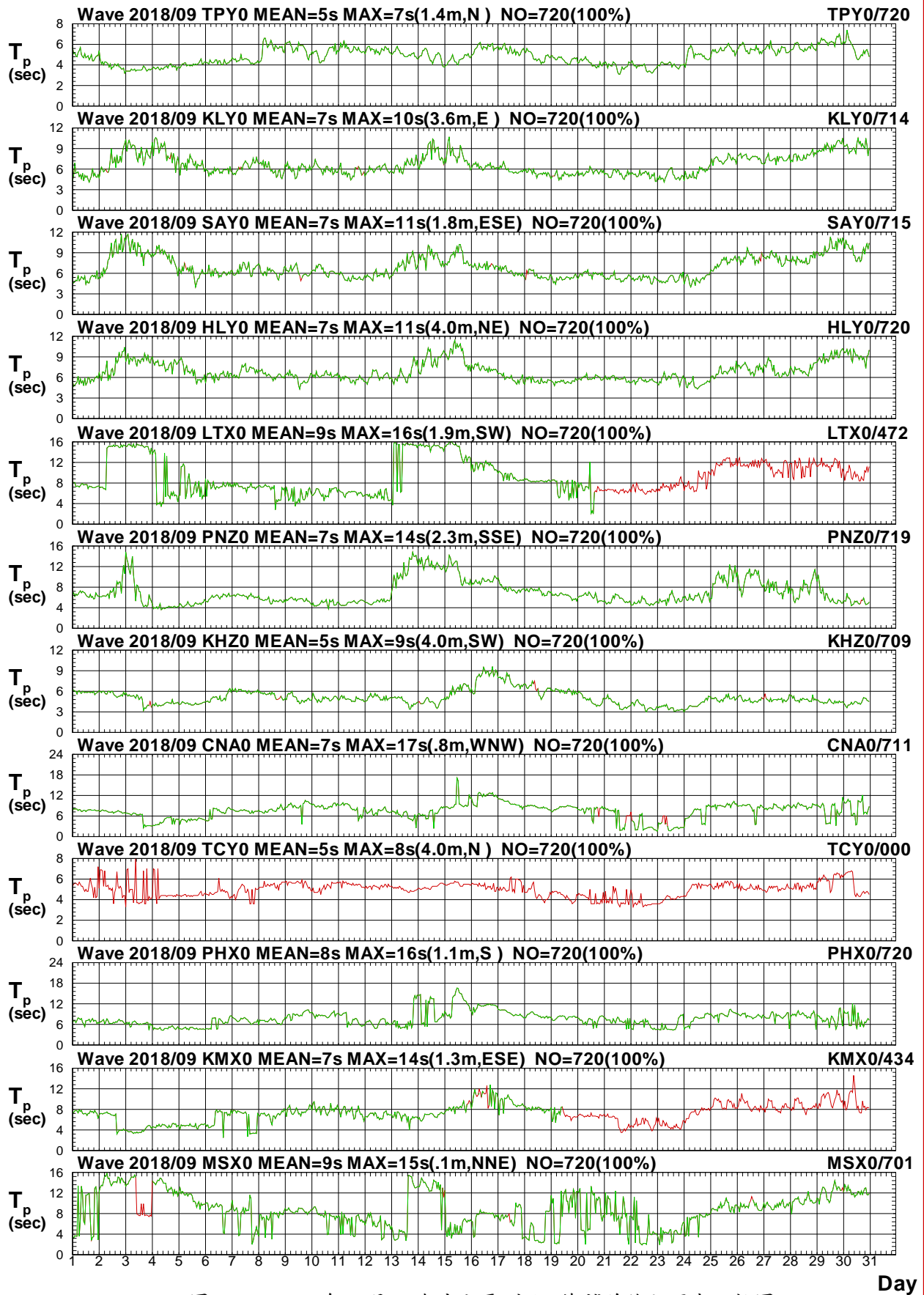


圖6.29 2018年9月12海域主要測站1修補前後之週期比較圖

V189TPY0.1HA V189TPY0.1HO V189KLY0.1HA V189KLY0.1HO V189SAY0.1HA V189SAY0.1HO
 V189HLY0.1HA V189HLY0.1HO V189LTX0.1HA V189LTX0.1HO V189PNZ0.1HA V189PNZ0.1HO

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Twelve Seas Wave Direction at 2018/09

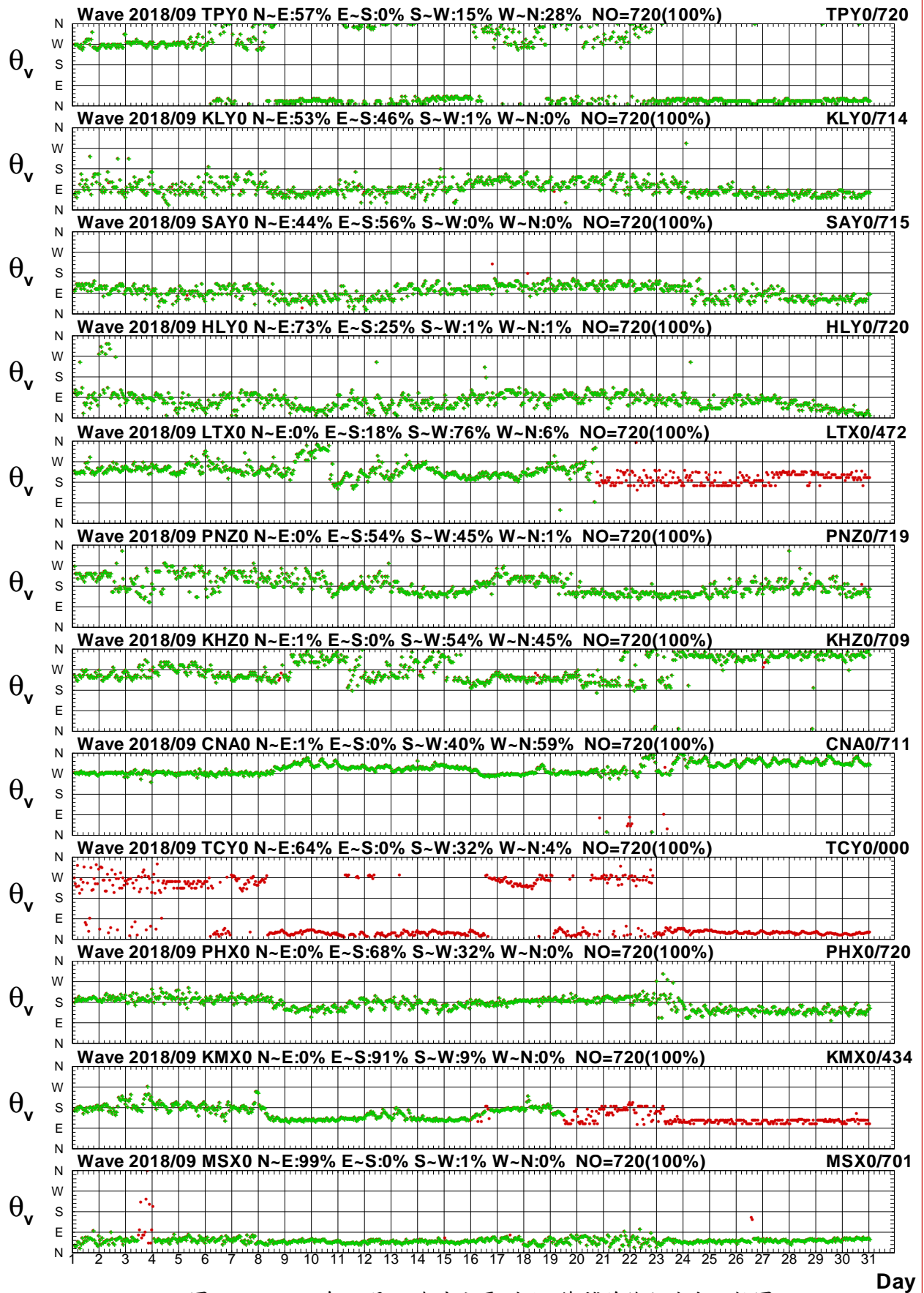


圖6.30 2018年9月12海域主要測站1修補前後之波向比較圖

V189TPY0.1HA V189TPY0.1HO V189KLY0.1HA V189KLY0.1HO V189SAY0.1HA V189SAY0.1HO
 V189HLY0.1HA V189HLY0.1HO V189LTX0.1HA V189LTX0.1HO V189PNZ0.1HA V189PNZ0.1HO

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Twelve Seas Wave H_s at 2018/10

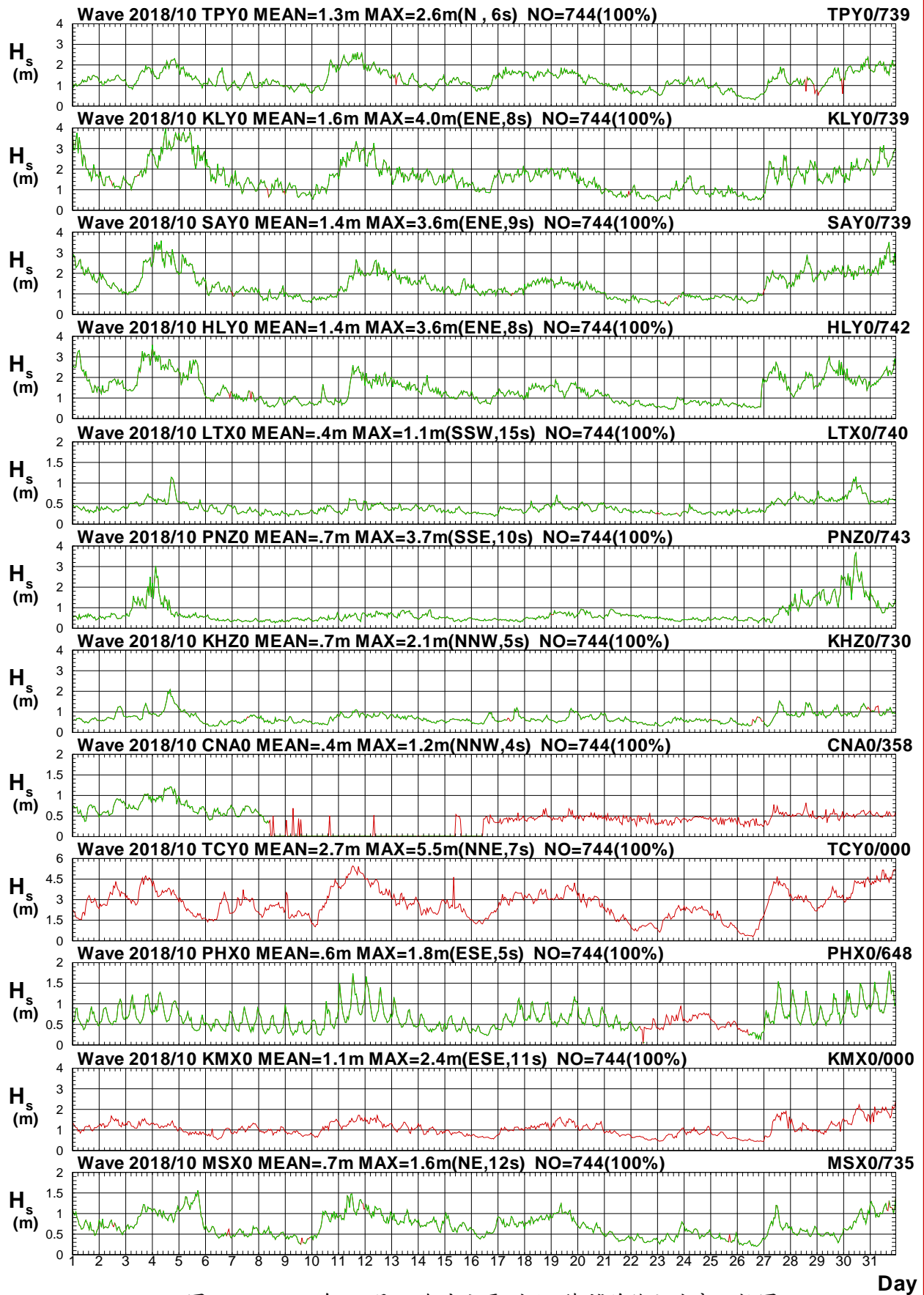


圖6.31 2018年10月12海域主要測站1修補前後之波高比較圖

V18ATPY0.1HA V18ATPY0.1H0 V18AKLY0.1HA V18AKLY0.1H0 V18ASAY0.1HA V18ASAY0.1H0
 V18AHL0.1HA V18AHL0.1H0 V18ALTX0.1HA V18ALTX0.1H0 V18APNZ0.1HA V18APNZ0.1H0

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Twelve Seas Wave T_p at 2018/10

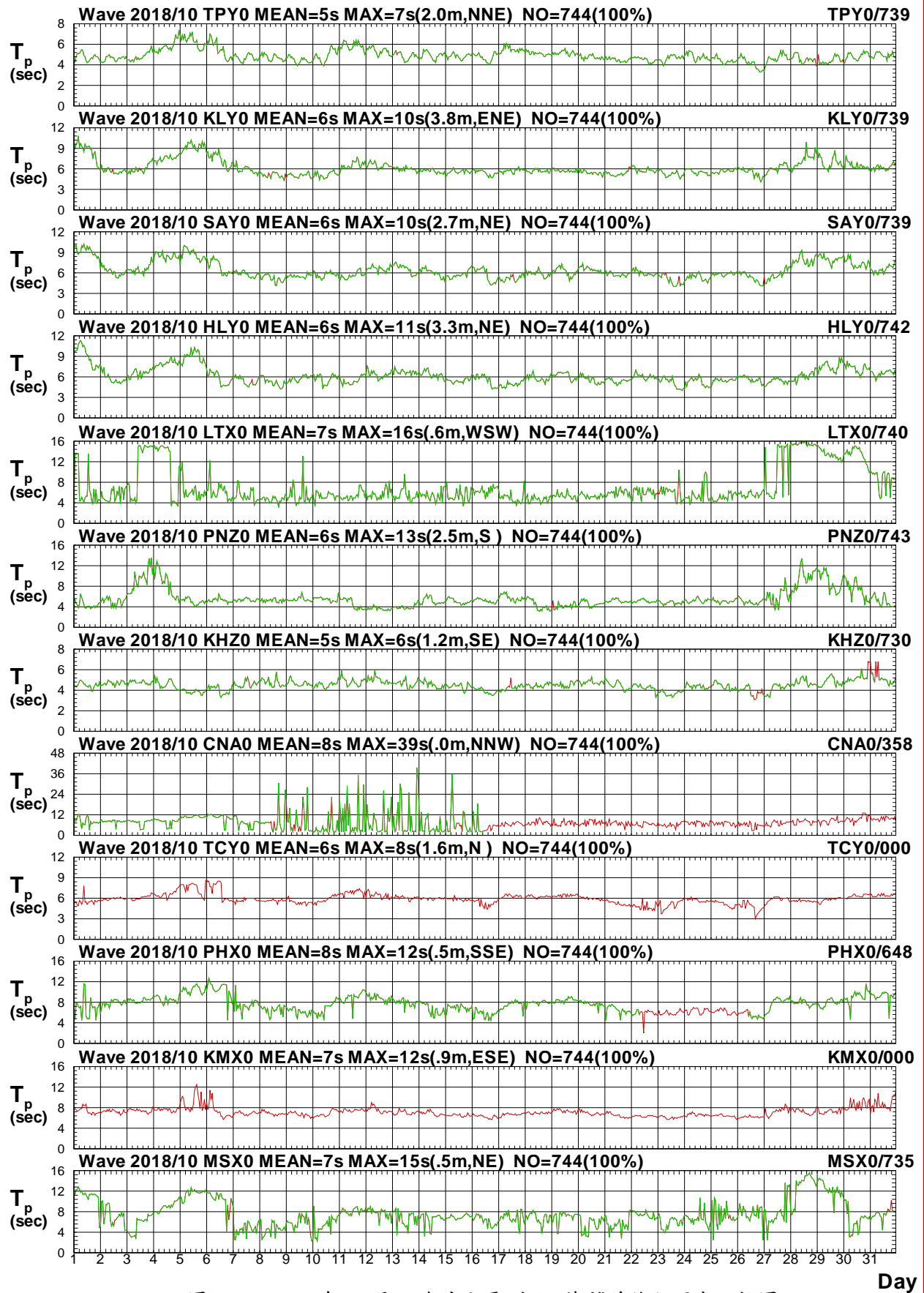


圖.6.32 2018年10月12海域主要測站1修補前後之週期比較圖

V18ATPY0.1HA V18ATPY0.1H0 V18AKLY0.1HA V18AKLY0.1H0 V18ASAY0.1HA V18ASAY0.1H0
 V18AHL0.1HA V18AHL0.1H0 V18ALTX0.1HA V18ALTX0.1H0 V18APNZ0.1HA V18APNZ0.1H0

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Twelve Seas Wave Direction at 2018/10

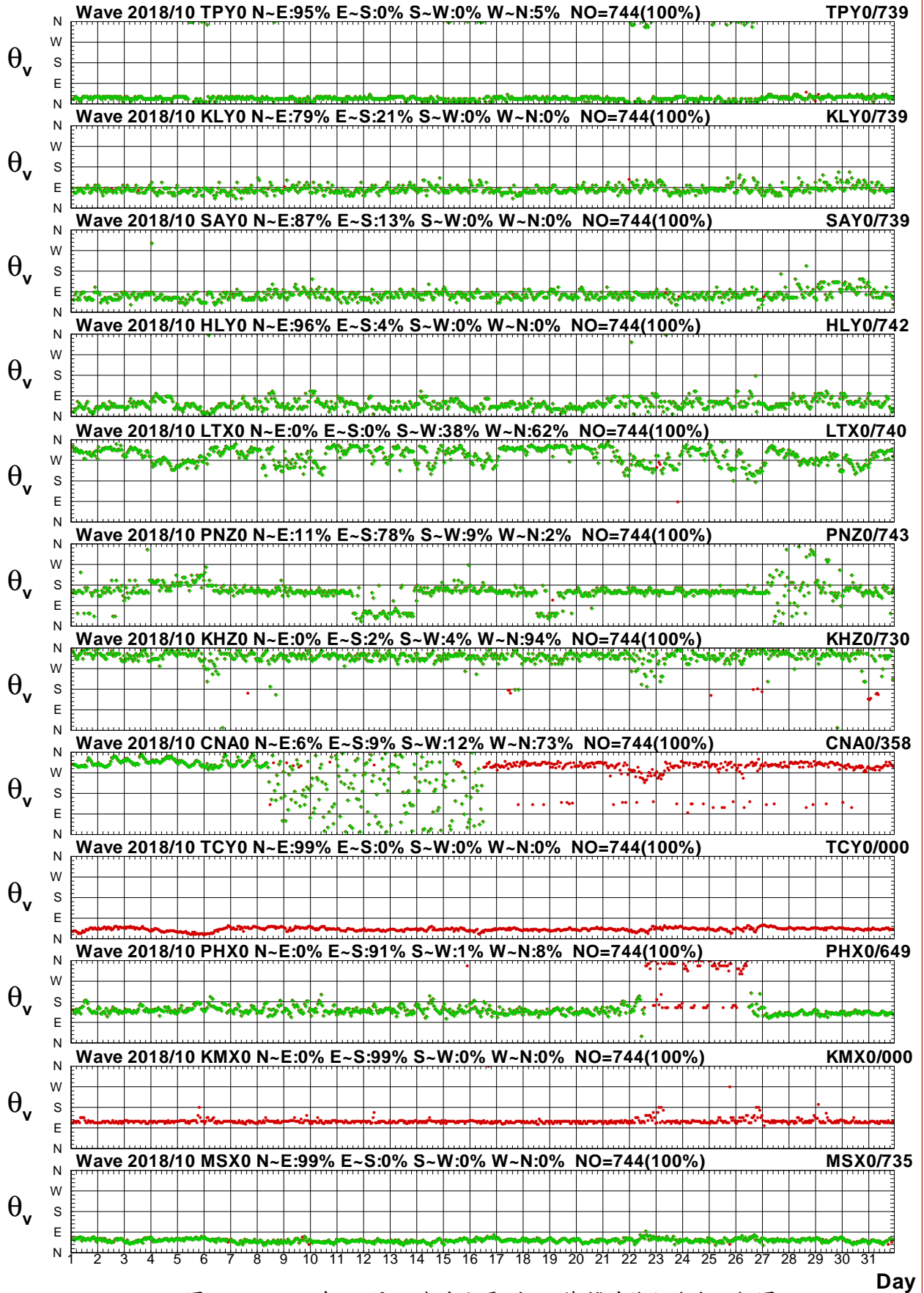


圖6.33 2018年10月12海域主要測站1修補前後之波向比較圖

V18ATPY0.1HA V18ATPY0.1H0 V18AKLY0.1HA V18AKLY0.1H0 V18ASAY0.1HA V18ASAY0.1H0
 V18AHLY0.1HA V18AHLY0.1H0 V18ALTX0.1HA V18ALTX0.1H0 V18APNZ0.1HA V18APNZ0.1H0

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Twelve Seas Wave H_s at 2018/11

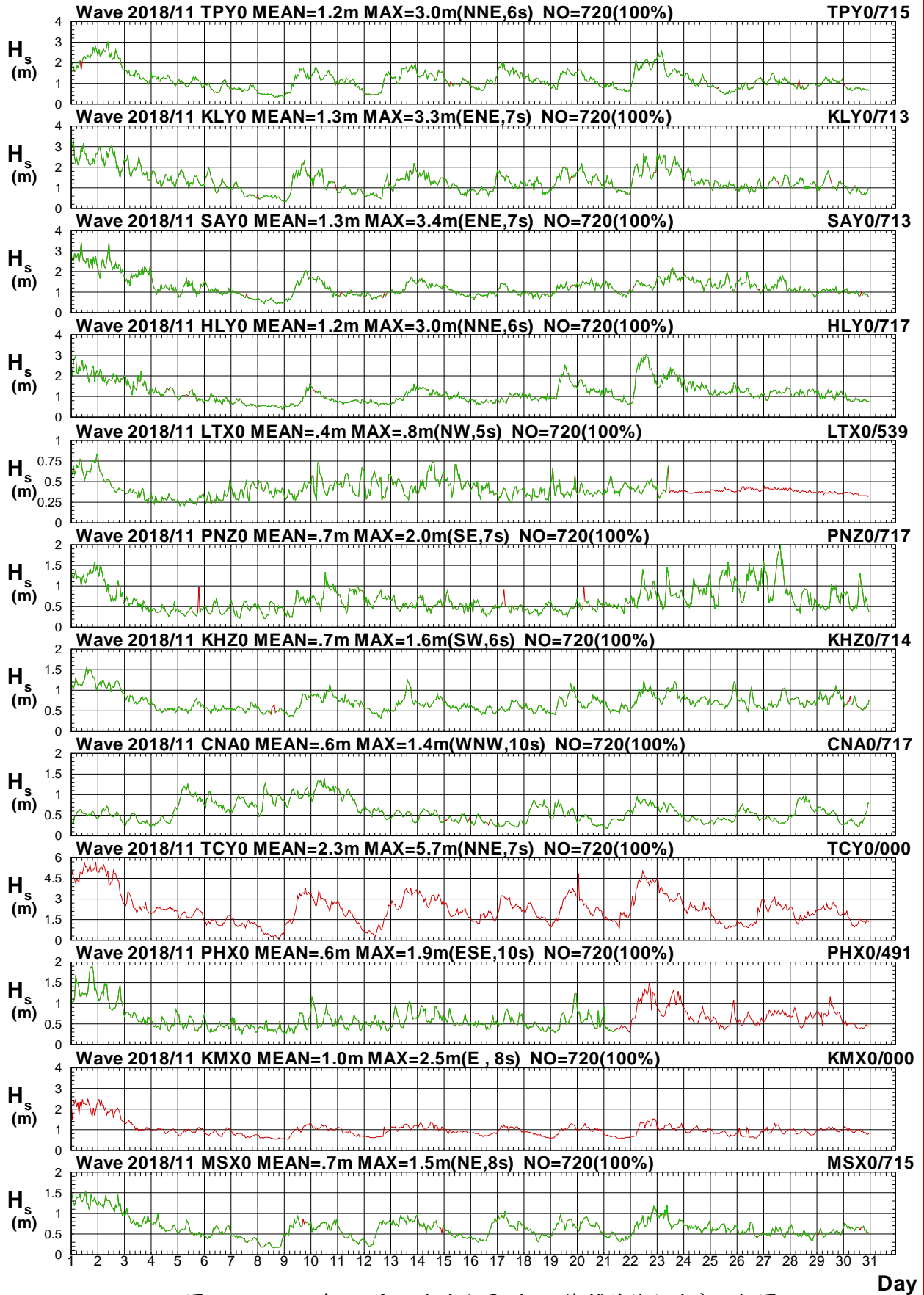


圖6.34 2018年11月12海域主要測站1修補前後之波高比較圖

V18BTPY0.1HA V18BTPY0.1H0 V18BKLY0.1HA V18BKLY0.1H0 V18BSAY0.1HA V18BSAY0.1H0
 V18BHLY0.1HA V18BHLY0.1H0 V18BLTX0.1HA V18BLTX0.1H0 V18BPNZ0.1HA V18BPNZ0.1H0

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Twelve Seas Wave T_p at 2018/11

