

109-031-7B74

MOTC-IOT-108-H3DA001b-Y4

2018 年港灣環境資訊網
海氣象觀測資料年報
(12 海域海流觀測資料)



交通部運輸研究所

中華民國 109 年 2 月

二〇一八年港灣環境資訊網海氣象觀測資料年報(十二海域海流觀測資料)

交通部運輸研究所

GPN : 1010900088

定價:100 元

109-031-7B74

MOTC-IOT-108-H3DA001b-Y4

2018 年港灣環境資訊網 海氣象觀測資料年報 (12 海域海流觀測資料)

著者：蘇青和、李俊穎、傅怡釗
蔣敏玲、劉清松、陳鈞彥

交通部運輸研究所

中華民國 109 年 2 月

國家圖書館出版品預行編目(CIP)資料

臺灣環境資訊網海氣象觀測資料年報(12 海域海流
觀測資料). 2018 年 / 蘇青和等著. -- 初版. --
臺北市 : 交通部運研所, 民 109.02
面 ; 公分
ISBN 978-986-531-060-8(平裝)

1. 海洋氣象

444.94

108022705

2018 年臺灣環境資訊網海氣象觀測資料年報(12 海域海流觀測資料)

編輯：蘇青和、李俊穎、傅怡釧、蔣敏玲、劉清松、陳鈞彥

出版機關：交通部運輸研究所

地址：10548 臺北市敦化北路 240 號

網址：www.ihmt.gov.tw (中文版> 中心出版品)

電話：(04)26587134

出版年月：中華民國 109 年 2 月

印刷者：

版(刷)次冊數：初版一刷 20 冊

本書同時登載於交通部運輸研究所臺灣技術研究中心網站

定價：100 元

展售處：

交通部運輸研究所運輸資訊組•電話：(02)23496880

國家書店松江門市：10485 臺北市中山區松江路 209 號 F1•電話：(02)25180207

五南文化廣場：40042 臺中市中山路 6 號•電話：(04)22260330

GPN：1010900088 ISBN：978-986-531-060-8 (平裝)

著作財產權人：中華民國(代表機關：交通部運輸研究所)

本著作保留所有權利，欲利用本著作全部或部份內容者，須徵求交通部運輸研究所書面授權。

交通部運輸研究所自行研究計畫出版品摘要表

出版品名稱：2018 年港灣環境資訊網海氣象觀測資料年報(12 海域海流觀測資料)			
國際標準書號(或叢刊號) ISBN 978-986-531-060-8 (平裝)	政府出版品統一編號 1010900088	運輸研究所出版品編號 109-031-7B74	計畫編號 108-H3DA001b-Y4
主辦單位：港灣技術研究中心 主管：蔡立宏 主持人：蘇青和 研究人員：李俊穎、傅怡釗、蔣敏玲、劉清松、陳鈞彥 研究助理：林珂如、謝佳紘 聯絡電話：04-26587175, 04-26587133, 04-26587132 傳真號碼：04-26571329			研究期間 自 108 年 01 月 至 108 年 12 月
關鍵詞:港灣環境資訊網、2018 年、12 海域、觀測海流資料、年報			
摘要： 本港灣環境資訊網觀測海流資料年報，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年觀測海流資料之觀測記錄表及逐時資料歷線圖。			
出版日期	頁數	定價	本出版品取得方式
109 年 2 月	578	100 元	凡屬機密性出版品均不對外公開。普通性出版品，公營、公益機關團體及學校可函洽本所免費贈閱；私人及私營機關團體可按定價價購。
機密等級： <input type="checkbox"/> 密 <input type="checkbox"/> 機密 <input type="checkbox"/> 極機密 <input type="checkbox"/> 絕對機密 （解密條件： <input type="checkbox"/> 年 月 日解密， <input type="checkbox"/> 公布後解密， <input type="checkbox"/> 附件抽存後解密， <input type="checkbox"/> 工作完成或會議終了時解密， <input type="checkbox"/> 另行檢討後辦理解密） <input checked="" type="checkbox"/> 普通			
備註：本研究之結論與建議不代表交通部之意見。			