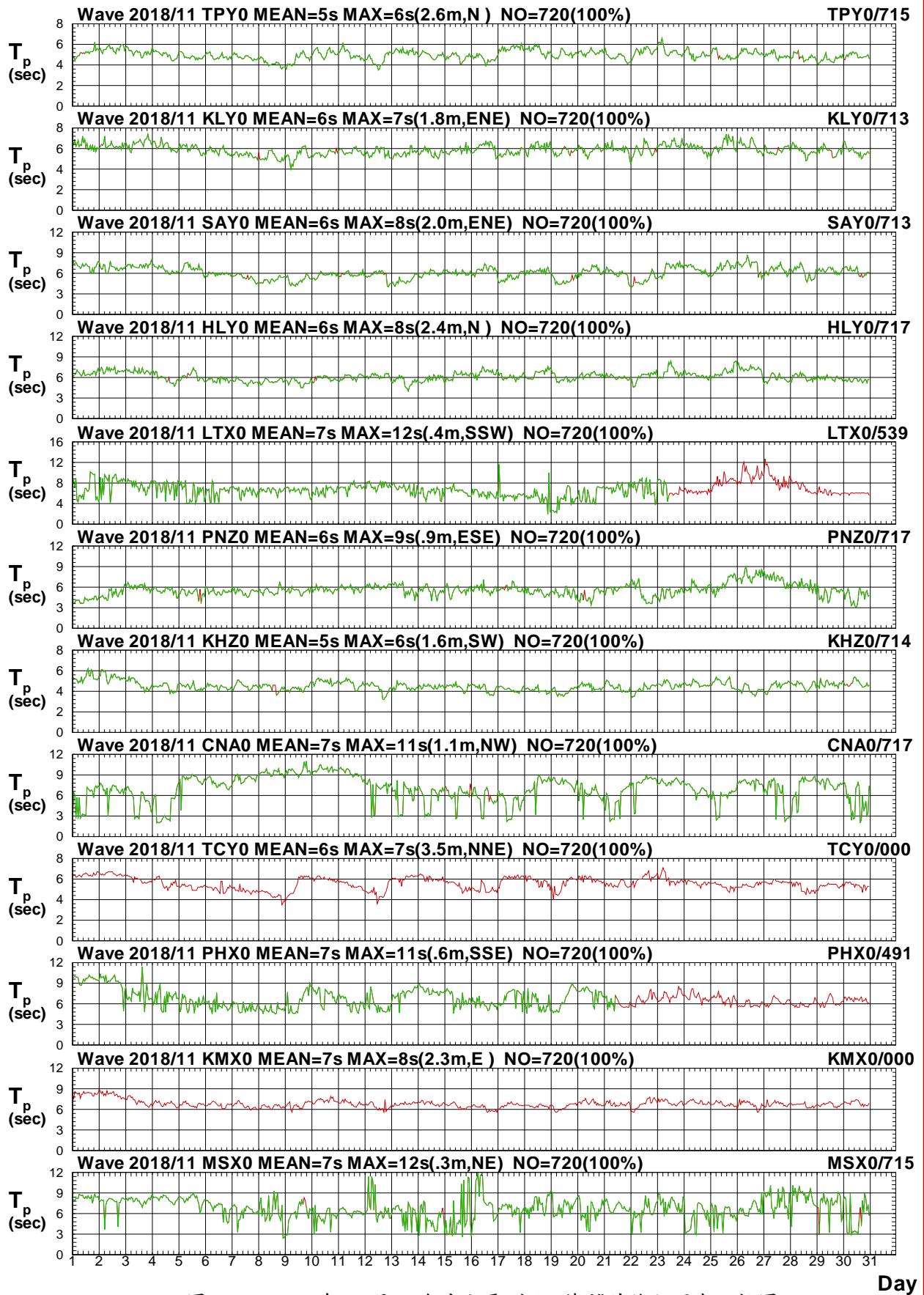


圖6.35 2018年11月12海域主要測站1修補前後之週期比較圖

V18BTPY0.1HA V18BTPY0.1H0 V18BKLY0.1HA V18BKLY0.1H0 V18BSAY0.1HA V18BSAY0.1H0
 V18BHLY0.1HA V18BHLY0.1H0 V18BLTX0.1HA V18BLTX0.1H0 V18BPNZ0.1HA V18BPNZ0.1H0

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Twelve Seas Wave Direction at 2018/11

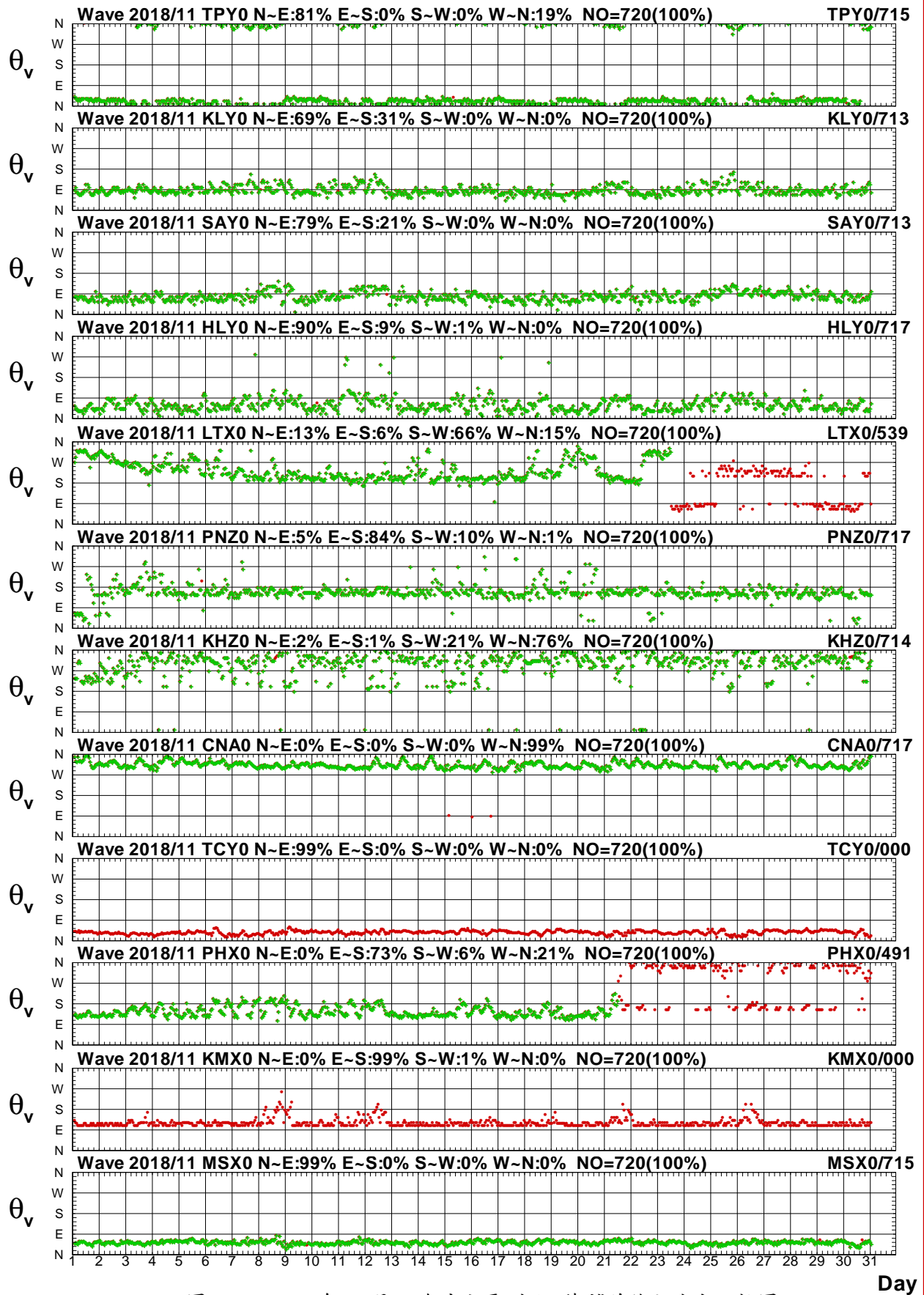


圖6.36 2018年11月12海域主要測站1修補前後之波向比較圖

V18BTPY0.1HA V18BTPY0.1H0 V18BKLY0.1HA V18BKLY0.1H0 V18BSAY0.1HA V18BSAY0.1H0
 V18BHLY0.1HA V18BHLY0.1H0 V18BLTX0.1HA V18BLTX0.1H0 V18BPNZ0.1HA V18BPNZ0.1H0

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第七章 2018 年 12 海域波浪**主要測站 2** 修補前後波高向量分佈圖

(北苗海域)

(北端海域)

(宜蘭海域)

(花蓮海域)

(臺東海域)

(屏東海域)

(高雄海域)

(嘉南海域)

(中雲海域)

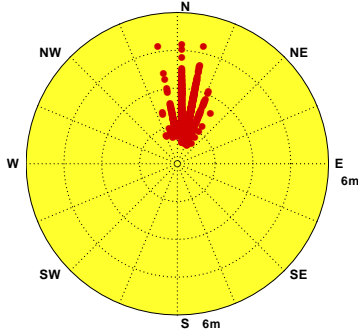
(澎湖海域)

(金門海域)

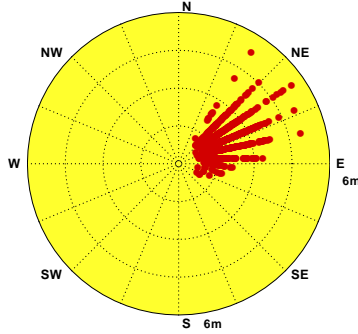
(馬祖海域)

Distribution of H_s Vectors

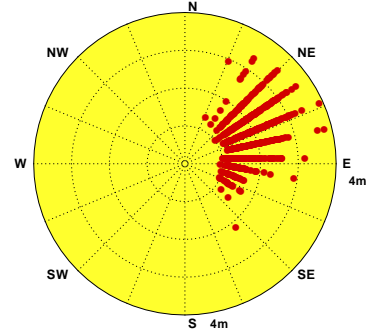
Wave of TPY0 at 2017/12 NO=740(99%)
 Hs : MEAN=1.9m MAX=4.5m(NNW,7s)
 N-E:87% E-S:0% S-W:0% W-N:13%



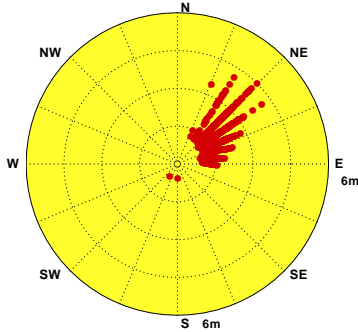
Wave of KLY0 at 2017/12 NO=744(100%)
 Hs : MEAN=1.9m MAX=5.2m(NE,8s)
 N-E:85% E-S:15% S-W:0% W-N:0%



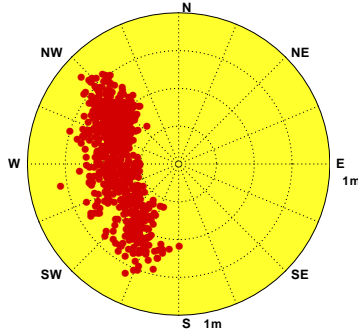
Wave of SAY0 at 2017/12 NO=744(100%)
 Hs : MEAN=1.7m MAX=3.7m(ENE,7s)
 N-E:74% E-S:26% S-W:0% W-N:0%



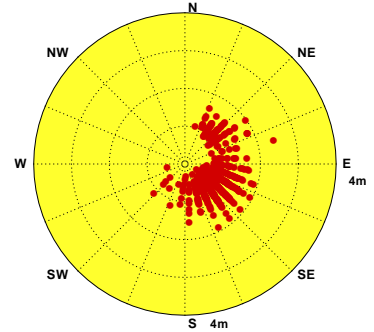
Wave of HLY0 at 2017/12 NO=739(99%)
 Hs : MEAN=1.7m MAX=4.2m(NE,7s)
 N-E:89% E-S:11% S-W:0% W-N:0%



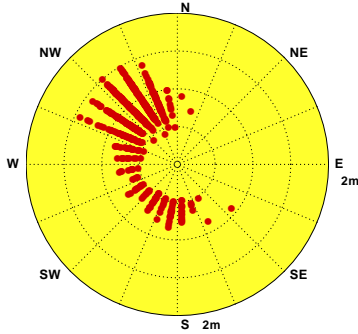
Wave of LTX0 at 2017/12 NO=744(100%)
 Hs : MEAN=.5m MAX=.9m(NW,7s)
 N-E:0% E-S:0% S-W:40% W-N:60%



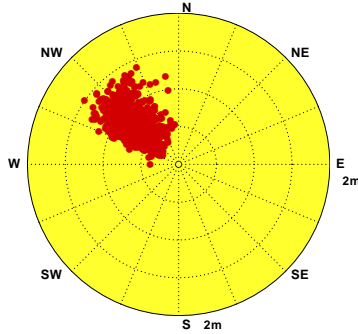
Wave of PNZ0 at 2017/12 NO=741(100%)
 Hs : MEAN=1.0m MAX=2.3m(ENE,5s)
 N-E:13% E-S:84% S-W:3% W-N:0%



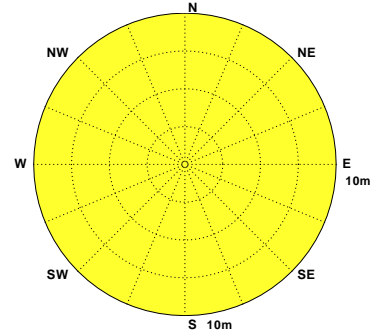
Wave of KHZ0 at 2017/12 NO=715(96%)
 Hs : MEAN=.9m MAX=1.5m(NW,5s)
 N-E:0% E-S:1% S-W:13% W-N:86%



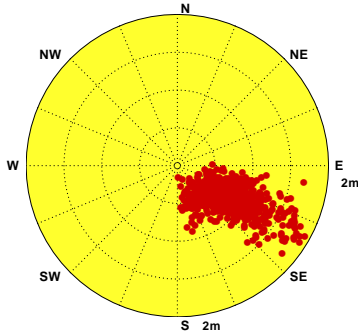
Wave of CNA0 at 2017/12 NO=743(100%)
 Hs : MEAN=.8m MAX=1.5m(WNW,10s)
 N-E:0% E-S:0% S-W:0% W-N:99%



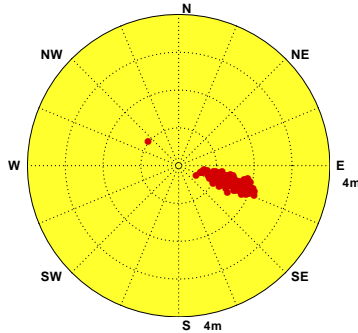
Wave of TCY0 at 2017/12



Wave of PHX0 at 2017/12 NO=744(100%)
 Hs : MEAN=.8m MAX=1.9m(ESE,9s)
 N-E:0% E-S:99% S-W:0% W-N:0%



Wave of KMX0 at 2017/12 NO=226(30%)
 Hs : MEAN=1.4m MAX=2.1m(ESE,9s)
 N-E:0% E-S:99% S-W:0% W-N:0%



Wave of MSX0 at 2017/12 NO=744(100%)
 Hs : MEAN=.7m MAX=1.4m(SW,7s)
 N-E:14% E-S:0% S-W:86% W-N:0%

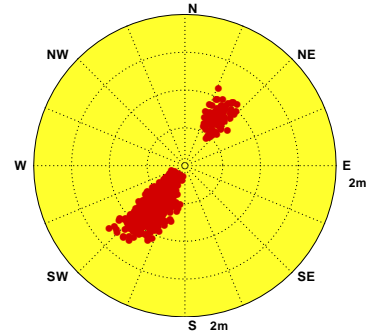


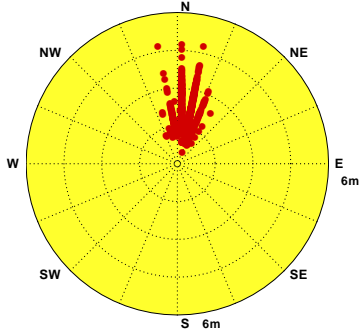
圖7.1a 2017年12月12海域主要測站2修補前波高向量分佈圖

V17CTPY0.1H0 V17CKLY0.1H0 V17CSAY0.1H0 V17CHLY0.1H0 V17CLTX0.1H0 V17CPNZ0.1H0
 V17CKHZ0.1H0 V17CCNA0.1H0 V17CTCY0.1H0 V17CPHX0.1H0 V17CKMX0.1H0 V17CMSX0.1H0

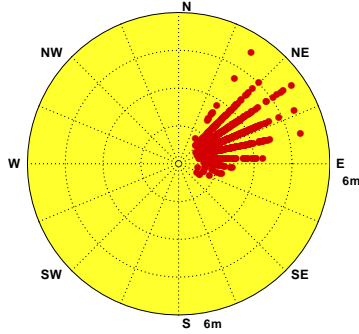
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Distribution of H_s Vectors

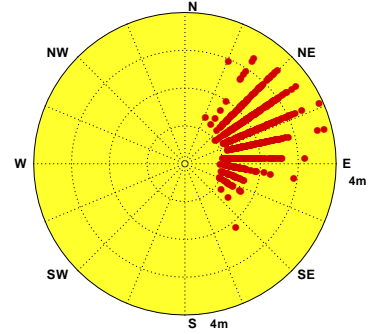
Wave of TPY0 at 2017/12 NO=744(100%)
 Hs : MEAN=1.9m MAX=4.5m(NNW,7s)
 N-E:87% E-S:0% S-W:0% W-N:13%



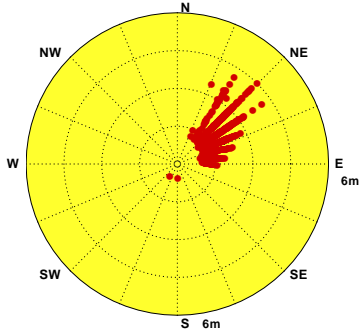
Wave of KLY0 at 2017/12 NO=744(100%)
 Hs : MEAN=1.9m MAX=5.2m(NE,8s)
 N-E:85% E-S:15% S-W:0% W-N:0%



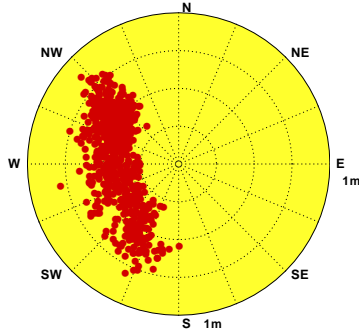
Wave of SAY0 at 2017/12 NO=744(100%)
 Hs : MEAN=1.7m MAX=3.7m(ENE,7s)
 N-E:74% E-S:26% S-W:0% W-N:0%



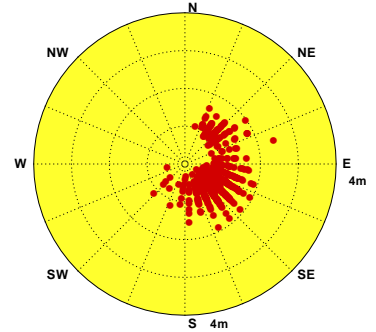
Wave of HLY0 at 2017/12 NO=744(100%)
 Hs : MEAN=1.7m MAX=4.2m(NE,7s)
 N-E:89% E-S:11% S-W:0% W-N:0%



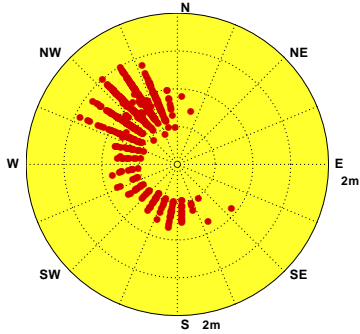
Wave of LTX0 at 2017/12 NO=744(100%)
 Hs : MEAN=.5m MAX=.9m(NW,7s)
 N-E:0% E-S:0% S-W:40% W-N:60%



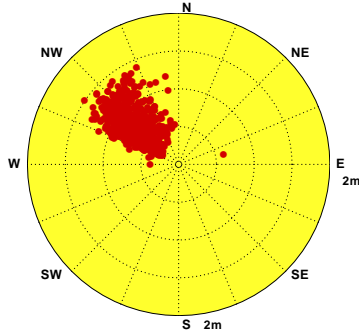
Wave of PNZ0 at 2017/12 NO=744(100%)
 Hs : MEAN=1.0m MAX=2.3m(ENE,5s)
 N-E:13% E-S:84% S-W:3% W-N:0%



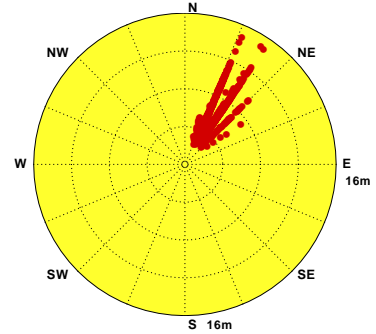
Wave of KHZ0 at 2017/12 NO=744(100%)
 Hs : MEAN=.9m MAX=1.5m(NW,5s)
 N-E:0% E-S:1% S-W:13% W-N:86%



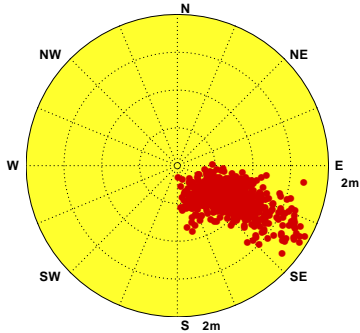
Wave of CNA0 at 2017/12 NO=744(100%)
 Hs : MEAN=.8m MAX=1.5m(WNW,10s)
 N-E:0% E-S:0% S-W:0% W-N:99%



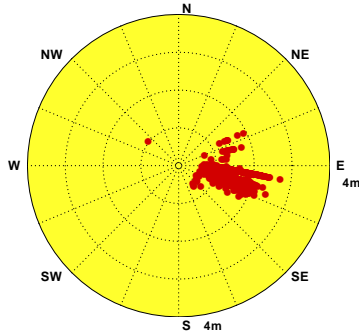
Wave of TCY0 at 2017/12 NO=744(100%)
 Hs : MEAN=5.7m MAX=14.1m(NNE,9s)
 N-E:99% E-S:0% S-W:0% W-N:0%



Wave of PHX0 at 2017/12 NO=744(100%)
 Hs : MEAN=.8m MAX=1.9m(ESE,9s)
 N-E:0% E-S:99% S-W:0% W-N:0%



Wave of KMX0 at 2017/12 NO=744(100%)
 Hs : MEAN=1.3m MAX=2.6m(ESE,8s)
 N-E:3% E-S:97% S-W:0% W-N:0%



Wave of MSX0 at 2017/12 NO=744(100%)
 Hs : MEAN=.7m MAX=1.4m(SW,7s)
 N-E:14% E-S:0% S-W:86% W-N:0%

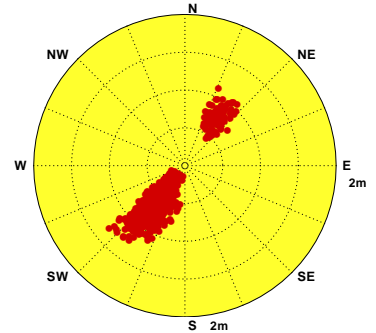


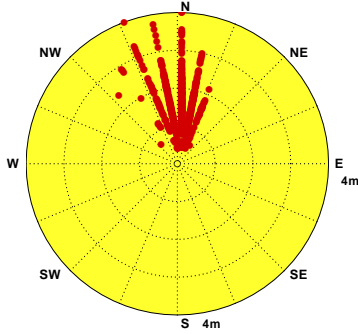
圖7.1b 2017年12月12海域主要測站2修補後波高向量分佈圖

V17CTPY0.1HA V17CKLY0.1HA V17CSAY0.1HA V17CHLY0.1HA V17CLTX0.1HA V17CPNZ0.1HA
 V17CKHZ0.1HA V17CCNA0.1HA V17CTCY0.1HA V17CPHX0.1HA V17CKMX0.1HA V17CMSX0.1HA

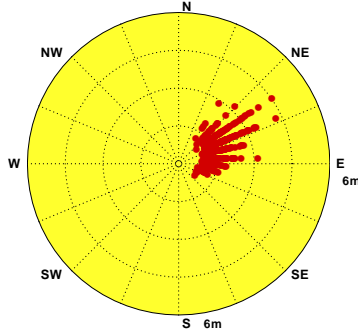
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Distribution of H_s Vectors

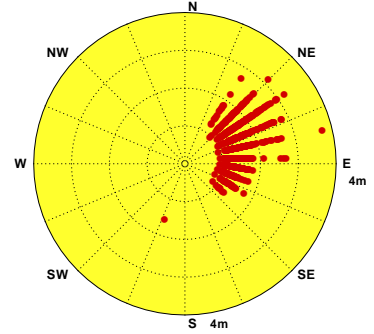
Wave of TPY0 at 2018/01 NO=729(98%)
 Hs : MEAN=1.5m MAX=3.9m(NNW,7s)
 N-E:71% E-S:0% S-W:0% W-N:29%



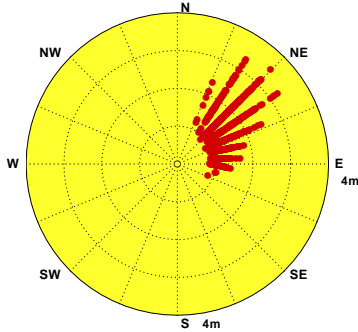
Wave of KLY0 at 2018/01 NO=323(43%)
 Hs : MEAN=1.5m MAX=4.3m(NE,8s)
 N-E:71% E-S:29% S-W:0% W-N:0%



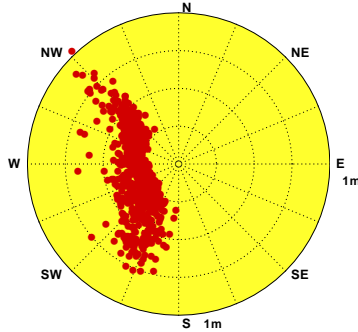
Wave of SAY0 at 2018/01 NO=744(100%)
 Hs : MEAN=1.4m MAX=3.6m(ENE,8s)
 N-E:65% E-S:35% S-W:0% W-N:0%



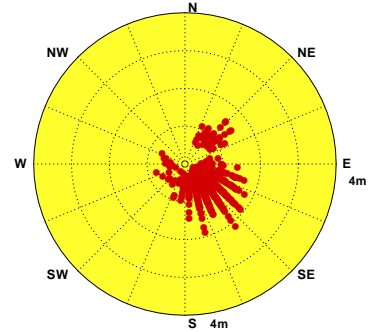
Wave of HLY0 at 2018/01 NO=741(100%)
 Hs : MEAN=1.5m MAX=3.3m(NE,7s)
 N-E:88% E-S:12% S-W:0% W-N:0%



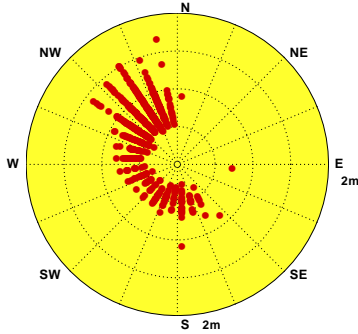
Wave of LTX0 at 2018/01 NO=744(100%)
 Hs : MEAN=.4m MAX=1.0m(NW,6s)
 N-E:0% E-S:0% S-W:56% W-N:44%



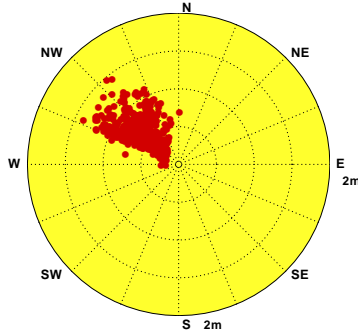
Wave of PNZ0 at 2018/01 NO=741(100%)
 Hs : MEAN=.9m MAX=2.2m(SE,7s)
 N-E:8% E-S:85% S-W:7% W-N:0%



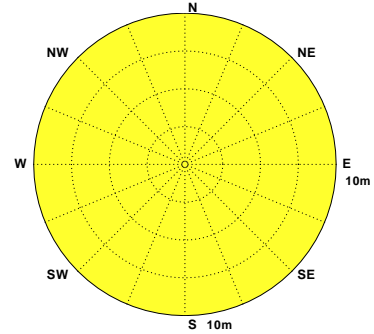
Wave of KHZ0 at 2018/01 NO=714(96%)
 Hs : MEAN=.7m MAX=1.6m(NNW,5s)
 N-E:0% E-S:3% S-W:16% W-N:81%



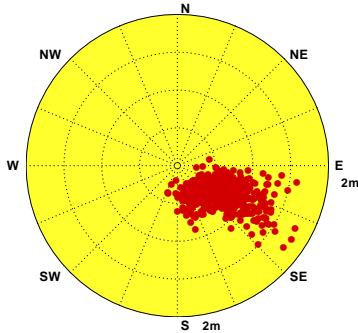
Wave of CNA0 at 2018/01 NO=740(99%)
 Hs : MEAN=.6m MAX=1.5m(NW,10s)
 N-E:0% E-S:0% S-W:1% W-N:99%



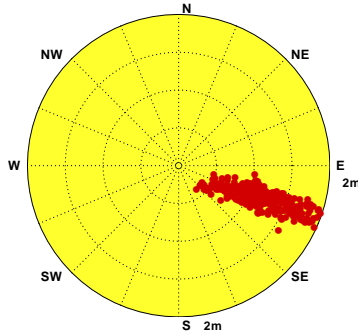
Wave of TCY0 at 2018/01



Wave of PHX0 at 2018/01 NO=744(100%)
 Hs : MEAN=.7m MAX=1.8m(SE,10s)
 N-E:0% E-S:99% S-W:1% W-N:0%



Wave of KMX0 at 2018/01 NO=352(47%)
 Hs : MEAN=1.1m MAX=2.0m(ESE,8s)
 N-E:0% E-S:99% S-W:0% W-N:0%



Wave of MSX0 at 2018/01 NO=738(99%)
 Hs : MEAN=.7m MAX=1.8m(NE,8s)
 N-E:80% E-S:0% S-W:20% W-N:0%

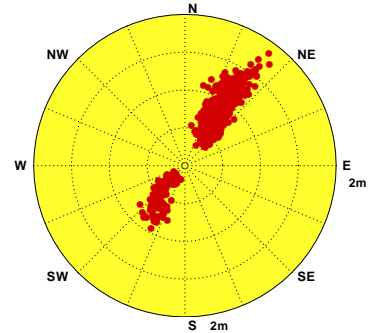


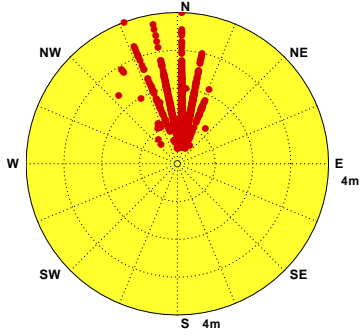
圖7.2a 2018年1月12海域主要測站2修補前波高向量分佈圖

V181TPY0.1H0 V181KLY0.1H0 V181SAY0.1H0 V181HLY0.1H0 V181LTX0.1H0 V181PNZ0.1H0
 V181KHZ0.1H0 V181CNA0.1H0 V181TCY0.1H0 V181PHX0.1H0 V181KMX0.1H0 V181MSX0.1H0

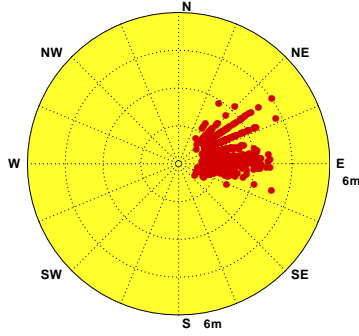
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Distribution of H_s Vectors

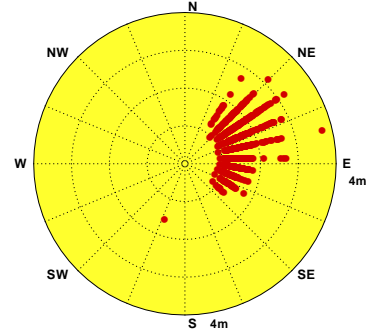
Wave of TPY0 at 2018/01 NO=744(100%)
 Hs : MEAN=1.5m MAX=3.9m(NNW,7s)
 N-E:71% E-S:0% S-W:0% W-N:29%



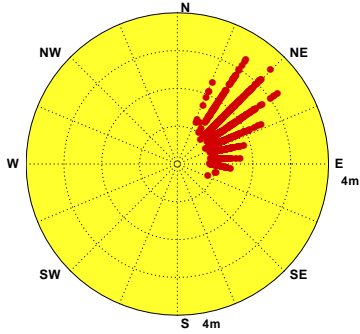
Wave of KLY0 at 2018/01 NO=744(100%)
 Hs : MEAN=1.6m MAX=4.3m(NE,8s)
 N-E:38% E-S:62% S-W:0% W-N:0%



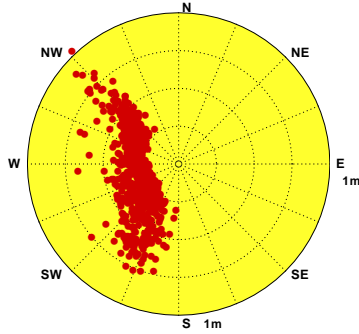
Wave of SAY0 at 2018/01 NO=744(100%)
 Hs : MEAN=1.4m MAX=3.6m(ENE,8s)
 N-E:65% E-S:35% S-W:0% W-N:0%



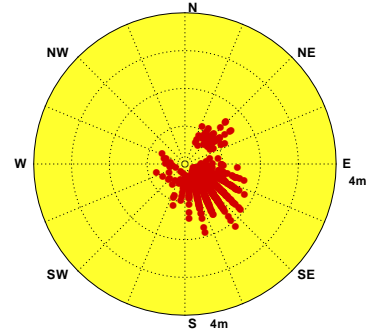
Wave of HLY0 at 2018/01 NO=744(100%)
 Hs : MEAN=1.5m MAX=3.3m(NE,7s)
 N-E:88% E-S:12% S-W:0% W-N:0%



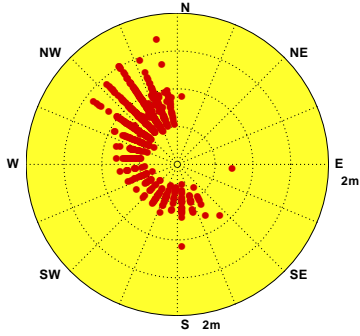
Wave of LTX0 at 2018/01 NO=744(100%)
 Hs : MEAN=.4m MAX=1.0m(NW,6s)
 N-E:0% E-S:0% S-W:56% W-N:44%



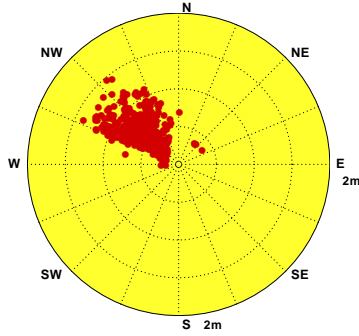
Wave of PNZ0 at 2018/01 NO=744(100%)
 Hs : MEAN=.9m MAX=2.2m(SE,7s)
 N-E:8% E-S:85% S-W:7% W-N:0%



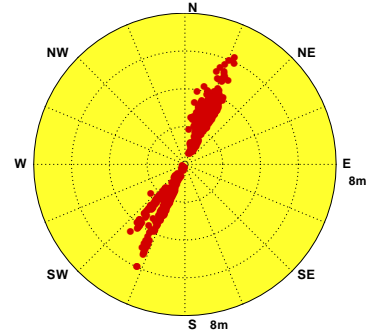
Wave of KHZ0 at 2018/01 NO=744(100%)
 Hs : MEAN=.7m MAX=1.6m(NNW,5s)
 N-E:0% E-S:3% S-W:15% W-N:82%



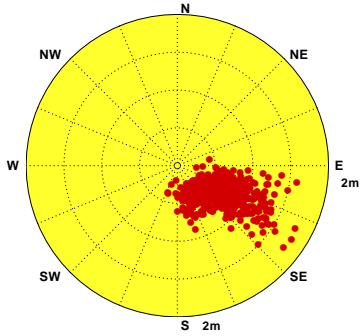
Wave of CNA0 at 2018/01 NO=744(100%)
 Hs : MEAN=.6m MAX=1.5m(NW,10s)
 N-E:1% E-S:0% S-W:1% W-N:98%



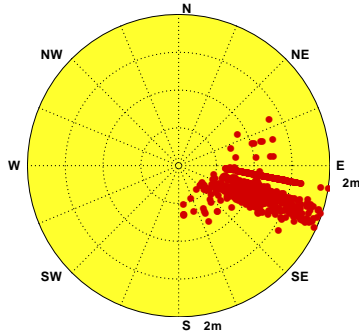
Wave of TCY0 at 2018/01 NO=744(100%)
 Hs : MEAN=2.6m MAX=6.3m(SSW,7s)
 N-E:62% E-S:0% S-W:38% W-N:0%



Wave of PHX0 at 2018/01 NO=744(100%)
 Hs : MEAN=.7m MAX=1.8m(SE,10s)
 N-E:0% E-S:99% S-W:1% W-N:0%



Wave of KMX0 at 2018/01 NO=744(100%)
 Hs : MEAN=1.1m MAX=2.0m(E, 8s)
 N-E:2% E-S:98% S-W:0% W-N:0%



Wave of MSX0 at 2018/01 NO=744(100%)
 Hs : MEAN=.7m MAX=1.8m(NE,8s)
 N-E:81% E-S:0% S-W:19% W-N:0%

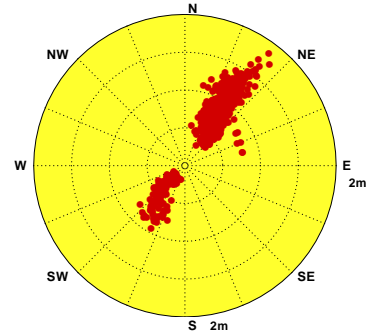


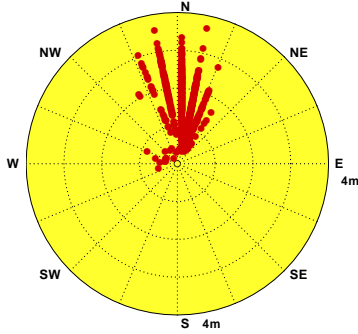
圖7.2b 2018年1月12海域主要測站2修補後波高向量分佈圖

V181TPY0.1HA V181KLY0.1HA V181SAY0.1HA V181HLY0.1HA V181LTX0.1HA V181PNZ0.1HA
 V181KHZ0.1HA V181CNA0.1HA V181TCY0.1HA V181PHX0.1HA V181KMX0.1HA V181MSX0.1HA

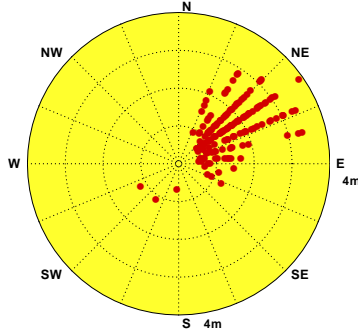
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Distribution of H_s Vectors

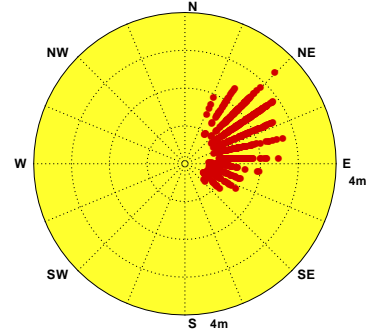
Wave of TPY0 at 2018/02 NO=660(98%)
 Hs : MEAN=1.5m MAX=3.5m(N, 7s)
 N-E:77% E-S:0% S-W:1% W-N:22%



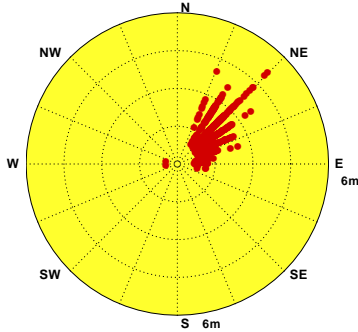
Wave of KLY0 at 2018/02 NO=167(25%)
 Hs : MEAN=1.5m MAX=3.7m(NE,8s)
 N-E:85% E-S:13% S-W:2% W-N:0%



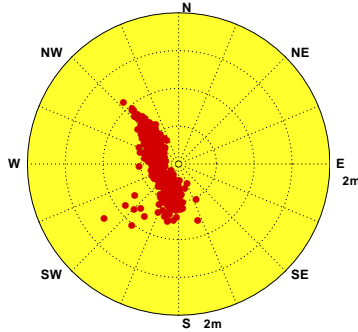
Wave of SAY0 at 2018/02 NO=672(100%)
 Hs : MEAN=1.4m MAX=3.2m(NE,8s)
 N-E:70% E-S:30% S-W:0% W-N:0%



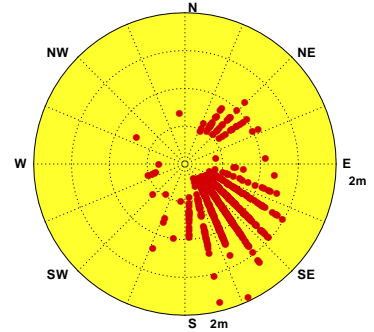
Wave of HLY0 at 2018/02 NO=669(100%)
 Hs : MEAN=1.5m MAX=4.8m(NE,8s)
 N-E:86% E-S:14% S-W:0% W-N:0%



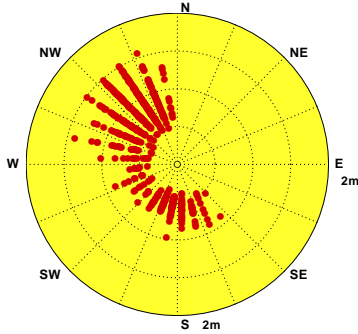
Wave of LTX0 at 2018/02 NO=672(100%)
 Hs : MEAN=.5m MAX=1.3m(SW,4s)
 N-E:0% E-S:1% S-W:48% W-N:51%



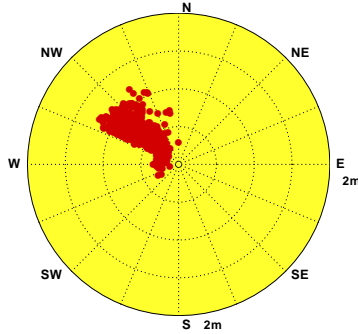
Wave of PNZ0 at 2018/02 NO=671(100%)
 Hs : MEAN=.8m MAX=2.0m(SSE,8s)
 N-E:7% E-S:89% S-W:4% W-N:0%



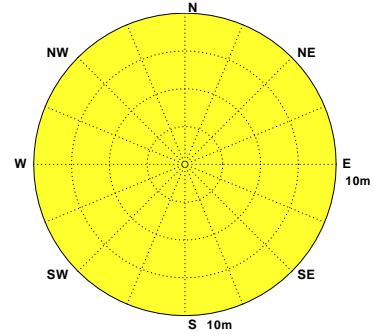
Wave of KHZ0 at 2018/02 NO=634(94%)
 Hs : MEAN=.8m MAX=1.5m(NNW,5s)
 N-E:0% E-S:4% S-W:24% W-N:72%



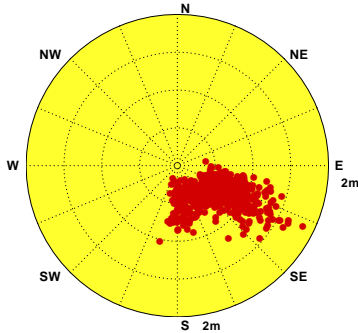
Wave of CNA0 at 2018/02 NO=664(99%)
 Hs : MEAN=.6m MAX=1.2m(WNW,9s)
 N-E:0% E-S:0% S-W:6% W-N:94%



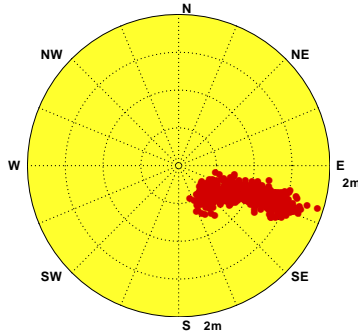
Wave of TCY0 at 2018/02



Wave of PHX0 at 2018/02 NO=672(100%)
 Hs : MEAN=.7m MAX=1.8m(ESE,10s)
 N-E:0% E-S:92% S-W:8% W-N:0%



Wave of KMX0 at 2018/02 NO=507(75%)
 Hs : MEAN=1.0m MAX=1.9m(ESE,7s)
 N-E:0% E-S:99% S-W:0% W-N:0%



Wave of MSX0 at 2018/02 NO=672(100%)
 Hs : MEAN=.6m MAX=1.3m(NE,8s)
 N-E:99% E-S:0% S-W:0% W-N:0%

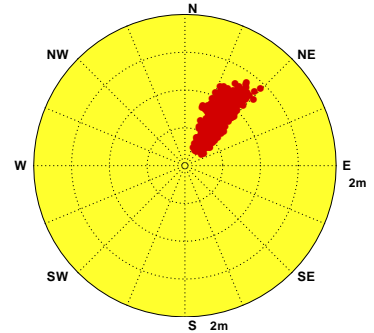


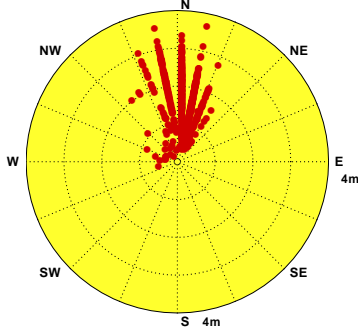
圖7.3a 2018年2月12海域主要測站2修補前波高向量分佈圖

V182TPY0.1H0 V182KLY0.1H0 V182SAY0.1H0 V182HLY0.1H0 V182LTX0.1H0 V182PNZ0.1H0
 V182KHZ0.1H0 V182CNA0.1H0 V182TCY0.1H0 V182PHX0.1H0 V182KMX0.1H0 V182MSX0.1H0

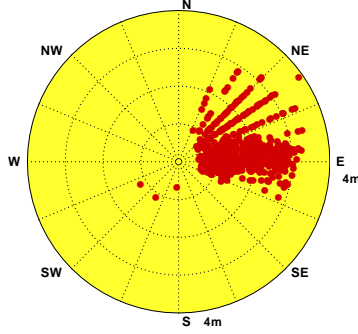
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

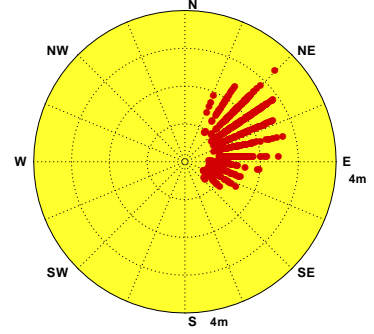
Wave of TPY0 at 2018/02 NO=672(100%)
 Hs : MEAN=1.5m MAX=3.5m(N, 7s)
 N-E:75% E-S:0% S-W:1% W-N:24%



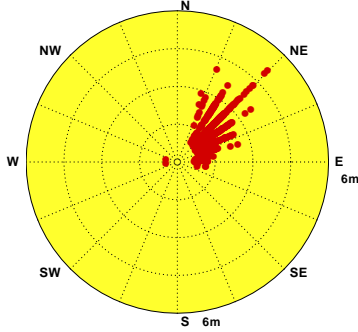
Wave of KLY0 at 2018/02 NO=672(100%)
 Hs : MEAN=1.6m MAX=3.7m(NE,8s)
 N-E:46% E-S:54% S-W:0% W-N:0%



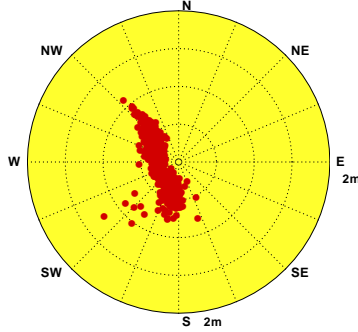
Wave of SAY0 at 2018/02 NO=672(100%)
 Hs : MEAN=1.4m MAX=3.2m(NE,8s)
 N-E:70% E-S:30% S-W:0% W-N:0%



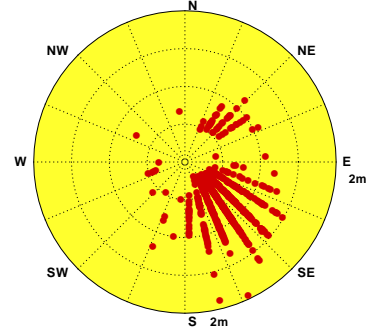
Wave of HLY0 at 2018/02 NO=672(100%)
 Hs : MEAN=1.5m MAX=4.8m(NE,8s)
 N-E:86% E-S:14% S-W:0% W-N:0%



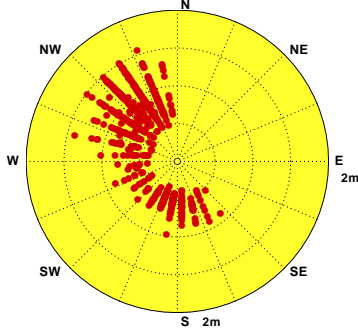
Wave of LTX0 at 2018/02 NO=672(100%)
 Hs : MEAN=.5m MAX=1.3m(SW,4s)
 N-E:0% E-S:1% S-W:48% W-N:51%



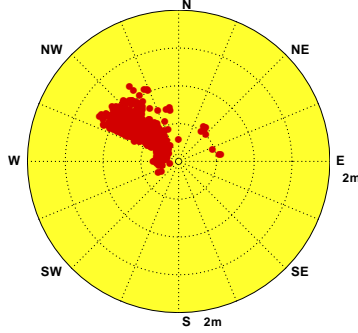
Wave of PNZ0 at 2018/02 NO=672(100%)
 Hs : MEAN=.8m MAX=2.0m(SSE,8s)
 N-E:7% E-S:89% S-W:4% W-N:0%



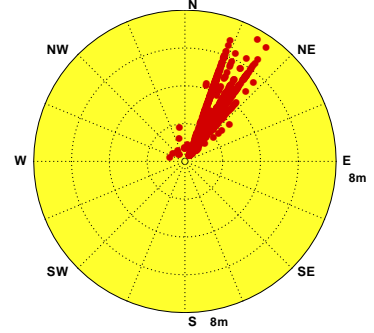
Wave of KHZ0 at 2018/02 NO=672(100%)
 Hs : MEAN=.8m MAX=1.5m(NNW,5s)
 N-E:0% E-S:4% S-W:23% W-N:73%



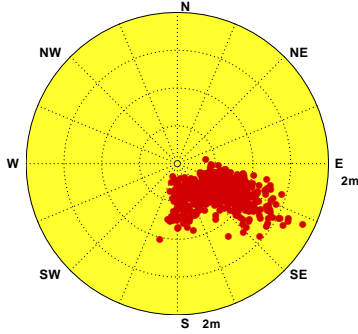
Wave of CNA0 at 2018/02 NO=672(100%)
 Hs : MEAN=.6m MAX=1.2m(WNW,9s)
 N-E:1% E-S:0% S-W:6% W-N:93%



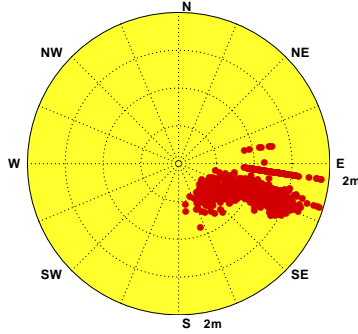
Wave of TCY0 at 2018/02 NO=672(100%)
 Hs : MEAN=2.8m MAX=7.1m(NNE,9s)
 N-E:98% E-S:0% S-W:0% W-N:2%



Wave of PHX0 at 2018/02 NO=672(100%)
 Hs : MEAN=.7m MAX=1.8m(ESE,10s)
 N-E:0% E-S:92% S-W:8% W-N:0%



Wave of KMX0 at 2018/02 NO=672(100%)
 Hs : MEAN=1.0m MAX=1.9m(ESE,8s)
 N-E:1% E-S:99% S-W:0% W-N:0%



Wave of MSX0 at 2018/02 NO=672(100%)
 Hs : MEAN=.6m MAX=1.3m(NE,8s)
 N-E:99% E-S:0% S-W:0% W-N:0%

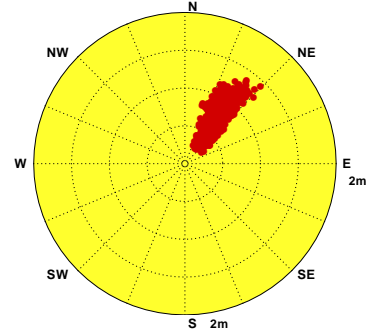


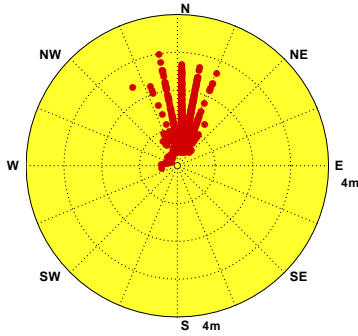
圖7.3b 2018年2月12海域主要測站2修補後波高向量分佈圖

V182TPY0.1HA V182KLY0.1HA V182SAY0.1HA V182HLY0.1HA V182LTX0.1HA V182PNZ0.1HA
 V182KHZ0.1HA V182CNA0.1HA V182TCY0.1HA V182PHX0.1HA V182KMX0.1HA V182MSX0.1HA

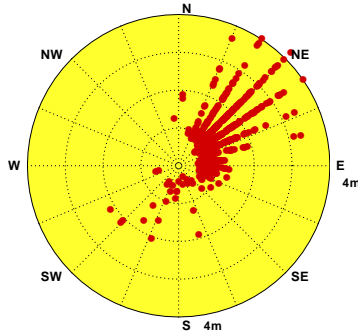
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

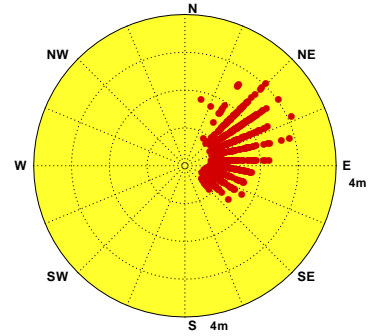
Wave of TPY0 at 2018/03 NO=730(98%)
Hs : MEAN=1.0m MAX=2.9m(NNW,6s)
N-E:83% E-S:0% S-W:1% W-N:16%



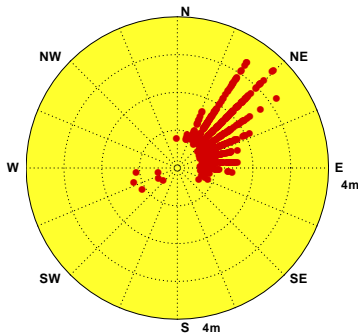
Wave of KLY0 at 2018/03 NO=651(88%)
Hs : MEAN=1.2m MAX=4.0m(NE,8s)
N-E:78% E-S:19% S-W:3% W-N:0%



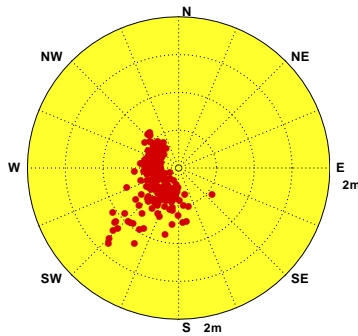
Wave of SAY0 at 2018/03 NO=744(100%)
Hs : MEAN=1.1m MAX=2.9m(ENE,7s)
N-E:40% E-S:60% S-W:0% W-N:0%



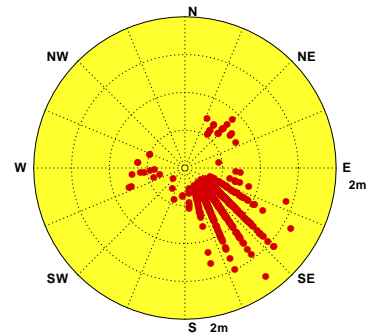
Wave of HLY0 at 2018/03 NO=742(100%)
Hs : MEAN=1.1m MAX=3.4m(NE,7s)
N-E:73% E-S:26% S-W:1% W-N:0%



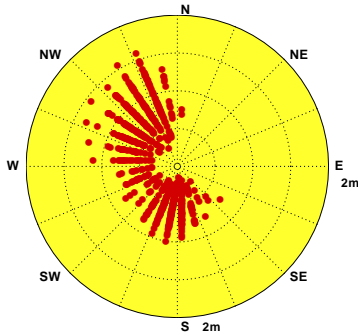
Wave of LTX0 at 2018/03 NO=222(30%)
Hs : MEAN=.5m MAX=1.5m(SW,4s)
N-E:0% E-S:2% S-W:72% W-N:26%



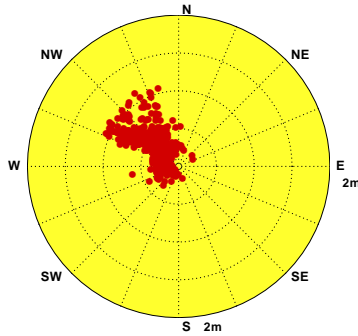
Wave of PNZ0 at 2018/03 NO=741(100%)
Hs : MEAN=.7m MAX=1.8m(SE,6s)
N-E:2% E-S:94% S-W:3% W-N:1%



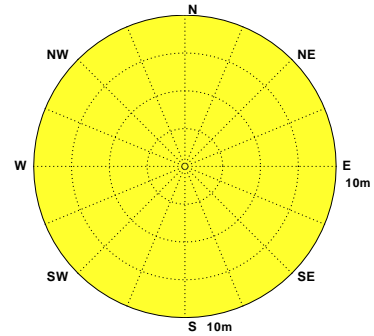
Wave of KHZ0 at 2018/03 NO=689(93%)
Hs : MEAN=.7m MAX=1.5m(NNW,5s)
N-E:0% E-S:4% S-W:43% W-N:53%



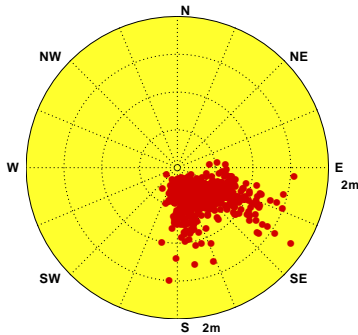
Wave of CNA0 at 2018/03 NO=725(97%)
Hs : MEAN=.4m MAX=1.1m(NW,10s)
N-E:0% E-S:0% S-W:14% W-N:86%



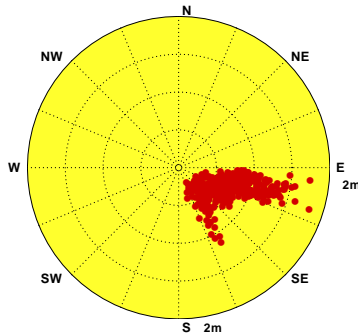
Wave of TCY0 at 2018/03



Wave of PHX0 at 2018/03 NO=744(100%)
Hs : MEAN=.6m MAX=1.8m(SE,9s)
N-E:0% E-S:83% S-W:17% W-N:0%



Wave of KMX0 at 2018/03 NO=505(68%)
Hs : MEAN=.7m MAX=1.8m(ESE,8s)
N-E:0% E-S:99% S-W:0% W-N:0%



Wave of MSX0 at 2018/03 NO=732(98%)
Hs : MEAN=.5m MAX=1.5m(NE,8s)
N-E:99% E-S:0% S-W:0% W-N:0%

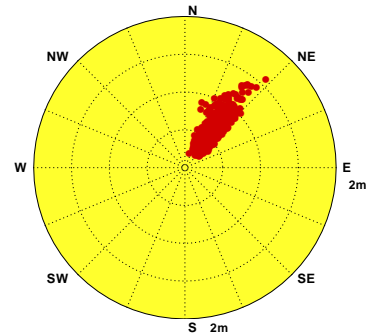


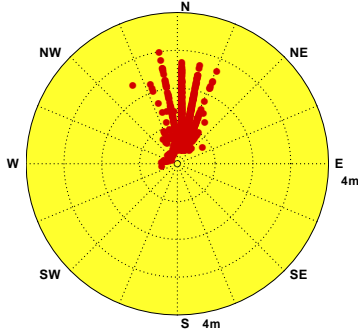
圖7.4a 2018年3月12海域主要測站2修補前波高向量分佈圖

V183TPY0.1H0 V183KLY0.1H0 V183SAY0.1H0 V183HLY0.1H0 V183LTX0.1H0 V183PNZ0.1H0
V183KHZ0.1H0 V183CNA0.1H0 V183TCY0.1H0 V183PHX0.1H0 V183KMX0.1H0 V183MSX0.1H0

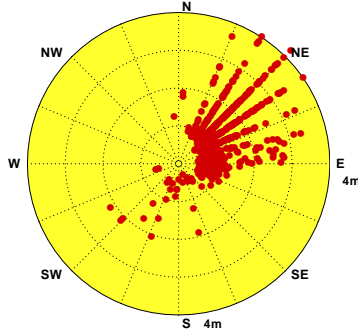
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

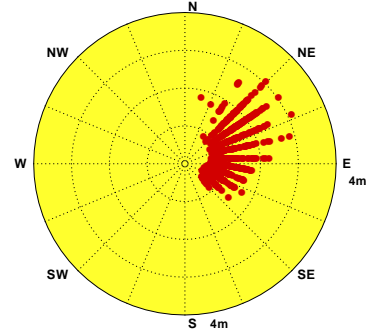
Wave of TPY0 at 2018/03 NO=744(100%)
Hs : MEAN=1.0m MAX=2.9m(NNW,6s)
N-E:83% E-S:0% S-W:1% W-N:16%



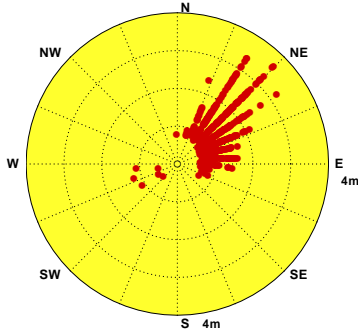
Wave of KLY0 at 2018/03 NO=744(100%)
Hs : MEAN=1.2m MAX=4.0m(NE,8s)
N-E:71% E-S:26% S-W:3% W-N:0%



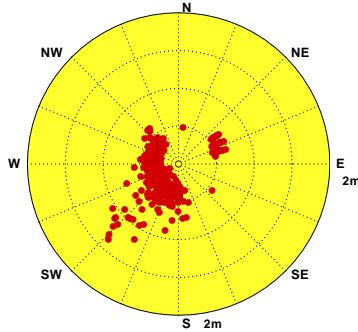
Wave of SAY0 at 2018/03 NO=744(100%)
Hs : MEAN=1.1m MAX=2.9m(ENE,7s)
N-E:40% E-S:60% S-W:0% W-N:0%



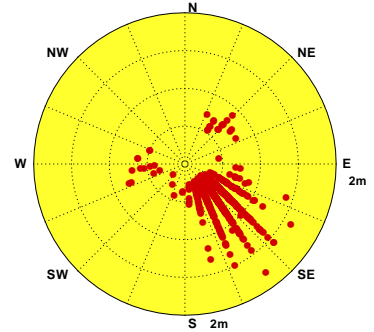
Wave of HLY0 at 2018/03 NO=744(100%)
Hs : MEAN=1.1m MAX=3.4m(NE,7s)
N-E:73% E-S:26% S-W:1% W-N:0%



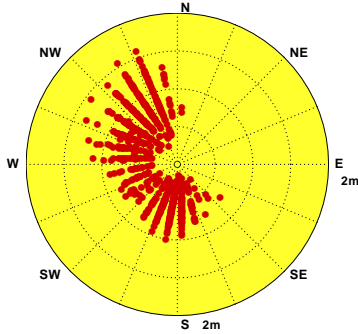
Wave of LTX0 at 2018/03 NO=744(100%)
Hs : MEAN=.5m MAX=1.5m(SW,4s)
N-E:9% E-S:1% S-W:82% W-N:8%



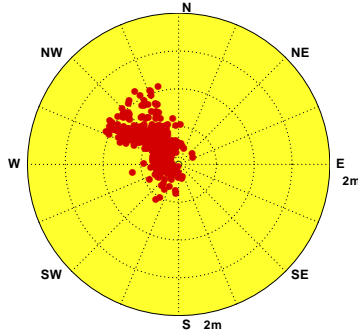
Wave of PNZ0 at 2018/03 NO=744(100%)
Hs : MEAN=.7m MAX=1.8m(SE,6s)
N-E:2% E-S:94% S-W:3% W-N:1%



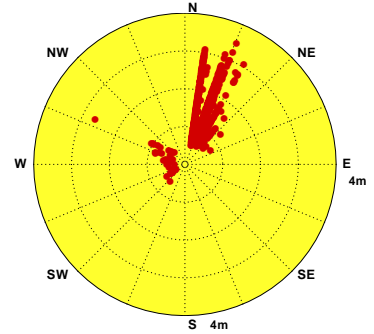
Wave of KHZ0 at 2018/03 NO=744(100%)
Hs : MEAN=.7m MAX=1.5m(NNW,5s)
N-E:0% E-S:4% S-W:43% W-N:53%



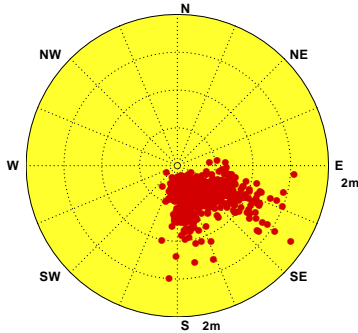
Wave of CNA0 at 2018/03 NO=744(100%)
Hs : MEAN=.4m MAX=1.1m(NW,10s)
N-E:0% E-S:0% S-W:16% W-N:84%



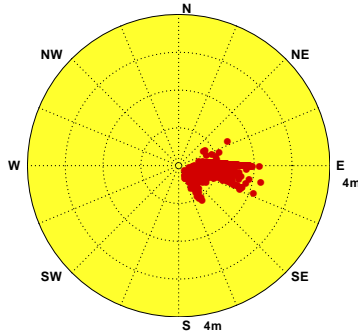
Wave of TCY0 at 2018/03 NO=744(100%)
Hs : MEAN=1.2m MAX=3.3m(NNE,6s)
N-E:95% E-S:0% S-W:3% W-N:2%



Wave of PHX0 at 2018/03 NO=744(100%)
Hs : MEAN=.6m MAX=1.8m(SE,9s)
N-E:0% E-S:83% S-W:17% W-N:0%



Wave of KMX0 at 2018/03 NO=744(100%)
Hs : MEAN=.8m MAX=2.1m(ESE,9s)
N-E:1% E-S:99% S-W:0% W-N:0%



Wave of MSX0 at 2018/03 NO=744(100%)
Hs : MEAN=.5m MAX=1.5m(NE,8s)
N-E:99% E-S:0% S-W:0% W-N:0%

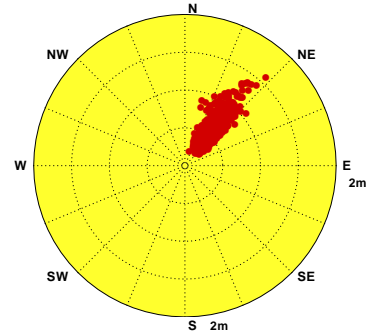


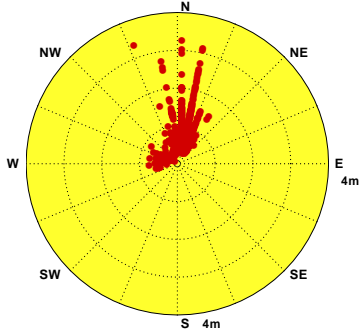
圖7.4b 2018年3月12海域主要測站2修補後波高向量分佈圖

V183TPY0.1HA V183KLY0.1HA V183SAY0.1HA V183HLY0.1HA V183LTX0.1HA V183PNZ0.1HA
V183KHZ0.1HA V183CNA0.1HA V183TCY0.1HA V183PHX0.1HA V183KMX0.1HA V183MSX0.1HA

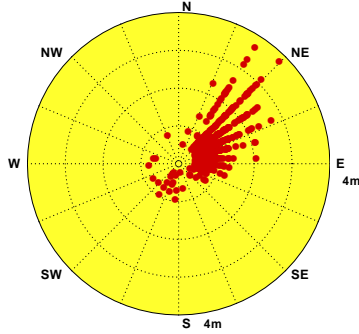
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Distribution of H_s Vectors

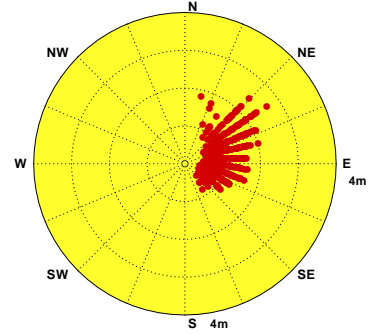
Wave of TPY0 at 2018/04 NO=710(99%)
 Hs : MEAN=.6m MAX=3.3m(NNW,7s)
 N-E:72% E-S:0% S-W:4% W-N:24%



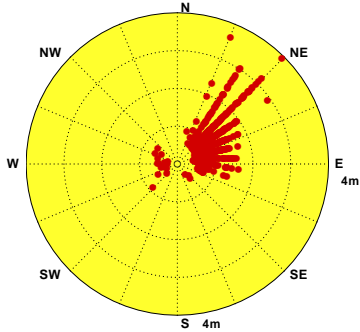
Wave of KLY0 at 2018/04 NO=719(100%)
 Hs : MEAN=.9m MAX=3.6m(NE,8s)
 N-E:69% E-S:29% S-W:2% W-N:0%



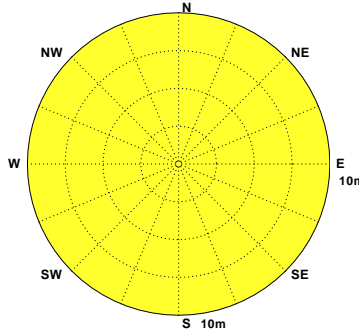
Wave of SAY0 at 2018/04 NO=720(100%)
 Hs : MEAN=.9m MAX=2.5m(NE,6s)
 N-E:33% E-S:67% S-W:0% W-N:0%



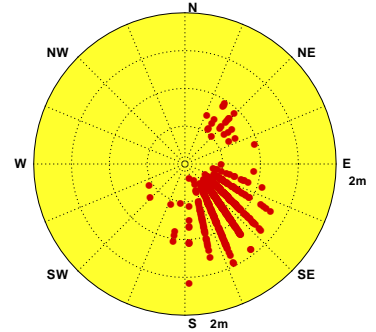
Wave of HLY0 at 2018/04 NO=718(100%)
 Hs : MEAN=.9m MAX=3.8m(NE,7s)
 N-E:64% E-S:33% S-W:2% W-N:1%



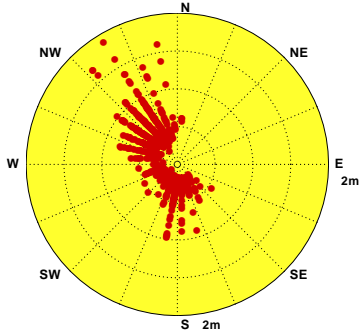
Wave of LTX0 at 2018/04



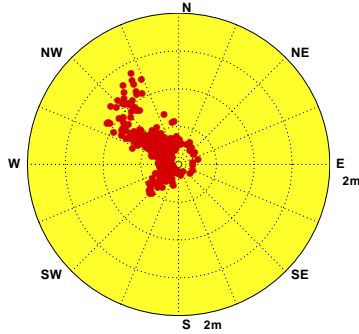
Wave of PNZ0 at 2018/04 NO=720(100%)
 Hs : MEAN=.7m MAX=1.6m(S,10s)
 N-E:3% E-S:95% S-W:2% W-N:0%



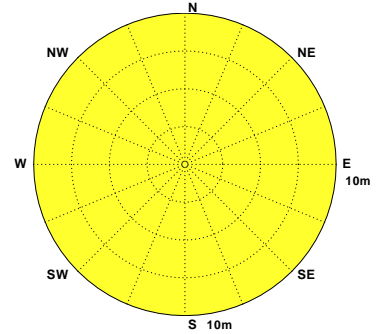
Wave of KHZ0 at 2018/04 NO=670(93%)
 Hs : MEAN=.5m MAX=1.9m(NW,5s)
 N-E:0% E-S:6% S-W:41% W-N:53%



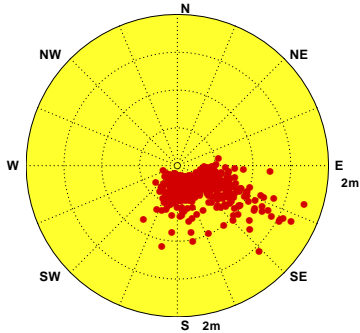
Wave of CNA0 at 2018/04 NO=698(97%)
 Hs : MEAN=.4m MAX=1.3m(NNW,11s)
 N-E:1% E-S:1% S-W:28% W-N:70%



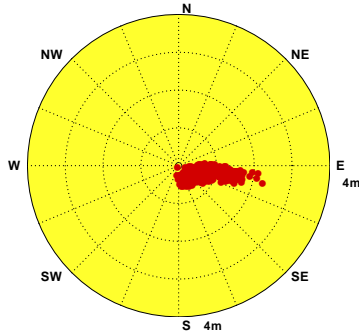
Wave of TCY0 at 2018/04



Wave of PHX0 at 2018/04 NO=720(100%)
 Hs : MEAN=.4m MAX=1.7m(ESE,10s)
 N-E:0% E-S:68% S-W:32% W-N:0%



Wave of KMX0 at 2018/04 NO=701(97%)
 Hs : MEAN=.7m MAX=2.2m(ESE,8s)
 N-E:0% E-S:98% S-W:2% W-N:0%



Wave of MSX0 at 2018/04 NO=711(99%)
 Hs : MEAN=.4m MAX=1.5m(NE,8s)
 N-E:99% E-S:0% S-W:0% W-N:0%

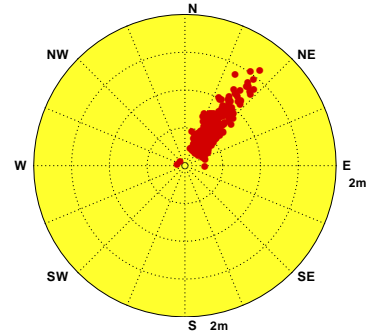


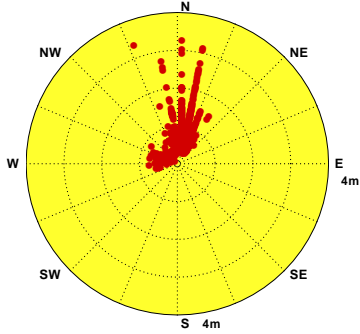
圖7.5a 2018年4月12海域主要測站2修補前波高向量分佈圖

V184TPY0.1H0 V184KLY0.1H0 V184SAY0.1H0 V184HLY0.1H0 V184LTX0.1H0 V184PNZ0.1H0
 V184KHZ0.1H0 V184CNA0.1H0 V184TCY0.1H0 V184PHX0.1H0 V184KMX0.1H0 V184MSX0.1H0

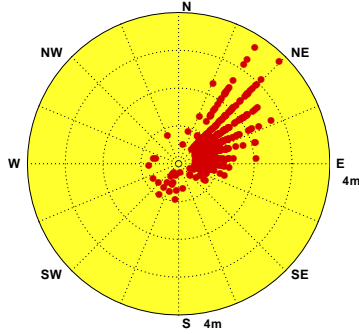
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Distribution of H_s Vectors

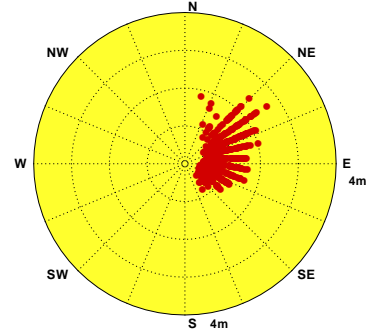
Wave of TPY0 at 2018/04 NO=720(100%)
Hs : MEAN=.6m MAX=3.3m(NNW,7s)
N-E:71% E-S:0% S-W:4% W-N:25%



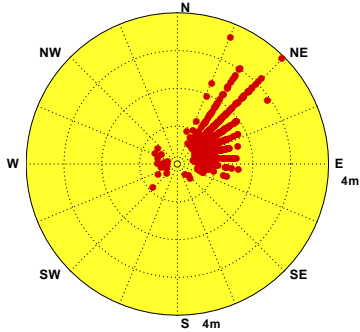
Wave of KLY0 at 2018/04 NO=720(100%)
Hs : MEAN=.9m MAX=3.6m(NE,8s)
N-E:69% E-S:29% S-W:2% W-N:0%



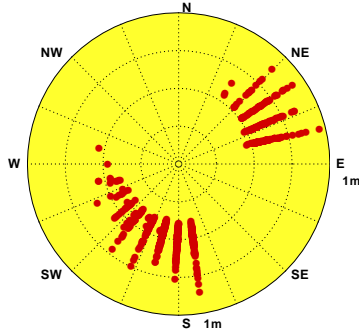
Wave of SAY0 at 2018/04 NO=720(100%)
Hs : MEAN=.9m MAX=2.5m(NE,6s)
N-E:33% E-S:67% S-W:0% W-N:0%



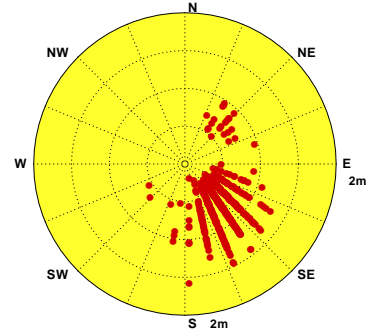
Wave of HLY0 at 2018/04 NO=720(100%)
Hs : MEAN=.9m MAX=3.8m(NE,7s)
N-E:64% E-S:33% S-W:2% W-N:1%



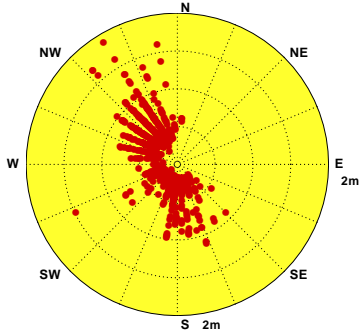
Wave of LTX0 at 2018/04 NO=720(100%)
Hs : MEAN=.5m MAX=.9m(ENE,8s)
N-E:31% E-S:17% S-W:52% W-N:0%



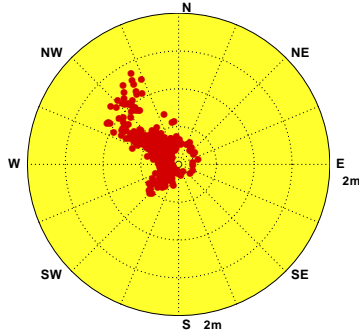
Wave of PNZ0 at 2018/04 NO=720(100%)
Hs : MEAN=.7m MAX=1.6m(S,10s)
N-E:3% E-S:95% S-W:2% W-N:0%



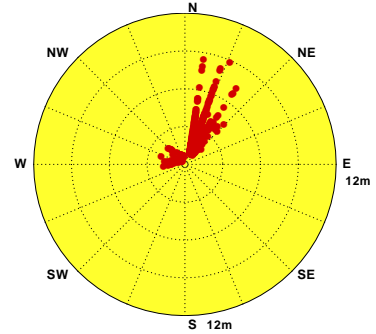
Wave of KHZ0 at 2018/04 NO=720(100%)
Hs : MEAN=.5m MAX=1.9m(NW,5s)
N-E:0% E-S:8% S-W:42% W-N:50%



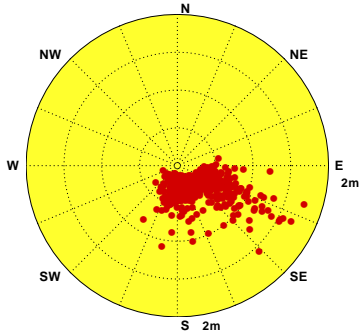
Wave of CNA0 at 2018/04 NO=720(100%)
Hs : MEAN=.4m MAX=1.3m(NNW,11s)
N-E:1% E-S:1% S-W:30% W-N:68%



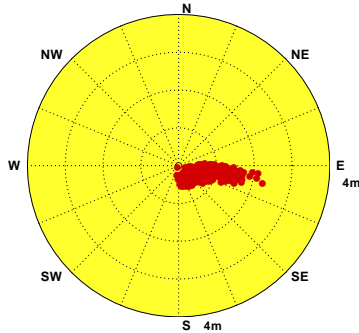
Wave of TCY0 at 2018/04 NO=720(100%)
Hs : MEAN=1.6m MAX=8.3m(NNE,6s)
N-E:92% E-S:0% S-W:4% W-N:4%



Wave of PHX0 at 2018/04 NO=720(100%)
Hs : MEAN=.4m MAX=1.7m(ESE,10s)
N-E:0% E-S:68% S-W:32% W-N:0%



Wave of KMX0 at 2018/04 NO=720(100%)
Hs : MEAN=.7m MAX=2.2m(ESE,8s)
N-E:0% E-S:98% S-W:2% W-N:0%



Wave of MSX0 at 2018/04 NO=720(100%)
Hs : MEAN=.4m MAX=1.5m(NE,8s)
N-E:99% E-S:0% S-W:0% W-N:0%

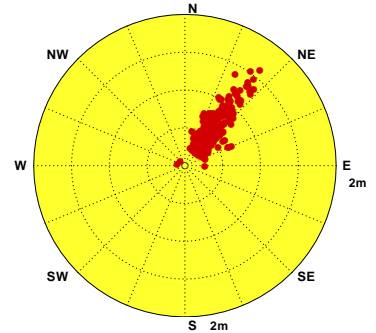


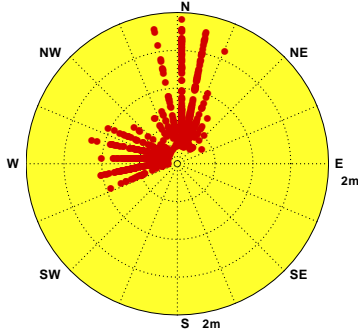
圖7.5b 2018年4月12海域主要測站2修補後波高向量分佈圖

V184TPY0.1HA V184KLY0.1HA V184SAY0.1HA V184HLY0.1HA V184LTX0.1HA V184PNZ0.1HA
V184KHZ0.1HA V184CNA0.1HA V184TCY0.1HA V184PHX0.1HA V184KMX0.1HA V184MSX0.1HA

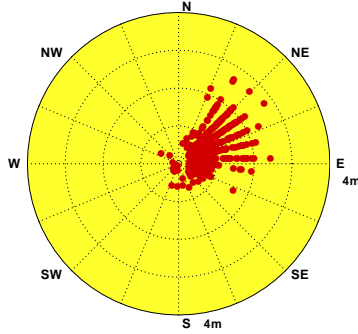
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Distribution of H_s Vectors

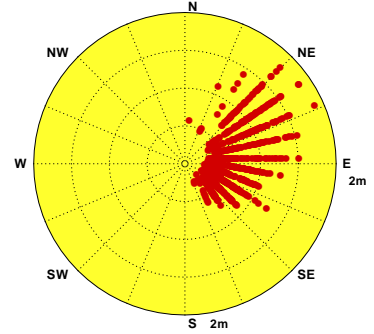
Wave of TPY0 at 2018/05 NO=713(96%)
 Hs : MEAN=.6m MAX=1.8m(N, 5s)
 N-E:41% E-S:0% S-W:14% W-N:45%



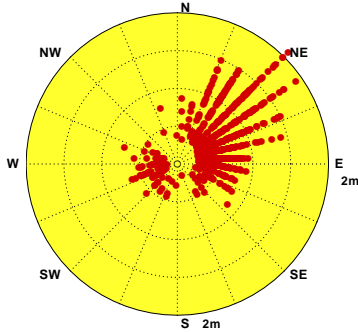
Wave of KLY0 at 2018/05 NO=739(99%)
 Hs : MEAN=.7m MAX=2.6m(NE,7s)
 N-E:58% E-S:41% S-W:1% W-N:0%



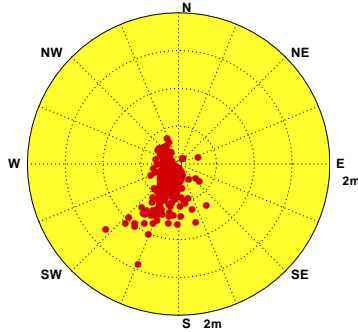
Wave of SAY0 at 2018/05 NO=744(100%)
 Hs : MEAN=.7m MAX=1.8m(ENE,6s)
 N-E:34% E-S:66% S-W:0% W-N:0%



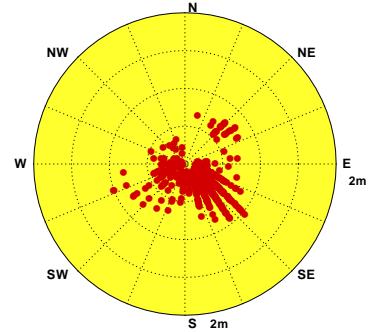
Wave of HLY0 at 2018/05 NO=742(100%)
 Hs : MEAN=.6m MAX=2.0m(NE,5s)
 N-E:58% E-S:31% S-W:8% W-N:3%



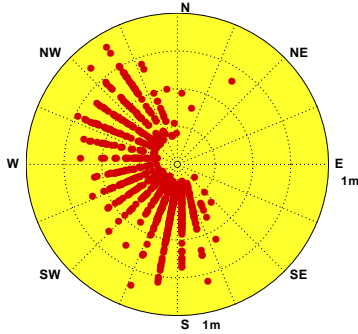
Wave of LTX0 at 2018/05 NO=404(54%)
 Hs : MEAN=.3m MAX=1.5m(SSW,5s)
 N-E:1% E-S:2% S-W:92% W-N:5%



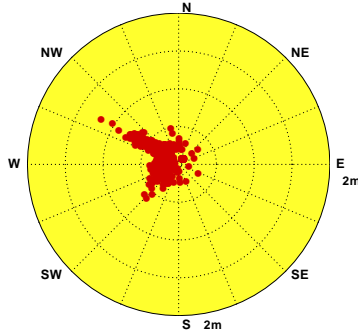
Wave of PNZ0 at 2018/05 NO=741(100%)
 Hs : MEAN=.4m MAX=1.1m(WSW,4s)
 N-E:4% E-S:80% S-W:14% W-N:2%



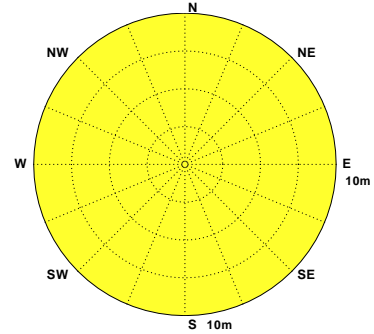
Wave of KHZ0 at 2018/05 NO=720(97%)
 Hs : MEAN=.4m MAX=.9m(SSW,4s)
 N-E:0% E-S:6% S-W:61% W-N:33%



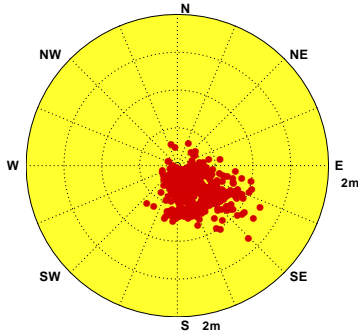
Wave of CNA0 at 2018/05 NO=671(90%)
 Hs : MEAN=.3m MAX=1.2m(WNW,28s)
 N-E:3% E-S:4% S-W:39% W-N:54%



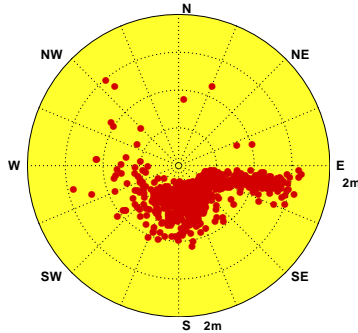
Wave of TCY0 at 2018/05



Wave of PHX0 at 2018/05 NO=687(92%)
 Hs : MEAN=.4m MAX=1.4m(SE,9s)
 N-E:1% E-S:72% S-W:27% W-N:0%



Wave of KMX0 at 2018/05 NO=681(92%)
 Hs : MEAN=.7m MAX=1.6m(E, 7s)
 N-E:1% E-S:68% S-W:30% W-N:1%



Wave of MSX0 at 2018/05 NO=727(98%)
 Hs : MEAN=.4m MAX=2.7m(ENE,37s)
 N-E:99% E-S:0% S-W:0% W-N:1%

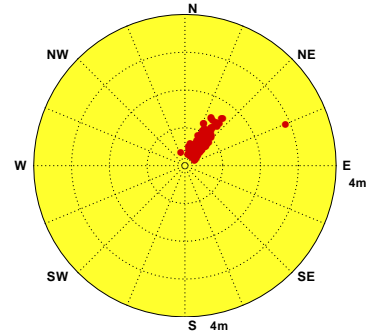


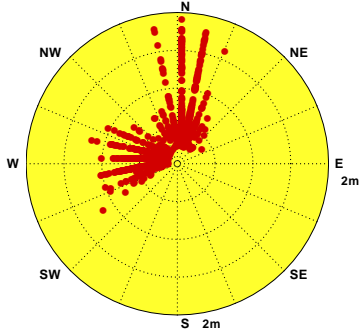
圖7.6a 2018年5月12海域主要測站2修補前波高向量分佈圖

V185TPY0.1H0 V185KLY0.1H0 V185SAY0.1H0 V185HLY0.1H0 V185LTX0.1H0 V185PNZ0.1H0
 V185KHZ0.1H0 V185CNA0.1H0 V185TCY0.1H0 V185PHX0.1H0 V185KMX0.1H0 V185MSX0.1H0

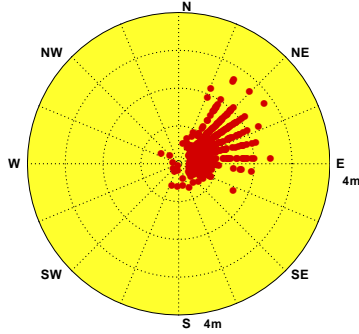
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Distribution of H_s Vectors

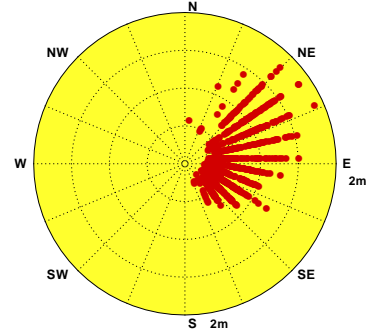
Wave of TPY0 at 2018/05 NO=744(100%)
 Hs : MEAN=.6m MAX=1.8m(N, 5s)
 N-E:39% E-S:0% S-W:16% W-N:45%



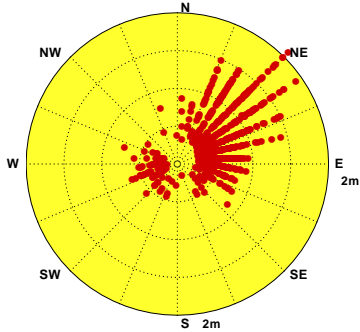
Wave of KLY0 at 2018/05 NO=744(100%)
 Hs : MEAN=.7m MAX=2.6m(NE,7s)
 N-E:57% E-S:42% S-W:1% W-N:0%



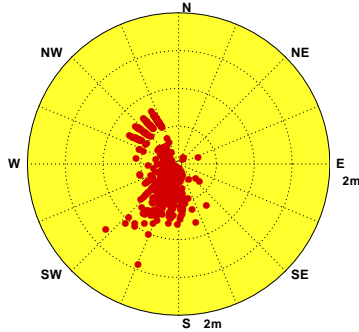
Wave of SAY0 at 2018/05 NO=744(100%)
 Hs : MEAN=.7m MAX=1.8m(ENE,6s)
 N-E:34% E-S:66% S-W:0% W-N:0%



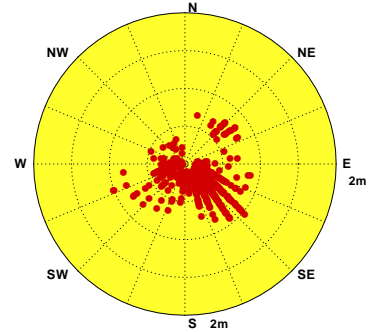
Wave of HLY0 at 2018/05 NO=744(100%)
 Hs : MEAN=.6m MAX=2.0m(NE,5s)
 N-E:58% E-S:31% S-W:8% W-N:3%



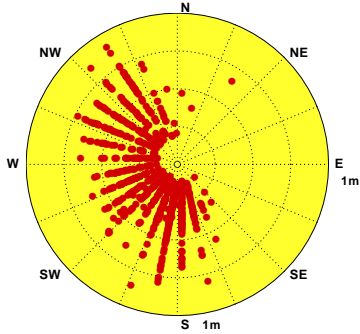
Wave of LTX0 at 2018/05 NO=744(100%)
 Hs : MEAN=.5m MAX=1.5m(SSW,5s)
 N-E:0% E-S:1% S-W:81% W-N:18%



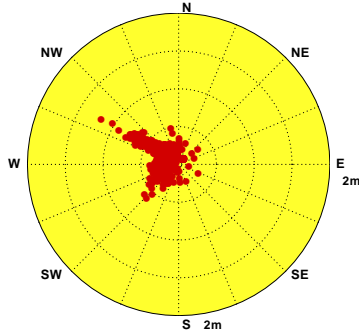
Wave of PNZ0 at 2018/05 NO=744(100%)
 Hs : MEAN=.4m MAX=1.1m(W,4s)
 N-E:4% E-S:80% S-W:14% W-N:2%



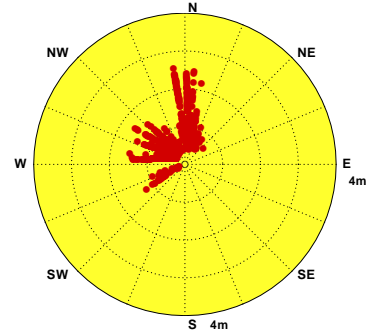
Wave of KHZ0 at 2018/05 NO=744(100%)
 Hs : MEAN=.4m MAX=.9m(SSW,4s)
 N-E:0% E-S:6% S-W:62% W-N:32%



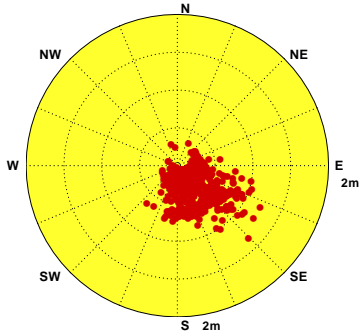
Wave of CNA0 at 2018/05 NO=744(100%)
 Hs : MEAN=.3m MAX=1.2m(WNW,28s)
 N-E:3% E-S:4% S-W:40% W-N:53%



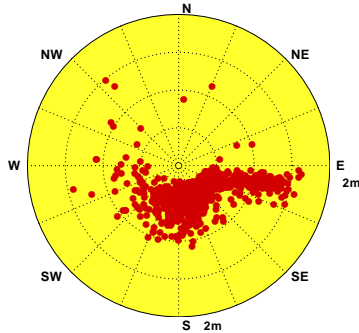
Wave of TCY0 at 2018/05 NO=744(100%)
 Hs : MEAN=.8m MAX=2.4m(N, 5s)
 N-E:15% E-S:0% S-W:15% W-N:70%



Wave of PHX0 at 2018/05 NO=744(100%)
 Hs : MEAN=.4m MAX=1.4m(SE,9s)
 N-E:2% E-S:73% S-W:25% W-N:0%



Wave of KMX0 at 2018/05 NO=744(100%)
 Hs : MEAN=.7m MAX=1.6m(E, 7s)
 N-E:1% E-S:70% S-W:28% W-N:1%



Wave of MSX0 at 2018/05 NO=744(100%)
 Hs : MEAN=.4m MAX=2.7m(ENE,37s)
 N-E:99% E-S:0% S-W:0% W-N:1%

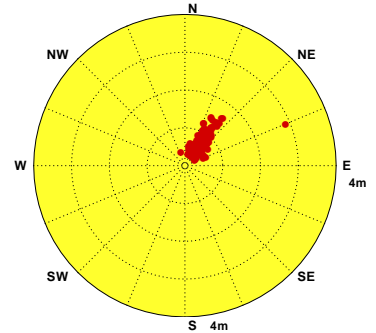


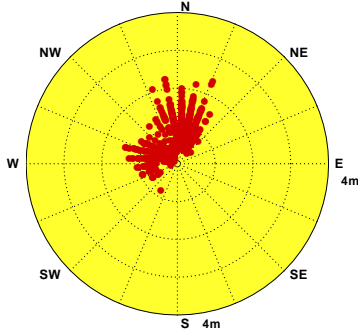
圖7.6b 2018年 5月12海域主要測站2修補後波高向量分佈圖

V185TPY0.1HA V185KLY0.1HA V185SAY0.1HA V185HLY0.1HA V185LTX0.1HA V185PNZ0.1HA
 V185KHZ0.1HA V185CNA0.1HA V185TCY0.1HA V185PHX0.1HA V185KMX0.1HA V185MSX0.1HA

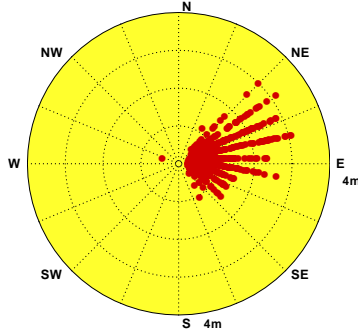
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Distribution of H_s Vectors

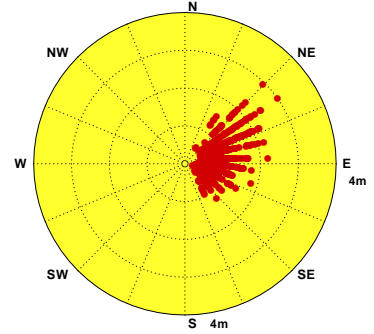
Wave of TPY0 at 2018/06 NO=718(100%)
Hs : MEAN=.7m MAX=2.2m(NNE,6s)
N-E:47% E-S:0% S-W:9% W-N:44%



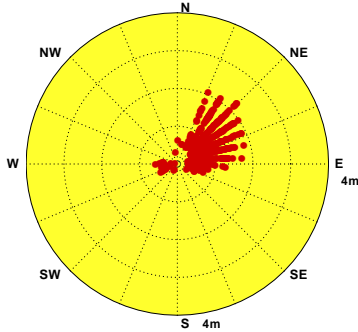
Wave of KLY0 at 2018/06 NO=713(99%)
Hs : MEAN=.8m MAX=3.0m(NE,7s)
N-E:38% E-S:62% S-W:0% W-N:0%



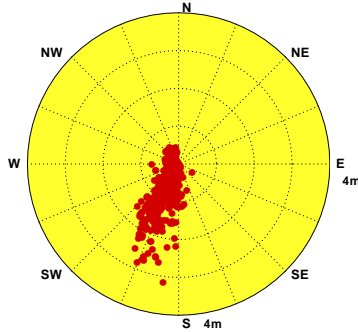
Wave of SAY0 at 2018/06 NO=719(100%)
Hs : MEAN=.8m MAX=2.8m(NE,7s)
N-E:33% E-S:67% S-W:0% W-N:0%



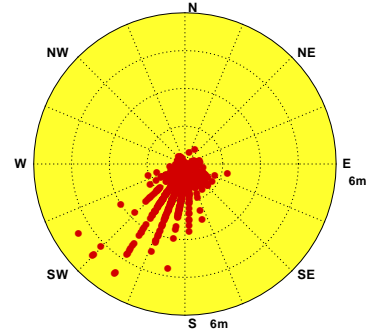
Wave of HLY0 at 2018/06 NO=720(100%)
Hs : MEAN=.7m MAX=2.1m(NE,7s)
N-E:58% E-S:39% S-W:3% W-N:0%



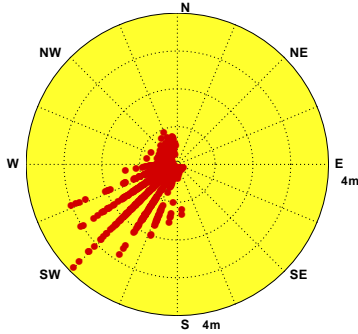
Wave of LTX0 at 2018/06 NO=720(100%)
Hs : MEAN=.7m MAX=3.3m(S,10s)
N-E:0% E-S:1% S-W:91% W-N:8%



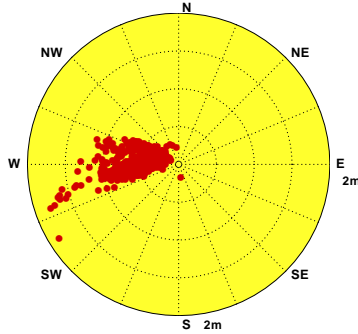
Wave of PNZ0 at 2018/06 NO=718(100%)
Hs : MEAN=1.2m MAX=5.4m(SSW,9s)
N-E:0% E-S:24% S-W:75% W-N:1%



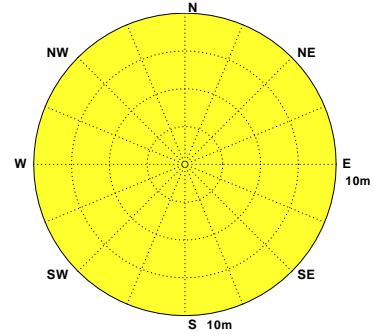
Wave of KHZ0 at 2018/06 NO=707(98%)
Hs : MEAN=1.1m MAX=4.1m(SW,7s)
N-E:0% E-S:0% S-W:89% W-N:11%



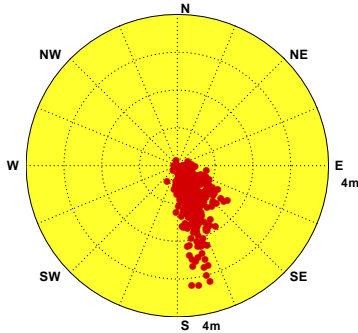
Wave of CNA0 at 2018/06 NO=678(94%)
Hs : MEAN=.6m MAX=2.0m(WSW,9s)
N-E:0% E-S:0% S-W:70% W-N:30%



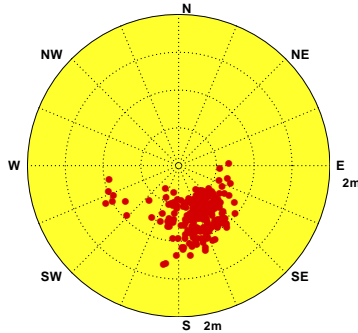
Wave of TCY0 at 2018/06



Wave of PHX0 at 2018/06 NO=697(97%)
Hs : MEAN=.9m MAX=3.3m(S,8s)
N-E:0% E-S:86% S-W:14% W-N:0%



Wave of KMX0 at 2018/06 NO=223(31%)
Hs : MEAN=.8m MAX=1.4m(S,4s)
N-E:0% E-S:83% S-W:17% W-N:0%



Wave of MSX0 at 2018/06 NO=719(100%)
Hs : MEAN=.4m MAX=1.3m(NE,8s)
N-E:99% E-S:0% S-W:0% W-N:1%

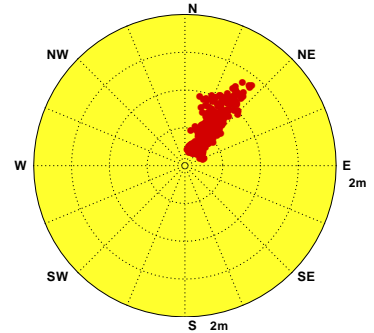


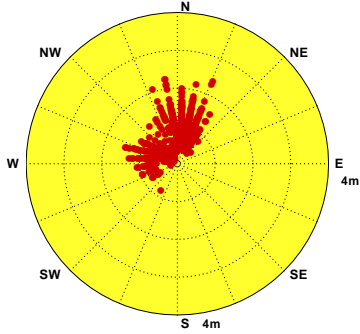
圖7.7a 2018年6月12海域主要測站2修補前波高向量分佈圖

V186TPY0.1H0 V186KLY0.1H0 V186SAY0.1H0 V186HLY0.1H0 V186LTX0.1H0 V186PNZ0.1H0
V186KHZ0.1H0 V186CNA0.1H0 V186TCY0.1H0 V186PHX0.1H0 V186KMX0.1H0 V186MSX0.1H0

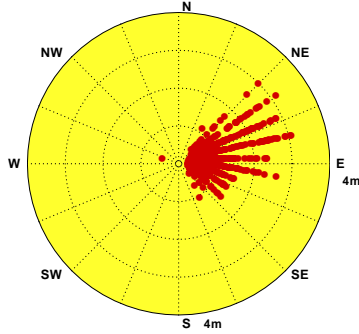
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Distribution of H_s Vectors

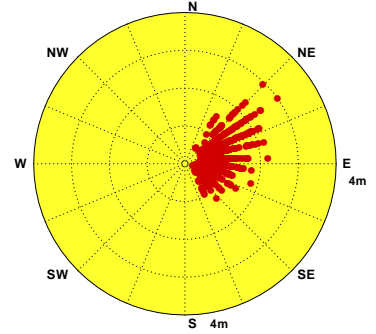
Wave of TPY0 at 2018/06 NO=720(100%)
 Hs : MEAN=.7m MAX=2.2m(NNE,6s)
 N-E:46% E-S:0% S-W:10% W-N:44%



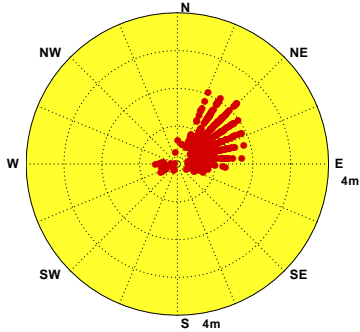
Wave of KLY0 at 2018/06 NO=720(100%)
 Hs : MEAN=.8m MAX=3.0m(NE,7s)
 N-E:38% E-S:62% S-W:0% W-N:0%



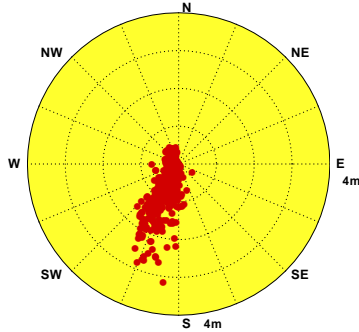
Wave of SAY0 at 2018/06 NO=720(100%)
 Hs : MEAN=.8m MAX=2.8m(NE,7s)
 N-E:33% E-S:67% S-W:0% W-N:0%



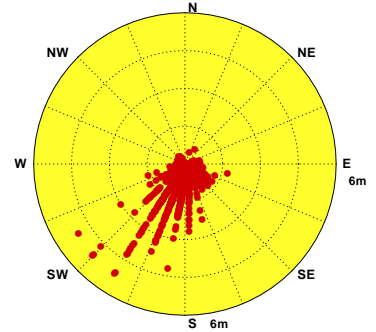
Wave of HLY0 at 2018/06 NO=720(100%)
 Hs : MEAN=.7m MAX=2.1m(NE,7s)
 N-E:58% E-S:39% S-W:3% W-N:0%



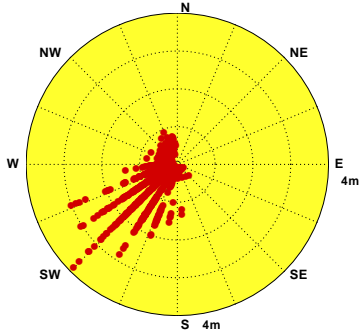
Wave of LTX0 at 2018/06 NO=720(100%)
 Hs : MEAN=.7m MAX=3.3m(S,10s)
 N-E:0% E-S:1% S-W:91% W-N:8%



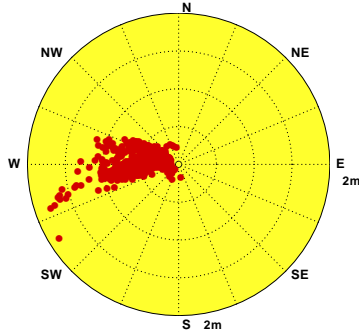
Wave of PNZ0 at 2018/06 NO=720(100%)
 Hs : MEAN=1.2m MAX=5.4m(SSW,9s)
 N-E:0% E-S:24% S-W:75% W-N:1%



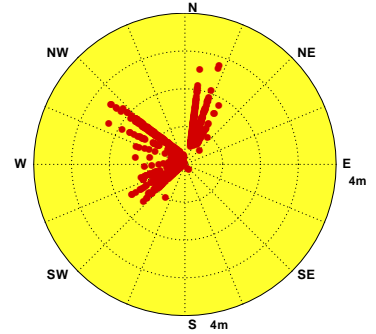
Wave of KHZ0 at 2018/06 NO=720(100%)
 Hs : MEAN=1.1m MAX=4.1m(SW,7s)
 N-E:0% E-S:1% S-W:88% W-N:11%



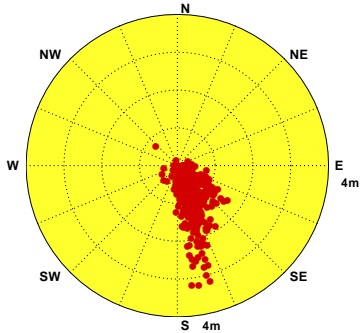
Wave of CNA0 at 2018/06 NO=720(100%)
 Hs : MEAN=.6m MAX=2.0m(WSW,9s)
 N-E:0% E-S:0% S-W:71% W-N:29%



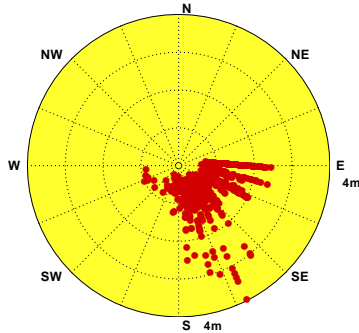
Wave of TCY0 at 2018/06 NO=720(100%)
 Hs : MEAN=.8m MAX=2.6m(NNE,5s)
 N-E:32% E-S:0% S-W:36% W-N:32%



Wave of PHX0 at 2018/06 NO=720(100%)
 Hs : MEAN=.9m MAX=3.3m(S,8s)
 N-E:0% E-S:86% S-W:14% W-N:0%



Wave of KMX0 at 2018/06 NO=720(100%)
 Hs : MEAN=1.2m MAX=4.1m(SSE,8s)
 N-E:0% E-S:95% S-W:5% W-N:0%



Wave of MSX0 at 2018/06 NO=720(100%)
 Hs : MEAN=.4m MAX=1.3m(NE,8s)
 N-E:99% E-S:0% S-W:0% W-N:1%

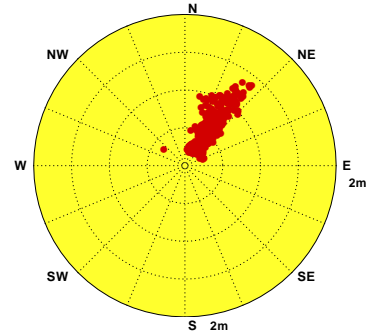


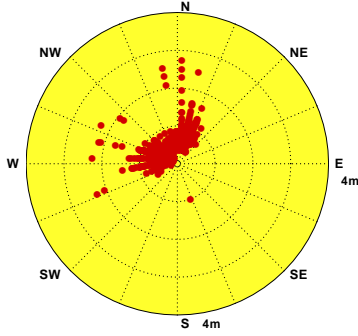
圖7.7b 2018年6月12海域主要測站2修補後波高向量分佈圖

V186TPY0.1HA V186KLY0.1HA V186SAY0.1HA V186HLY0.1HA V186LTX0.1HA V186PNZ0.1HA
 V186KHZ0.1HA V186CNA0.1HA V186TCY0.1HA V186PHX0.1HA V186KMX0.1HA V186MSX0.1HA

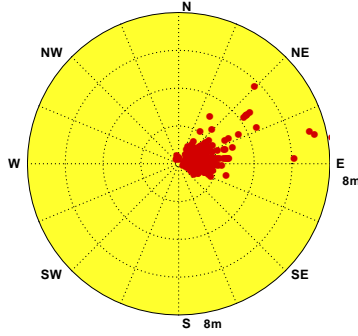
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

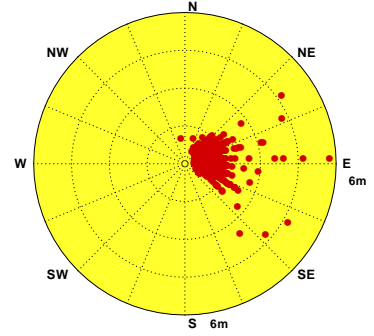
Wave of TPY0 at 2018/07 NO=734(99%)
 Hs : MEAN=.6m MAX=2.6m(N, 6s)
 N-E:33% E-S:0% S-W:18% W-N:49%



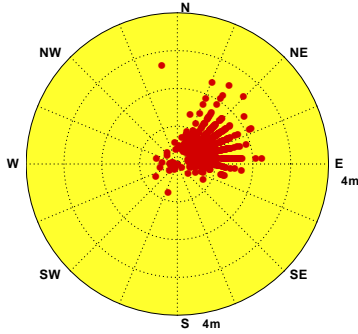
Wave of KLY0 at 2018/07 NO=737(99%)
 Hs : MEAN=.8m MAX=7.9m(E, 12s)
 N-E:25% E-S:74% S-W:0% W-N:1%



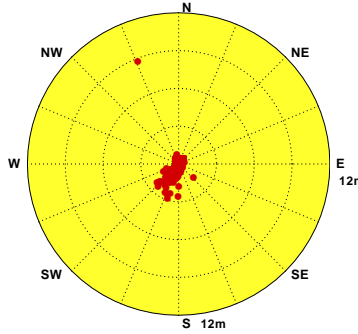
Wave of SAY0 at 2018/07 NO=744(100%)
 Hs : MEAN=.9m MAX=5.6m(E, 12s)
 N-E:26% E-S:74% S-W:0% W-N:0%



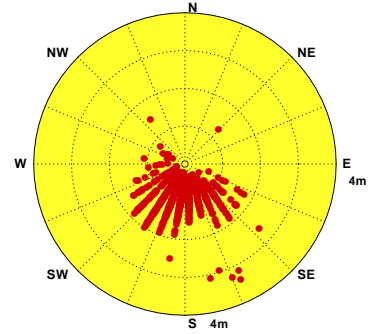
Wave of HLY0 at 2018/07 NO=743(100%)
 Hs : MEAN=.7m MAX=2.5m(NNW,6s)
 N-E:66% E-S:31% S-W:2% W-N:1%



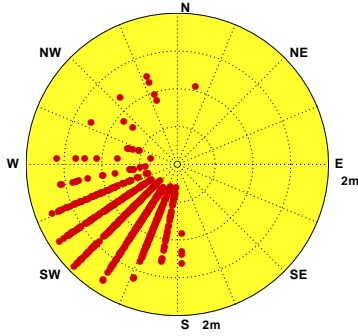
Wave of LTX0 at 2018/07 NO=732(98%)
 Hs : MEAN=.7m MAX=8.5m(NNW,7s)
 N-E:2% E-S:4% S-W:90% W-N:4%



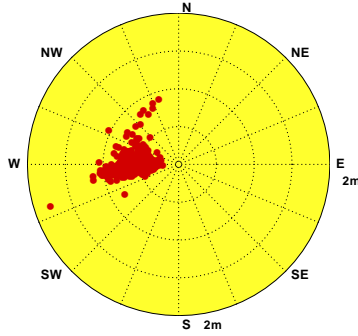
Wave of PNZ0 at 2018/07 NO=744(100%)
 Hs : MEAN=1.2m MAX=3.5m(SSE,16s)
 N-E:0% E-S:21% S-W:78% W-N:1%



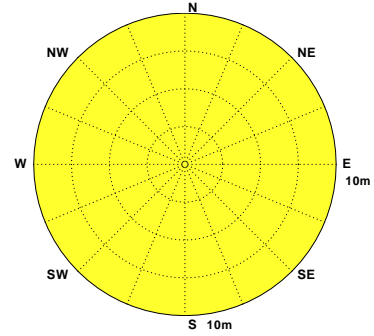
Wave of KHZ0 at 2018/07 NO=738(99%)
 Hs : MEAN=1.0m MAX=2.0m(SW,6s)
 N-E:0% E-S:0% S-W:97% W-N:3%



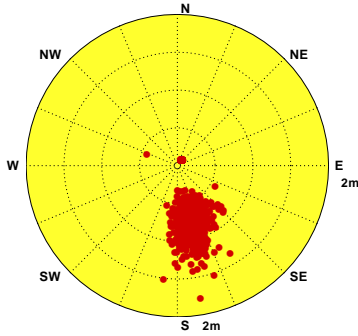
Wave of CNA0 at 2018/07 NO=725(97%)
 Hs : MEAN=.6m MAX=1.9m(WSW,3s)
 N-E:0% E-S:0% S-W:86% W-N:14%



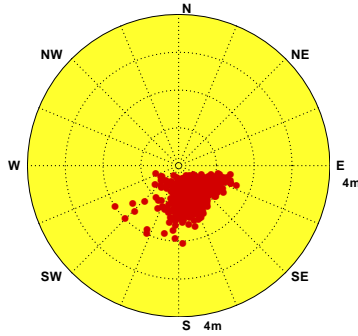
Wave of TCY0 at 2018/07



Wave of PHX0 at 2018/07 NO=699(94%)
 Hs : MEAN=.7m MAX=1.9m(S, 5s)
 N-E:3% E-S:77% S-W:18% W-N:2%



Wave of KMX0 at 2018/07 NO=741(100%)
 Hs : MEAN=1.0m MAX=2.2m(S, 6s)
 N-E:0% E-S:84% S-W:16% W-N:0%



Wave of MSX0 at 2018/07 NO=702(94%)
 Hs : MEAN=.4m MAX=3.6m(NE,14s)
 N-E:99% E-S:0% S-W:0% W-N:0%

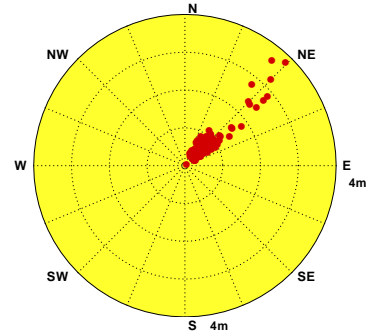


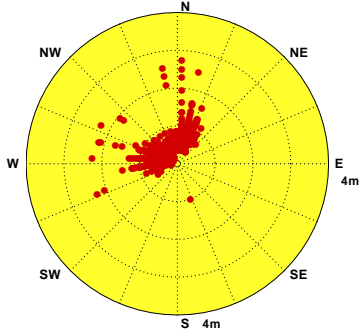
圖7.8a 2018年7月12海域主要測站2修補前波高向量分佈圖

V187TPY0.1H0 V187KLY0.1H0 V187SAY0.1H0 V187HLY0.1H0 V187LTX0.1H0 V187PNZ0.1H0
 V187KHZ0.1H0 V187CNA0.1H0 V187TCY0.1H0 V187PHX0.1H0 V187KMX0.1H0 V187MSX0.1H0

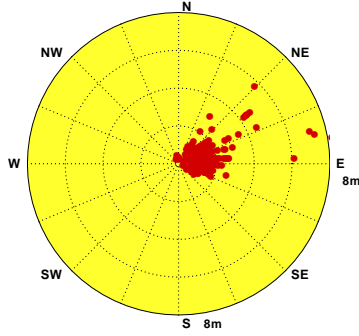
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Distribution of H_s Vectors

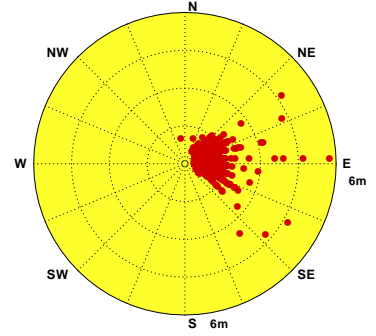
Wave of TPY0 at 2018/07 NO=744(100%)
 Hs : MEAN=.6m MAX=2.6m(N, 6s)
 N-E:33% E-S:0% S-W:18% W-N:49%



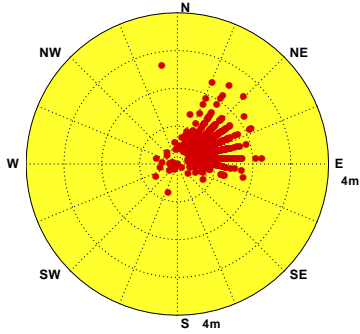
Wave of KLY0 at 2018/07 NO=744(100%)
 Hs : MEAN=.8m MAX=7.9m(E, 12s)
 N-E:25% E-S:74% S-W:0% W-N:1%



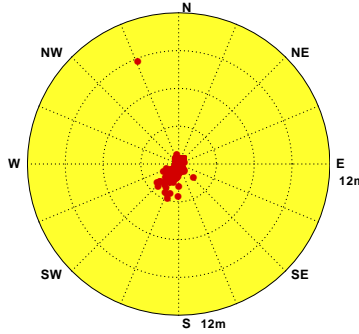
Wave of SAY0 at 2018/07 NO=744(100%)
 Hs : MEAN=.9m MAX=5.6m(E, 12s)
 N-E:26% E-S:74% S-W:0% W-N:0%



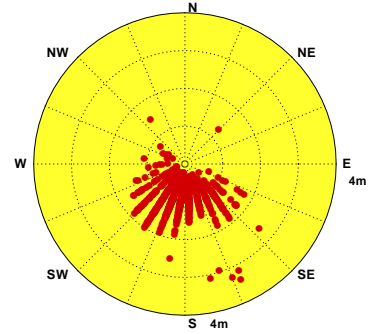
Wave of HLY0 at 2018/07 NO=744(100%)
 Hs : MEAN=.7m MAX=2.5m(NNW,6s)
 N-E:66% E-S:31% S-W:2% W-N:1%



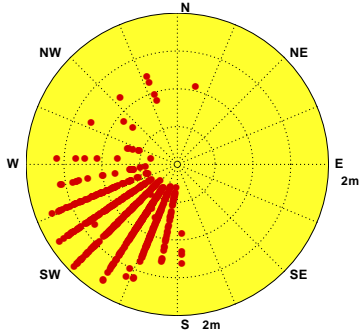
Wave of LTX0 at 2018/07 NO=744(100%)
 Hs : MEAN=.7m MAX=8.5m(NNW,7s)
 N-E:2% E-S:4% S-W:90% W-N:4%



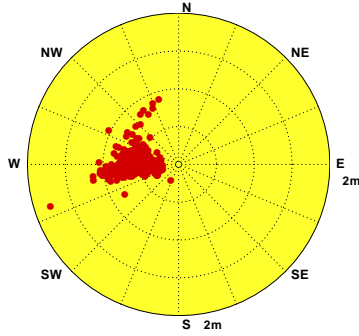
Wave of PNZ0 at 2018/07 NO=744(100%)
 Hs : MEAN=1.2m MAX=3.5m(SSE,16s)
 N-E:0% E-S:21% S-W:78% W-N:1%



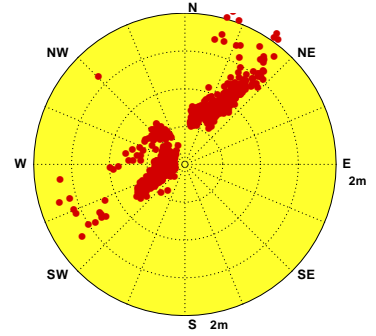
Wave of KHZ0 at 2018/07 NO=744(100%)
 Hs : MEAN=1.0m MAX=2.0m(SW,6s)
 N-E:0% E-S:0% S-W:97% W-N:3%



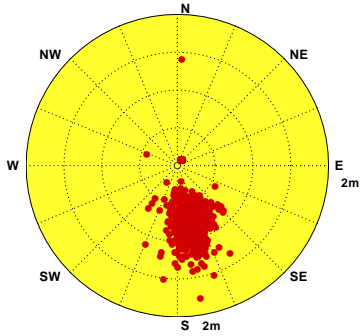
Wave of CNA0 at 2018/07 NO=744(100%)
 Hs : MEAN=.6m MAX=1.9m(WSW,3s)
 N-E:0% E-S:0% S-W:86% W-N:14%



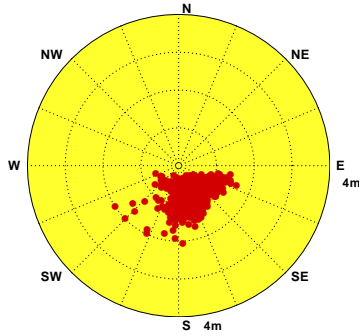
Wave of TCY0 at 2018/07 NO=744(100%)
 Hs : MEAN=.6m MAX=2.0m(NNE,5s)
 N-E:38% E-S:0% S-W:50% W-N:12%



Wave of PHX0 at 2018/07 NO=744(100%)
 Hs : MEAN=.7m MAX=1.9m(S, 5s)
 N-E:3% E-S:73% S-W:22% W-N:2%



Wave of KMX0 at 2018/07 NO=744(100%)
 Hs : MEAN=1.0m MAX=2.2m(S, 6s)
 N-E:0% E-S:84% S-W:16% W-N:0%



Wave of MSX0 at 2018/07 NO=744(100%)
 Hs : MEAN=.4m MAX=3.6m(NE,14s)
 N-E:95% E-S:0% S-W:5% W-N:0%

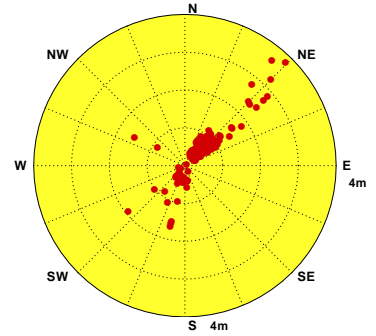


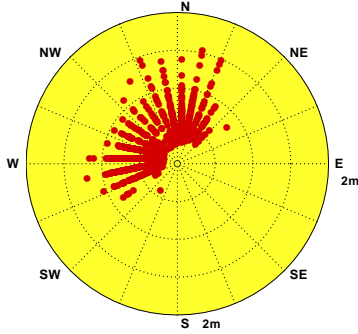
圖7.8b 2018年7月12海域主要測站2修補後波高向量分佈圖

V187TPY0.1HA V187KLY0.1HA V187SAY0.1HA V187HLY0.1HA V187LTX0.1HA V187PNZ0.1HA
 V187KHZ0.1HA V187CNA0.1HA V187TCY0.1HA V187PHX0.1HA V187KMX0.1HA V187MSX0.1HA

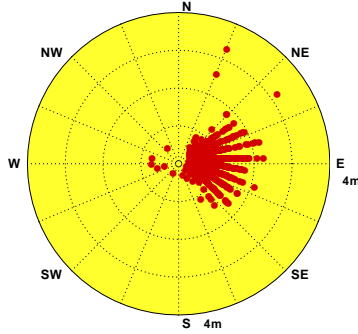
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Distribution of H_s Vectors

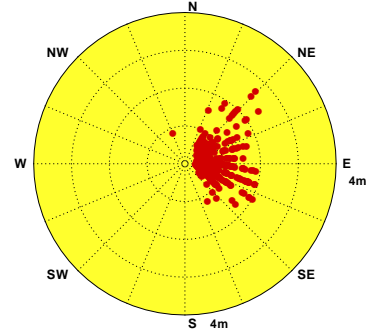
Wave of TPY0 at 2018/08 NO=740(99%)
 Hs : MEAN=.6m MAX=1.5m(N, 5s)
 N-E:26% E-S:0% S-W:23% W-N:51%



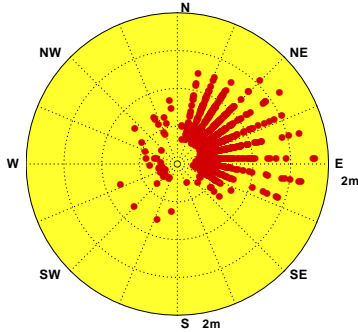
Wave of KLY0 at 2018/08 NO=740(99%)
 Hs : MEAN=.8m MAX=3.1m(NNE,9s)
 N-E:34% E-S:65% S-W:1% W-N:0%



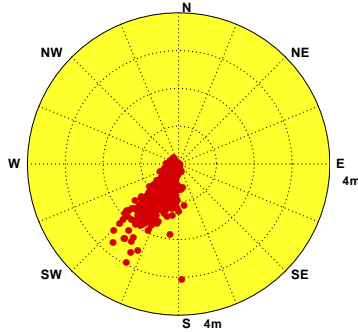
Wave of SAY0 at 2018/08 NO=412(55%)
 Hs : MEAN=.7m MAX=2.5m(NE,9s)
 N-E:32% E-S:68% S-W:0% W-N:0%



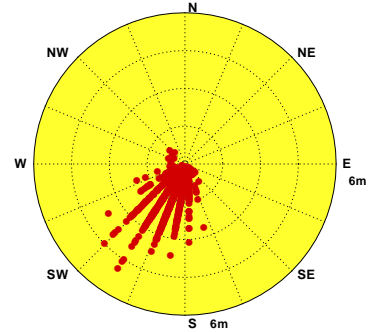
Wave of HLY0 at 2018/08 NO=739(99%)
 Hs : MEAN=.6m MAX=1.8m(E, 8s)
 N-E:69% E-S:27% S-W:2% W-N:2%



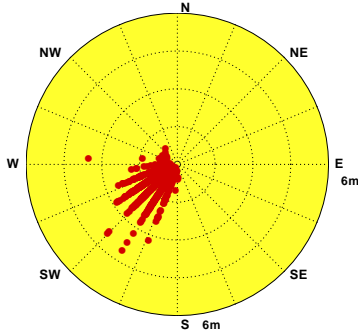
Wave of LTX0 at 2018/08 NO=743(100%)
 Hs : MEAN=.9m MAX=3.2m(S, 6s)
 N-E:0% E-S:0% S-W:99% W-N:0%



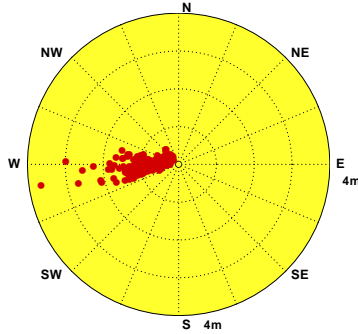
Wave of PNZ0 at 2018/08 NO=743(100%)
 Hs : MEAN=1.7m MAX=5.2m(SSW,8s)
 N-E:0% E-S:3% S-W:96% W-N:1%



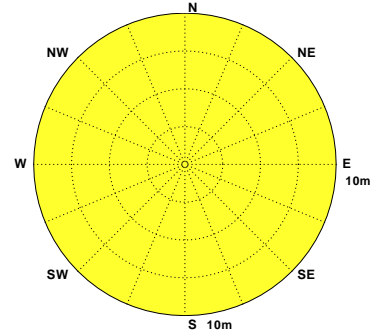
Wave of KHZ0 at 2018/08 NO=738(99%)
 Hs : MEAN=1.6m MAX=4.3m(SSW,7s)
 N-E:0% E-S:0% S-W:98% W-N:2%



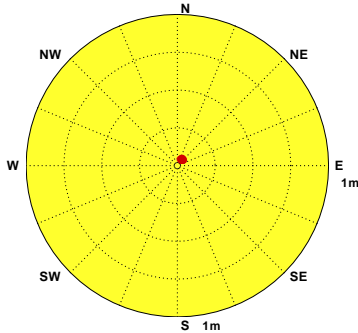
Wave of CNA0 at 2018/08 NO=744(100%)
 Hs : MEAN=.8m MAX=3.8m(W, 3s)
 N-E:0% E-S:0% S-W:95% W-N:5%



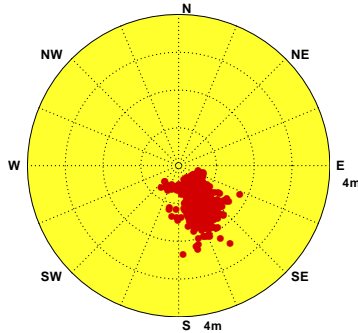
Wave of TCY0 at 2018/08



Wave of PHX0 at 2018/08 NO=14(2%)
 Hs : MEAN=.0m MAX=.0m(N, 3s)
 N-E:21% E-S:14% S-W:51% W-N:14%



Wave of KMX0 at 2018/08 NO=744(100%)
 Hs : MEAN=1.1m MAX=2.5m(SSE,8s)
 N-E:0% E-S:95% S-W:5% W-N:0%



Wave of MSX0 at 2018/08 NO=743(100%)
 Hs : MEAN=.4m MAX=1.4m(NE,15s)
 N-E:99% E-S:0% S-W:0% W-N:0%

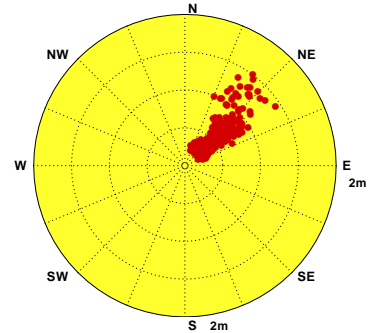


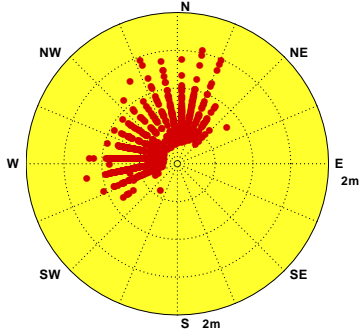
圖7.9a 2018年8月12海域主要測站2修補前波高向量分佈圖

V188TPY0.1H0 V188KLY0.1H0 V188SAY0.1H0 V188HLY0.1H0 V188LTX0.1H0 V188PNZ0.1H0
 V188KHZ0.1H0 V188CNA0.1H0 V188TCY0.1H0 V188PHX0.1H0 V188KMX0.1H0 V188MSX0.1H0

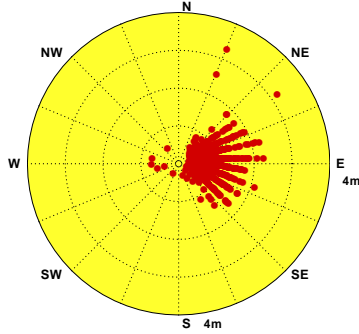
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

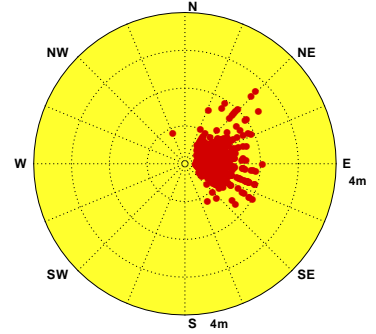
Wave of TPY0 at 2018/08 NO=744(100%)
 Hs : MEAN=.6m MAX=1.5m(N , 5s)
 N-E:26% E-S:0% S-W:23% W-N:51%



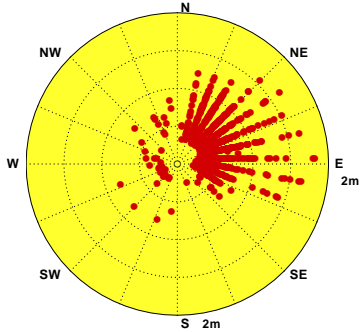
Wave of KLY0 at 2018/08 NO=744(100%)
 Hs : MEAN=.8m MAX=3.1m(NNE,9s)
 N-E:34% E-S:65% S-W:1% W-N:0%



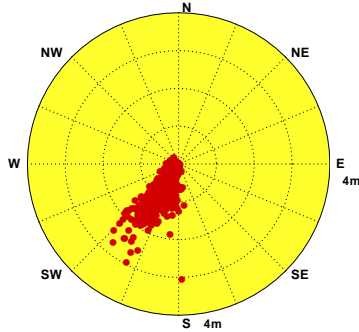
Wave of SAY0 at 2018/08 NO=744(100%)
 Hs : MEAN=.8m MAX=2.5m(NE,9s)
 N-E:37% E-S:63% S-W:0% W-N:0%



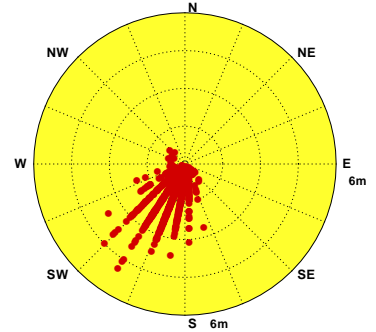
Wave of HLY0 at 2018/08 NO=744(100%)
 Hs : MEAN=.6m MAX=1.8m(E , 8s)
 N-E:69% E-S:27% S-W:2% W-N:2%



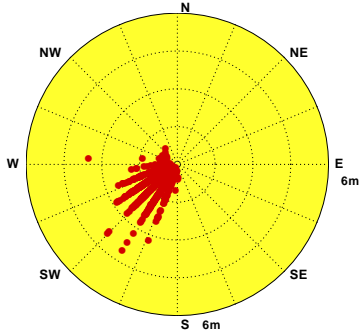
Wave of LTX0 at 2018/08 NO=744(100%)
 Hs : MEAN=.9m MAX=3.2m(S , 6s)
 N-E:0% E-S:0% S-W:99% W-N:0%



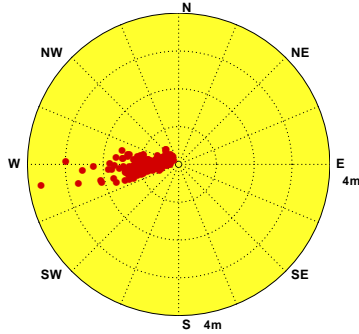
Wave of PNZ0 at 2018/08 NO=744(100%)
 Hs : MEAN=1.7m MAX=5.2m(SSW,8s)
 N-E:0% E-S:3% S-W:96% W-N:1%



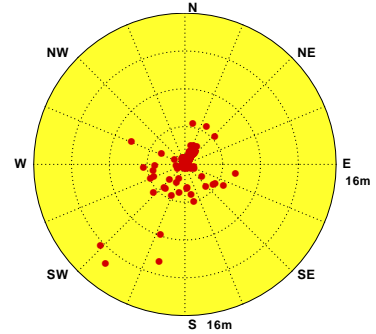
Wave of KHZ0 at 2018/08 NO=744(100%)
 Hs : MEAN=1.5m MAX=4.3m(SSW,7s)
 N-E:0% E-S:0% S-W:98% W-N:2%



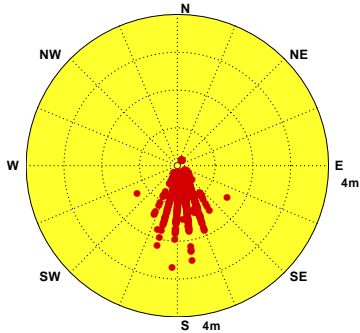
Wave of CNA0 at 2018/08 NO=744(100%)
 Hs : MEAN=.8m MAX=3.8m(W , 3s)
 N-E:0% E-S:0% S-W:95% W-N:5%



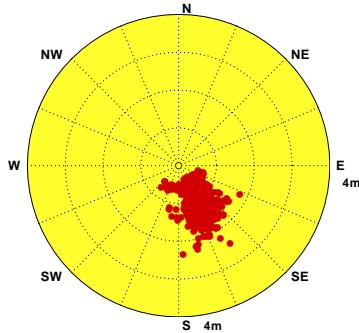
Wave of TCY0 at 2018/08 NO=744(100%)
 Hs : MEAN=.6m MAX=14.1m(SW,4s)
 N-E:21% E-S:10% S-W:59% W-N:10%



Wave of PHX0 at 2018/08 NO=744(100%)
 Hs : MEAN=1.0m MAX=2.8m(S , 8s)
 N-E:0% E-S:59% S-W:41% W-N:0%



Wave of KMX0 at 2018/08 NO=744(100%)
 Hs : MEAN=1.1m MAX=2.5m(SSE,8s)
 N-E:0% E-S:95% S-W:5% W-N:0%



Wave of MSX0 at 2018/08 NO=744(100%)
 Hs : MEAN=.4m MAX=1.4m(NE,15s)
 N-E:99% E-S:0% S-W:0% W-N:0%

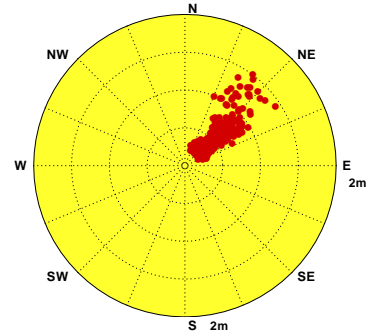


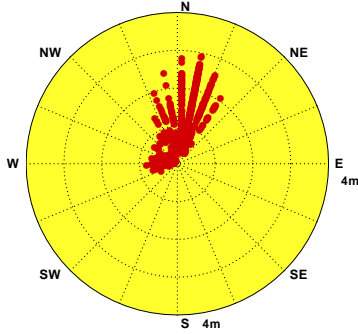
圖7.9b 2018年 8月12海域主要測站2修補後波高向量分佈圖

V188TPY0.1HA V188KLY0.1HA V188SAY0.1HA V188HLY0.1HA V188LTX0.1HA V188PNZ0.1HA
 V188KHZ0.1HA V188CNA0.1HA V188TCY0.1HA V188PHX0.1HA V188KMX0.1HA V188MSX0.1HA

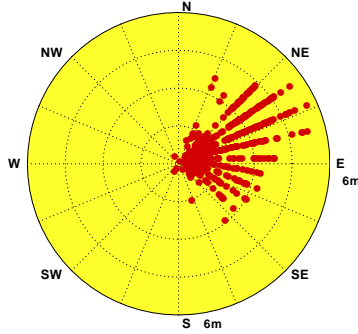
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

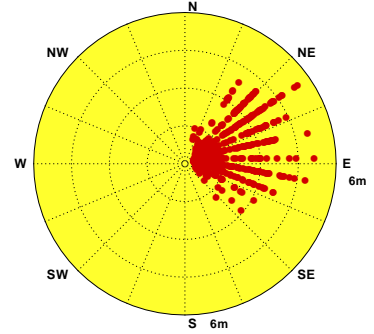
Wave of TPY0 at 2018/09 NO=720(100%)
Hs : MEAN=1.0m MAX=2.7m(N, 6s)
N-E:57% E-S:0% S-W:15% W-N:28%



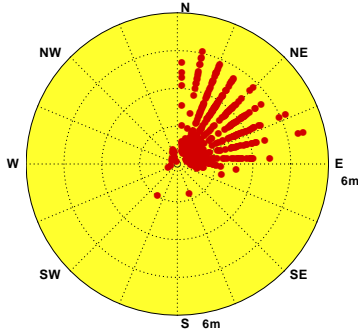
Wave of KLY0 at 2018/09 NO=714(99%)
Hs : MEAN=1.4m MAX=5.3m(ENE,11s)
N-E:53% E-S:46% S-W:1% W-N:0%



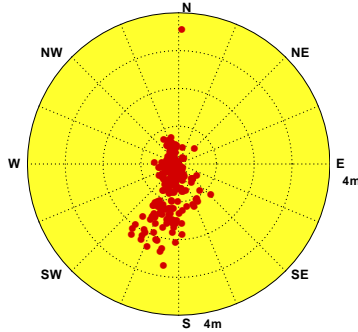
Wave of SAY0 at 2018/09 NO=715(99%)
Hs : MEAN=1.4m MAX=5.2m(NE,11s)
N-E:44% E-S:56% S-W:0% W-N:0%



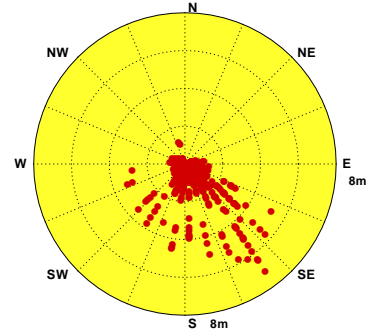
Wave of HLY0 at 2018/09 NO=720(100%)
Hs : MEAN=1.3m MAX=4.9m(ENE,10s)
N-E:73% E-S:25% S-W:1% W-N:1%



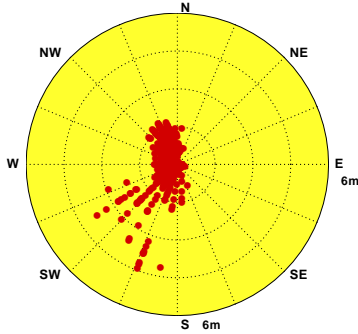
Wave of LTX0 at 2018/09 NO=472(66%)
Hs : MEAN=.6m MAX=3.4m(N,12s)
N-E:0% E-S:4% S-W:87% W-N:9%



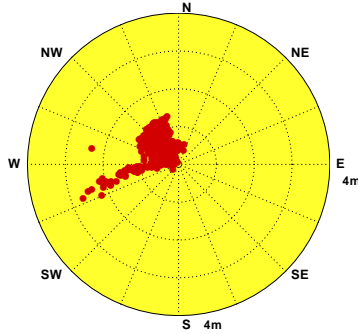
Wave of PNZ0 at 2018/09 NO=719(100%)
Hs : MEAN=1.1m MAX=7.2m(SE,13s)
N-E:0% E-S:54% S-W:45% W-N:1%



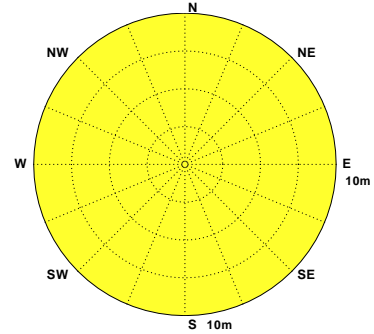
Wave of KHZ0 at 2018/09 NO=709(98%)
Hs : MEAN=.9m MAX=4.7m(SSW,9s)
N-E:1% E-S:0% S-W:54% W-N:45%



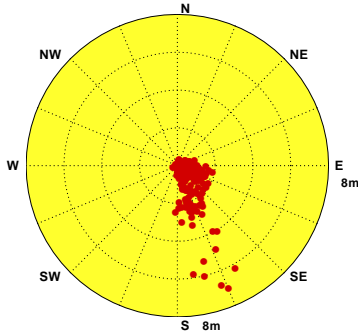
Wave of CNA0 at 2018/09 NO=711(99%)
Hs : MEAN=.7m MAX=2.8m(W,12s)
N-E:0% E-S:0% S-W:41% W-N:59%



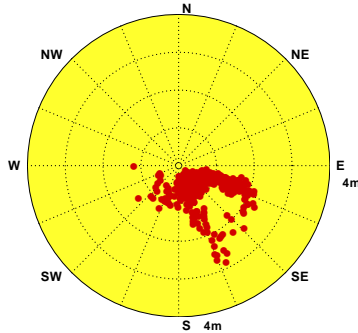
Wave of TCY0 at 2018/09



Wave of PHX0 at 2018/09 NO=720(100%)
Hs : MEAN=.8m MAX=7.2m(SSE,11s)
N-E:0% E-S:68% S-W:32% W-N:0%



Wave of KMX0 at 2018/09 NO=434(60%)
Hs : MEAN=1.1m MAX=3.0m(SSE,11s)
N-E:0% E-S:86% S-W:14% W-N:0%



Wave of MSX0 at 2018/09 NO=701(97%)
Hs : MEAN=.7m MAX=1.7m(NE,12s)
N-E:99% E-S:0% S-W:0% W-N:0%

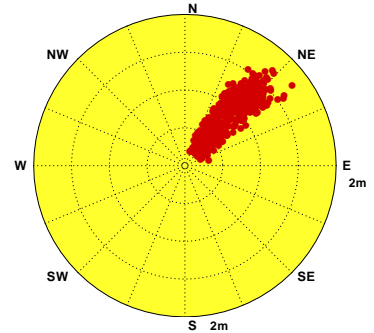


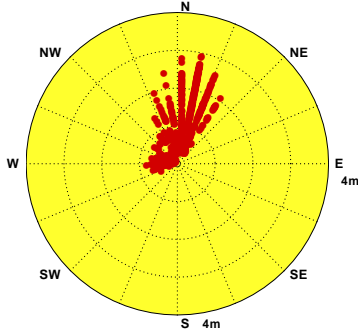
圖7.10a 2018年9月12海域主要測站2修補前波高向量分佈圖

V189TPY0.1H0 V189KLY0.1H0 V189SAY0.1H0 V189HLY0.1H0 V189LTX0.1H0 V189PNZ0.1H0
V189KHZ0.1H0 V189CNA0.1H0 V189TCY0.1H0 V189PHX0.1H0 V189KMX0.1H0 V189MSX0.1H0

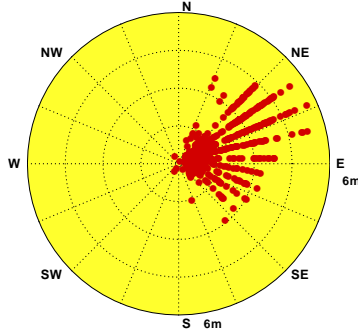
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Distribution of H_s Vectors

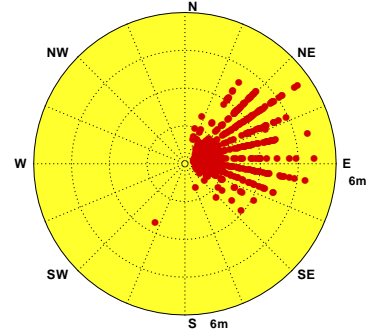
Wave of TPY0 at 2018/09 NO=720(100%)
 Hs : MEAN=1.0m MAX=2.7m(N, 6s)
 N-E:57% E-S:0% S-W:15% W-N:28%



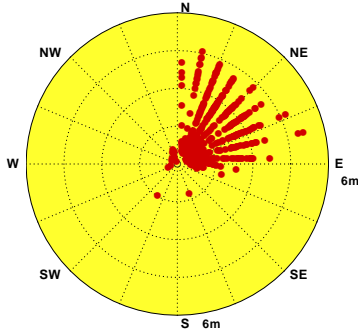
Wave of KLY0 at 2018/09 NO=720(100%)
 Hs : MEAN=1.4m MAX=5.3m(ENE,11s)
 N-E:53% E-S:46% S-W:1% W-N:0%



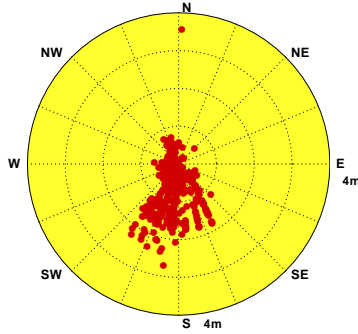
Wave of SAY0 at 2018/09 NO=720(100%)
 Hs : MEAN=1.4m MAX=5.2m(NE,11s)
 N-E:44% E-S:56% S-W:0% W-N:0%



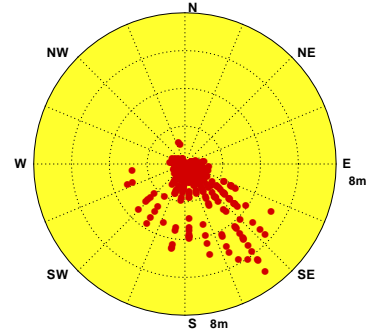
Wave of HLY0 at 2018/09 NO=720(100%)
 Hs : MEAN=1.3m MAX=4.9m(ENE,10s)
 N-E:73% E-S:25% S-W:1% W-N:1%



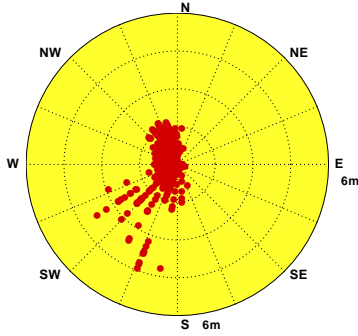
Wave of LTX0 at 2018/09 NO=720(100%)
 Hs : MEAN=.7m MAX=3.4m(N,12s)
 N-E:0% E-S:18% S-W:76% W-N:6%



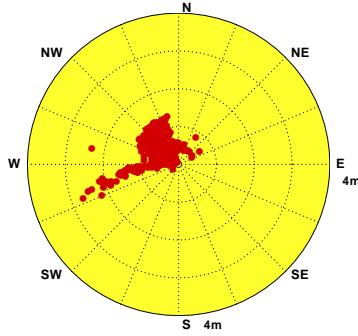
Wave of PNZ0 at 2018/09 NO=720(100%)
 Hs : MEAN=1.1m MAX=7.2m(SE,13s)
 N-E:0% E-S:54% S-W:45% W-N:1%



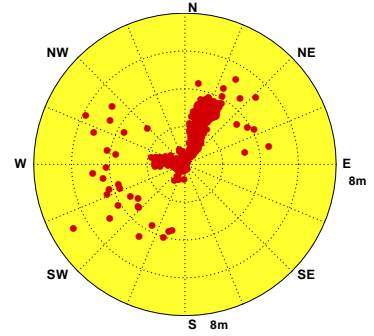
Wave of KHZ0 at 2018/09 NO=720(100%)
 Hs : MEAN=.9m MAX=4.7m(SSW,9s)
 N-E:1% E-S:0% S-W:54% W-N:45%



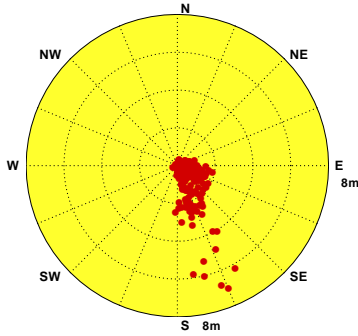
Wave of CNA0 at 2018/09 NO=720(100%)
 Hs : MEAN=.7m MAX=2.8m(WSW,12s)
 N-E:1% E-S:0% S-W:40% W-N:59%



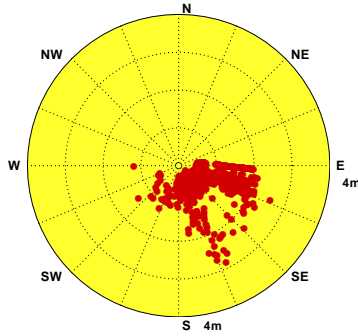
Wave of TCY0 at 2018/09 NO=720(100%)
 Hs : MEAN=1.6m MAX=7.1m(WSW,4s)
 N-E:64% E-S:0% S-W:32% W-N:4%



Wave of PHX0 at 2018/09 NO=720(100%)
 Hs : MEAN=.8m MAX=7.2m(SSE,11s)
 N-E:0% E-S:68% S-W:32% W-N:0%



Wave of KMX0 at 2018/09 NO=720(100%)
 Hs : MEAN=1.1m MAX=3.0m(SSE,11s)
 N-E:0% E-S:91% S-W:9% W-N:0%



Wave of MSX0 at 2018/09 NO=720(100%)
 Hs : MEAN=.7m MAX=1.7m(NE,12s)
 N-E:99% E-S:0% S-W:1% W-N:0%

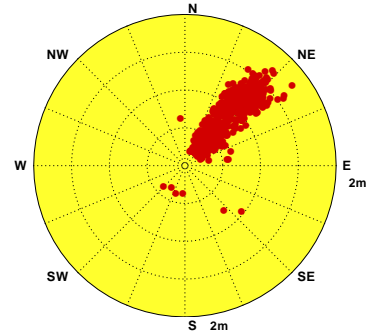


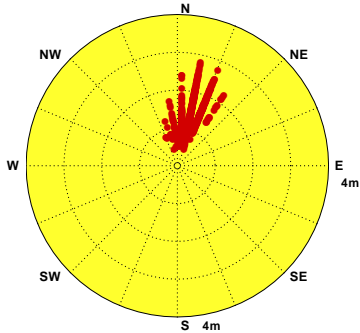
圖7.10b 2018年 9月12海域主要測站2修補後波高向量分佈圖

V189TPY0.1HA V189KLY0.1HA V189SAY0.1HA V189HLY0.1HA V189LTX0.1HA V189PNZ0.1HA
 V189KHZ0.1HA V189CNA0.1HA V189TCY0.1HA V189PHX0.1HA V189KMX0.1HA V189MSX0.1HA

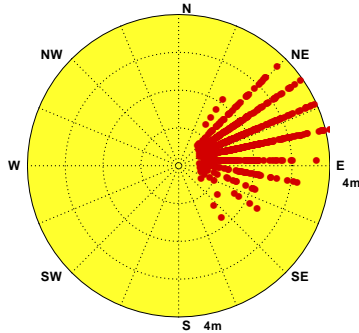
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

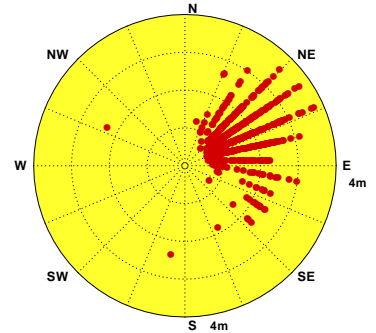
Wave of TPY0 at 2018/10 NO=739(99%)
 Hs : MEAN=1.3m MAX=2.6m(N, 6s)
 N-E:95% E-S:0% S-W:0% W-N:5%



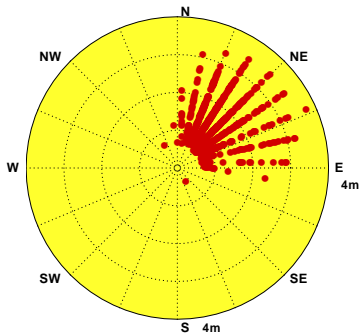
Wave of KLY0 at 2018/10 NO=739(99%)
 Hs : MEAN=1.6m MAX=4.0m(ENE,8s)
 N-E:79% E-S:21% S-W:0% W-N:0%



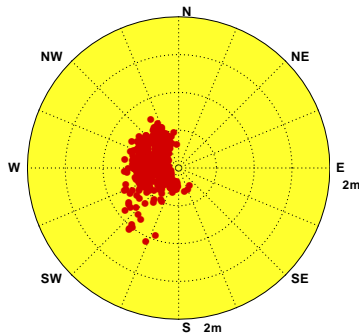
Wave of SAY0 at 2018/10 NO=739(99%)
 Hs : MEAN=1.4m MAX=3.6m(ENE,9s)
 N-E:87% E-S:13% S-W:0% W-N:0%



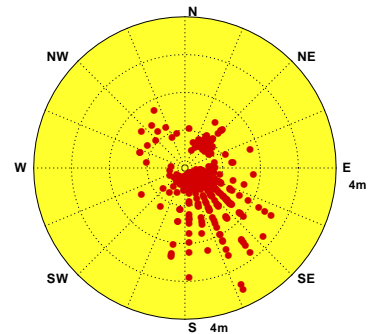
Wave of HLY0 at 2018/10 NO=742(100%)
 Hs : MEAN=1.4m MAX=3.6m(ENE,8s)
 N-E:96% E-S:4% S-W:0% W-N:0%



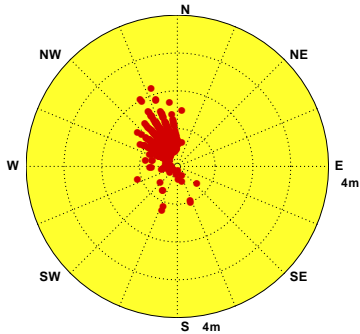
Wave of LTX0 at 2018/10 NO=740(99%)
 Hs : MEAN=.4m MAX=1.1m(SSW,15s)
 N-E:0% E-S:0% S-W:38% W-N:62%



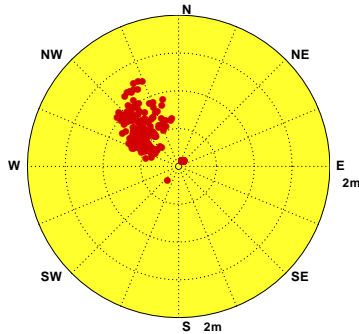
Wave of PNZ0 at 2018/10 NO=743(100%)
 Hs : MEAN=.7m MAX=3.7m(SSE,10s)
 N-E:11% E-S:78% S-W:9% W-N:2%



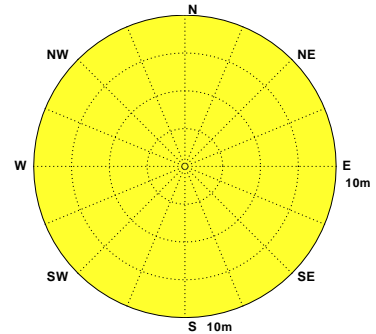
Wave of KHZ0 at 2018/10 NO=730(98%)
 Hs : MEAN=.7m MAX=2.1m(NNW,5s)
 N-E:0% E-S:0% S-W:4% W-N:96%



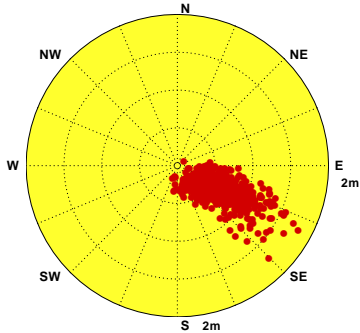
Wave of CNA0 at 2018/10 NO=358(48%)
 Hs : MEAN=.4m MAX=1.2m(NNW,4s)
 N-E:12% E-S:10% S-W:15% W-N:63%



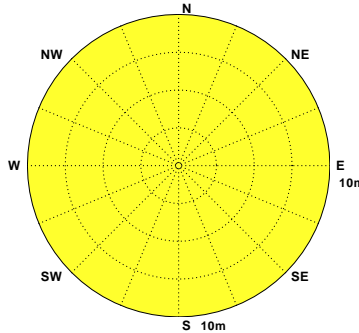
Wave of TCY0 at 2018/10



Wave of PHX0 at 2018/10 NO=648(87%)
 Hs : MEAN=.7m MAX=1.8m(ESE,5s)
 N-E:0% E-S:99% S-W:1% W-N:0%



Wave of KMX0 at 2018/10



Wave of MSX0 at 2018/10 NO=735(99%)
 Hs : MEAN=.7m MAX=1.6m(NE,12s)
 N-E:99% E-S:0% S-W:0% W-N:0%

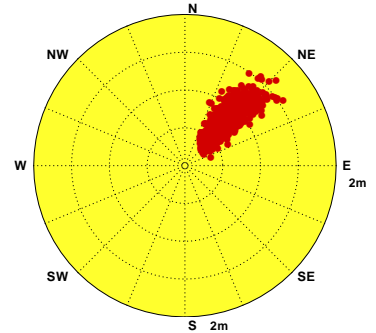


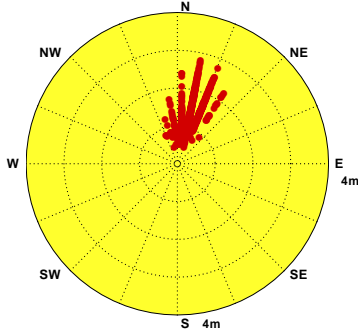
圖7.11a 2018年10月12海域主要測站2修補前波高向量分佈圖

V18ATPY0.1H0 V18AKLY0.1H0 V18ASAY0.1H0 V18AHL0.1H0 V18ALT0.1H0 V18APNZ0.1H0
 V18AKHZ0.1H0 V18ACNA0.1H0 V18ATCY0.1H0 V18APHX0.1H0 V18AKMX0.1H0 V18AMXS0.1H0

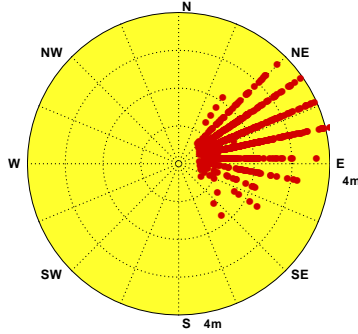
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Distribution of H_s Vectors

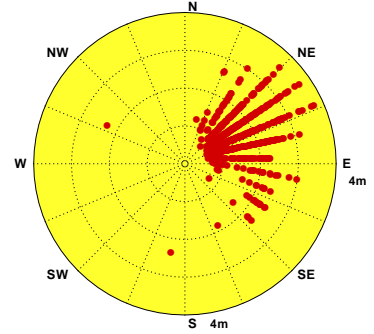
Wave of TPY0 at 2018/10 NO=744(100%)
Hs : MEAN=1.3m MAX=2.6m(N, 6s)
N-E:95% E-S:0% S-W:0% W-N:5%



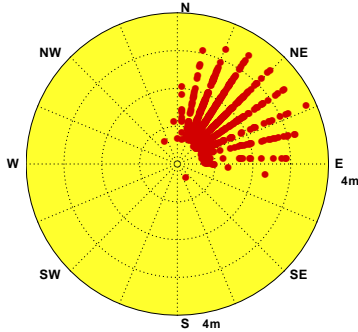
Wave of KLY0 at 2018/10 NO=744(100%)
Hs : MEAN=1.6m MAX=4.0m(ENE,8s)
N-E:79% E-S:21% S-W:0% W-N:0%



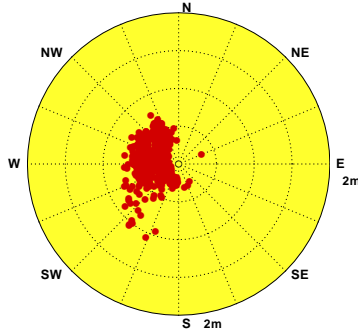
Wave of SAY0 at 2018/10 NO=744(100%)
Hs : MEAN=1.4m MAX=3.6m(ENE,9s)
N-E:87% E-S:13% S-W:0% W-N:0%



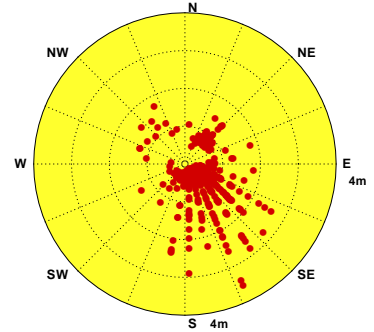
Wave of HLY0 at 2018/10 NO=744(100%)
Hs : MEAN=1.4m MAX=3.6m(ENE,8s)
N-E:96% E-S:4% S-W:0% W-N:0%



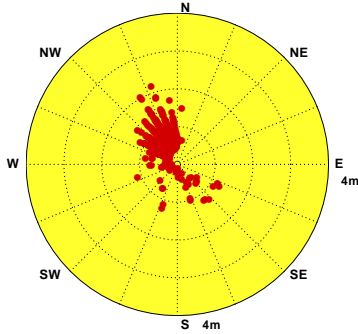
Wave of LTX0 at 2018/10 NO=744(100%)
Hs : MEAN=.4m MAX=1.1m(SSW,15s)
N-E:0% E-S:0% S-W:38% W-N:62%



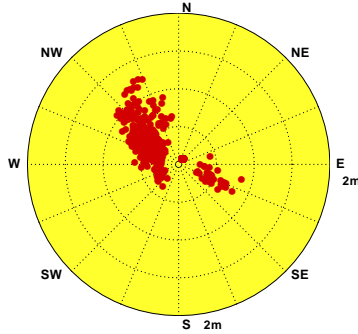
Wave of PNZ0 at 2018/10 NO=744(100%)
Hs : MEAN=.7m MAX=3.7m(SSE,10s)
N-E:11% E-S:78% S-W:9% W-N:2%



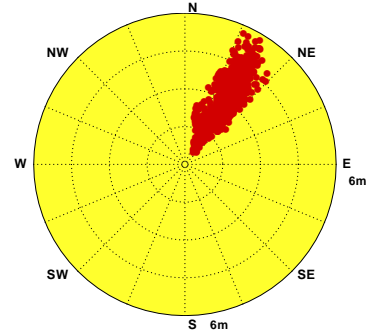
Wave of KHZ0 at 2018/10 NO=744(100%)
Hs : MEAN=.7m MAX=2.1m(NNW,5s)
N-E:0% E-S:2% S-W:4% W-N:94%



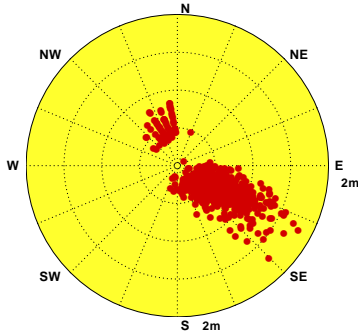
Wave of CNA0 at 2018/10 NO=744(100%)
Hs : MEAN=.4m MAX=1.2m(NNW,4s)
N-E:6% E-S:9% S-W:12% W-N:73%



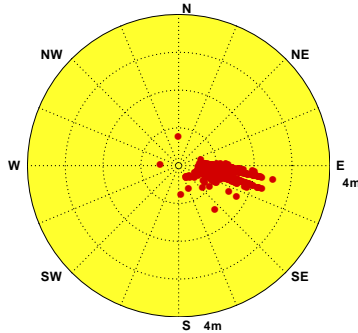
Wave of TCY0 at 2018/10 NO=744(100%)
Hs : MEAN=2.7m MAX=5.5m(NNE,7s)
N-E:99% E-S:0% S-W:0% W-N:0%



Wave of PHX0 at 2018/10 NO=744(100%)
Hs : MEAN=.6m MAX=1.8m(ESE,5s)
N-E:0% E-S:91% S-W:1% W-N:8%



Wave of KMX0 at 2018/10 NO=744(100%)
Hs : MEAN=1.1m MAX=2.4m(ESE,11s)
N-E:0% E-S:99% S-W:0% W-N:0%



Wave of MSX0 at 2018/10 NO=744(100%)
Hs : MEAN=.7m MAX=1.6m(NE,12s)
N-E:99% E-S:0% S-W:0% W-N:0%

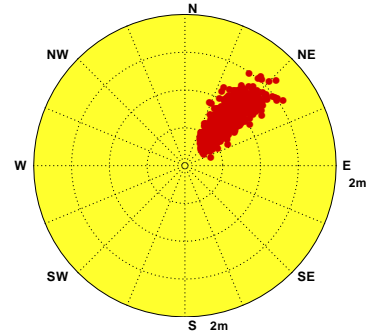


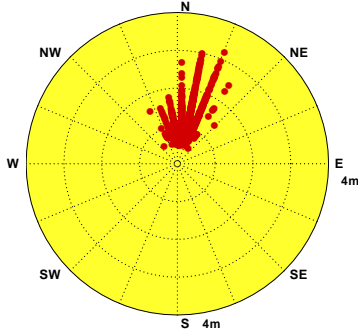
圖7.11b 2018年10月12海域主要測站2修補後波高向量分佈圖

V18ATPY0.1HA V18AKLY0.1HA V18ASAY0.1HA V18AHLY0.1HA V18ALT0.1HA V18APNZ0.1HA
V18AKHZ0.1HA V18ACNA0.1HA V18ATCY0.1HA V18APHX0.1HA V18AKMX0.1HA V18AMXS0.1HA

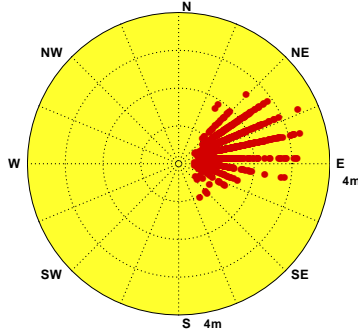
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Distribution of H_s Vectors

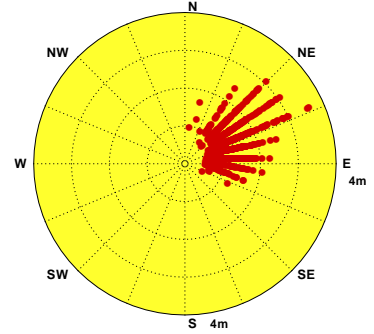
Wave of TPY0 at 2018/11 NO=715(99%)
Hs : MEAN=1.2m MAX=3.0m(NNE,6s)
N-E:81% E-S:0% S-W:0% W-N:19%



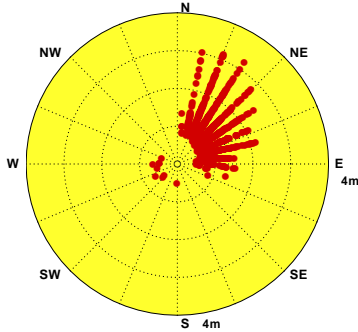
Wave of KLY0 at 2018/11 NO=713(99%)
Hs : MEAN=1.3m MAX=3.3m(ENE,7s)
N-E:69% E-S:31% S-W:0% W-N:0%



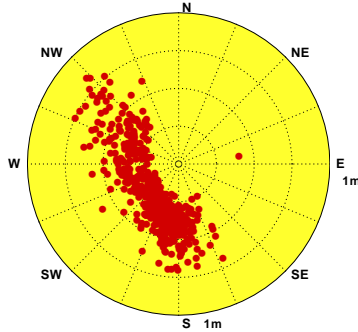
Wave of SAY0 at 2018/11 NO=713(99%)
Hs : MEAN=1.3m MAX=3.4m(ENE,7s)
N-E:79% E-S:21% S-W:0% W-N:0%



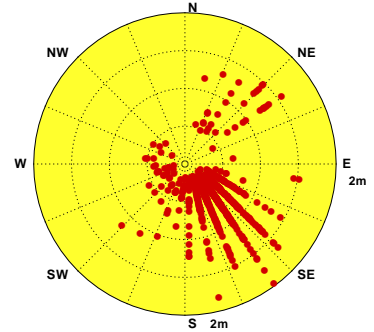
Wave of HLY0 at 2018/11 NO=717(100%)
Hs : MEAN=1.2m MAX=3.0m(NNE,6s)
N-E:90% E-S:9% S-W:1% W-N:0%



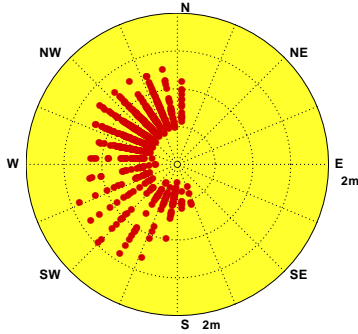
Wave of LTX0 at 2018/11 NO=539(75%)
Hs : MEAN=.4m MAX=.8m(NW,5s)
N-E:0% E-S:8% S-W:71% W-N:21%



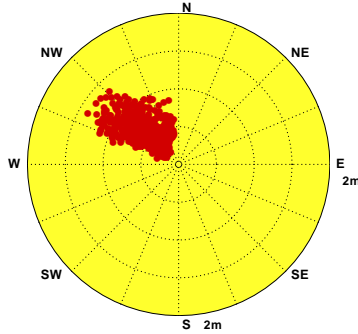
Wave of PNZ0 at 2018/11 NO=717(100%)
Hs : MEAN=.7m MAX=2.0m(SE,7s)
N-E:5% E-S:84% S-W:10% W-N:1%



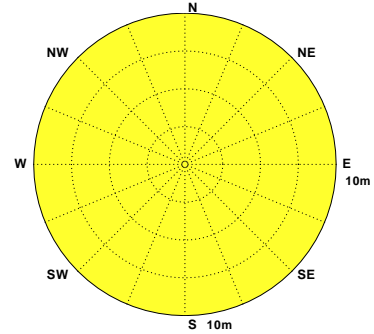
Wave of KHZ0 at 2018/11 NO=714(99%)
Hs : MEAN=.7m MAX=1.6m(SW,6s)
N-E:2% E-S:1% S-W:21% W-N:76%



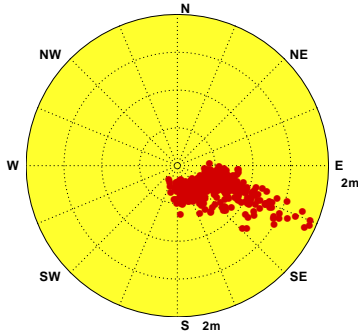
Wave of CNA0 at 2018/11 NO=717(100%)
Hs : MEAN=.6m MAX=1.4m(WNW,10s)
N-E:0% E-S:0% S-W:0% W-N:99%



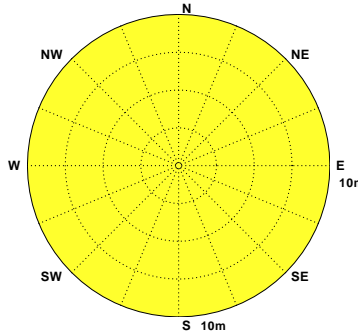
Wave of TCY0 at 2018/11



Wave of PHX0 at 2018/11 NO=491(68%)
Hs : MEAN=.6m MAX=1.9m(ESE,10s)
N-E:0% E-S:92% S-W:8% W-N:0%



Wave of KMX0 at 2018/11



Wave of MSX0 at 2018/11 NO=715(99%)
Hs : MEAN=.7m MAX=1.5m(NE,8s)
N-E:99% E-S:0% S-W:0% W-N:0%

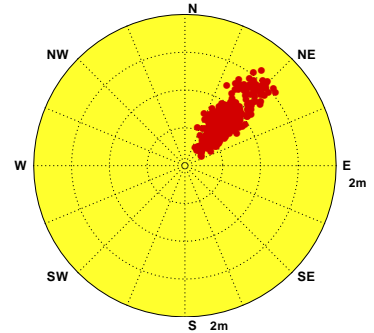


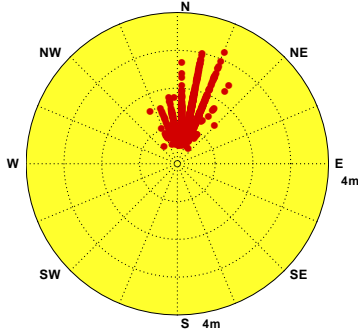
圖7.12a 2018年11月12海域主要測站2修補前波高向量分佈圖

V18BTPY0.1H0 V18BKLY0.1H0 V18BSAY0.1H0 V18BHLY0.1H0 V18BLTX0.1H0 V18BPNZ0.1H0
V18BKHZ0.1H0 V18BCNA0.1H0 V18BTCY0.1H0 V18BPHX0.1H0 V18BKMX0.1H0 V18BMSX0.1H0

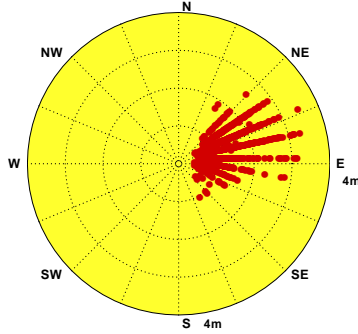
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Distribution of H_s Vectors

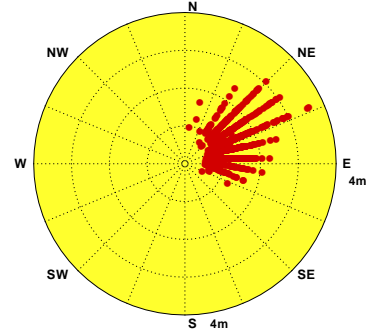
Wave of TPY0 at 2018/11 NO=720(100%)
 Hs : MEAN=1.2m MAX=3.0m(NNE,6s)
 N-E:81% E-S:0% S-W:0% W-N:19%



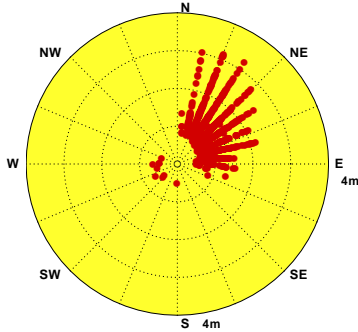
Wave of KLY0 at 2018/11 NO=720(100%)
 Hs : MEAN=1.3m MAX=3.3m(ENE,7s)
 N-E:69% E-S:31% S-W:0% W-N:0%



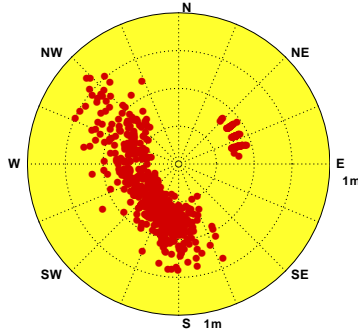
Wave of SAY0 at 2018/11 NO=720(100%)
 Hs : MEAN=1.3m MAX=3.4m(ENE,7s)
 N-E:79% E-S:21% S-W:0% W-N:0%



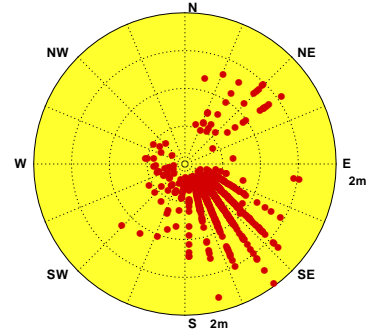
Wave of HLY0 at 2018/11 NO=720(100%)
 Hs : MEAN=1.2m MAX=3.0m(NNE,6s)
 N-E:90% E-S:9% S-W:1% W-N:0%



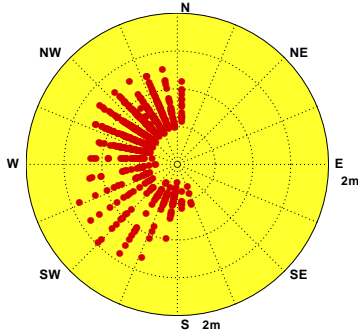
Wave of LTX0 at 2018/11 NO=720(100%)
 Hs : MEAN=.4m MAX=.8m(NW,5s)
 N-E:13% E-S:6% S-W:66% W-N:15%



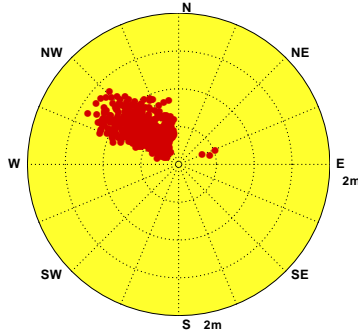
Wave of PNZ0 at 2018/11 NO=720(100%)
 Hs : MEAN=.7m MAX=2.0m(SE,7s)
 N-E:5% E-S:84% S-W:10% W-N:1%



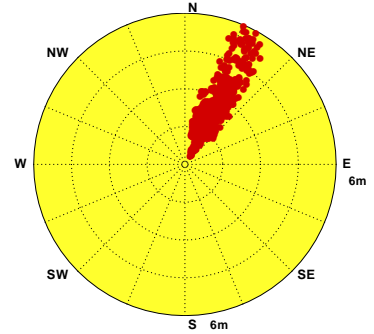
Wave of KHZ0 at 2018/11 NO=720(100%)
 Hs : MEAN=.7m MAX=1.6m(SW,6s)
 N-E:2% E-S:1% S-W:21% W-N:76%



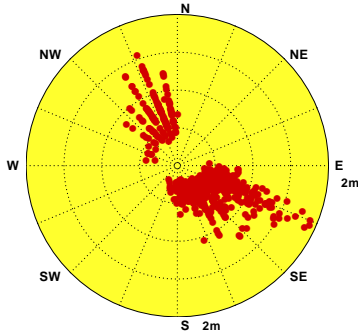
Wave of CNA0 at 2018/11 NO=720(100%)
 Hs : MEAN=.6m MAX=1.4m(WNW,10s)
 N-E:0% E-S:0% S-W:0% W-N:99%



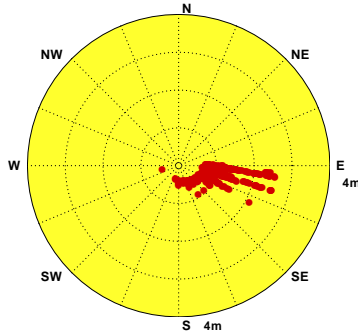
Wave of TCY0 at 2018/11 NO=720(100%)
 Hs : MEAN=2.3m MAX=5.7m(NNE,7s)
 N-E:99% E-S:0% S-W:0% W-N:0%



Wave of PHX0 at 2018/11 NO=720(100%)
 Hs : MEAN=.6m MAX=1.9m(ESE,10s)
 N-E:0% E-S:73% S-W:6% W-N:21%



Wave of KMX0 at 2018/11 NO=720(100%)
 Hs : MEAN=1.0m MAX=2.5m(E, 8s)
 N-E:0% E-S:99% S-W:1% W-N:0%



Wave of MSX0 at 2018/11 NO=720(100%)
 Hs : MEAN=.7m MAX=1.5m(NE,8s)
 N-E:99% E-S:0% S-W:0% W-N:0%

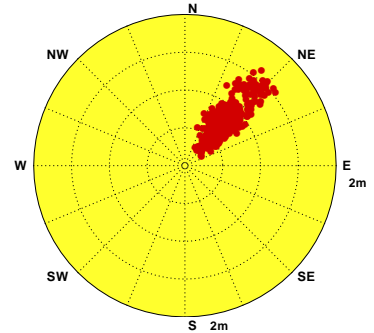


圖7.12b 2018年11月12海域主要測站2修補後波高向量分佈圖

V18BTPY0.1HA V18BKLY0.1HA V18BSAY0.1HA V18BHLY0.1HA V18BLTX0.1HA V18BPNZ0.1HA
 V18BKHZ0.1HA V18BCNA0.1HA V18BTCY0.1HA V18BPHX0.1HA V18BKMX0.1HA V18BMSX0.1HA

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