**PUBLICATION ABSTRACTS OF RESEARCH PROJECTS
INSTITUTE OF TRANSPORTATION
MINISTRY OF TRANSPORTATION AND COMMUNICATIONS**

TITLE: Annual Report of Observation Data of Currents in Twelve Offshoe Regions at 2018			
ISBN(OR ISSN) 978-986-531-060-8 (pbk)	GOVERNMENT PUBLICATIONS NUMBER 1010900088	IOT SERIAL NUMBER 109-031-7B74	PROJECT NUMBER 108-H3DA001b-Y4
DIVISION: HARBOR & MARINE TECHNOLOGY CENTER DIVISION DIRECTION: Li-Hung Tsai PRINCIPAL INVESTIGATOR: Ching-Ho Su PROJECT STAFF: Chun-Ying Lee, Yi-Chuan Fu, Min-Ling Chiang, Ching-Sung Liu Chun-Yen Chen, Jenny Lin, Chia-Hon Shieh PHONE: 886-4-26587175, 886-4-26587133, 886-4-26587132 FAX: 886-4-26571329			PROJECT PERIOD FROM January 2019 TO December 2019
KEY WORDS: Harbor Environment Information Website, 2018, Twelve Off-shoe Regions ,Observation Data of Currents, Annual Report			
ABSTRACT: <p>This Annual report 2018 of Harbor Environment Information Website(HEIV) covers the observation data of currents near the twelve offshoe regions(Pei-Miao Seas, North Seas, Yi-Lan Seas, Haw-lien Seas, Tai-Tung Seas, Peng-Tung Seas, Kao-Hsiung Seas, Chia-Nan Seas, Chung-Yun Seas, Peng-Hu Seas, Kin-Men Seas and Ma-Tsu Seas) in Taiwan. The contents in this Annual report include the records of observation and the time series of data.</p>			
DATE OF PUBLICATION February 2020	NUMBER OF PAGES 578	PRICE 100	CLASSIFICATION <input type="checkbox"/> RESTRICTED <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input type="checkbox"/> TOP SECRET <input checked="" type="checkbox"/> UNCLASSIFIED
The views expressed in this publication are not necessarily those of the Ministry of Transportation and Communications.			

2018 年港灣環境資訊網海氣象觀測資料年報 (12 海域海流觀測資料)

目 錄

中文摘要	I
英文摘要	II
目錄	III
誌謝	V
第 0 章 2018 年臺灣 12 海域觀測海流資料蒐集	0-1
第一章 2018 年 12 海域海流資料圖表	1-1
第二章 2018 年 12 海域海流 主要測站 1 流速及流向統計表	2-1
第三章 2018 年 12 海域海流 主要測站 1 每月歷線比較圖	3-1
第四章 2018 年 12 海域海流 主要測站 1 每月向量分佈及行進圖	4-1
第五章 2018 年 12 海域海流 主要測站 2 流速及流向統計表	5-1
第六章 2018 年 12 海域海流 主要測站 2 每月歷線比較圖	6-1
第七章 2018 年 12 海域海流 主要測站 2 每月向量分佈及行進圖	7-1
第八章 2018 年 12 海域海流 主要測站 3 流速及流向統計表	8-1
第九章 2018 年 12 海域海流 主要測站 3 每月歷線比較圖	9-1
第十章 2018 年 12 海域海流 主要測站 3 每月向量分佈及行進圖	10-1

誌 謝

2018 年港灣環境資訊網觀測海流資料年報，蒐集之 12 海域海流資料，除本中心自行觀測之外，在小琉球海上浮標(測站 Y)、龍洞海上浮標(測站 Y)、富貴角海上浮標(測站 R)、東吉島海上浮標(測站 Z)、七美海上浮標(測站 R)、測站 Z(蘭嶼浮標站)、測站 R(遠洋浮標站)及馬祖海上浮標(測站 Y)等，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(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)等觀測海流資料，係經濟部 水利署(WRA)提供，謹致謝忱。

其他金門后江灣海上浮標(測站 Z) 觀測海流儀，係 國立成功大學水文中心(COMC)裝設；彰濱外海浮標站(測站 Y) 海流儀，係 海科中心(TORI)所設置；曾文溪外海浮標(測站 V)、鹿耳門溪口外海浮標(測站 U) 海流儀屬 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 2018 年臺灣 12 海域觀測海流資料蒐集

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)、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 海域觀測海流資料測站統計表如表 C1。

表 C1 臺灣 12 海域觀測海流資料測站統計表

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	1	1	0	0	0	
2	北端海域	3	1	2	0	0	
3	宜蘭海域	2	1	0	1	0	
4	花蓮海域	1	1	0	0	0	
5	臺東海域	3	1	1	1	0	
6	屏東海域	2	0	0	2	0	
7	高雄海域	5	4	0	1	0	
8	嘉南海域	6	2	0	2	2	
9	中雲海域	5	2	0		3	
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	37	20	2	9	6	

註:資料更新時間為 2018 年。

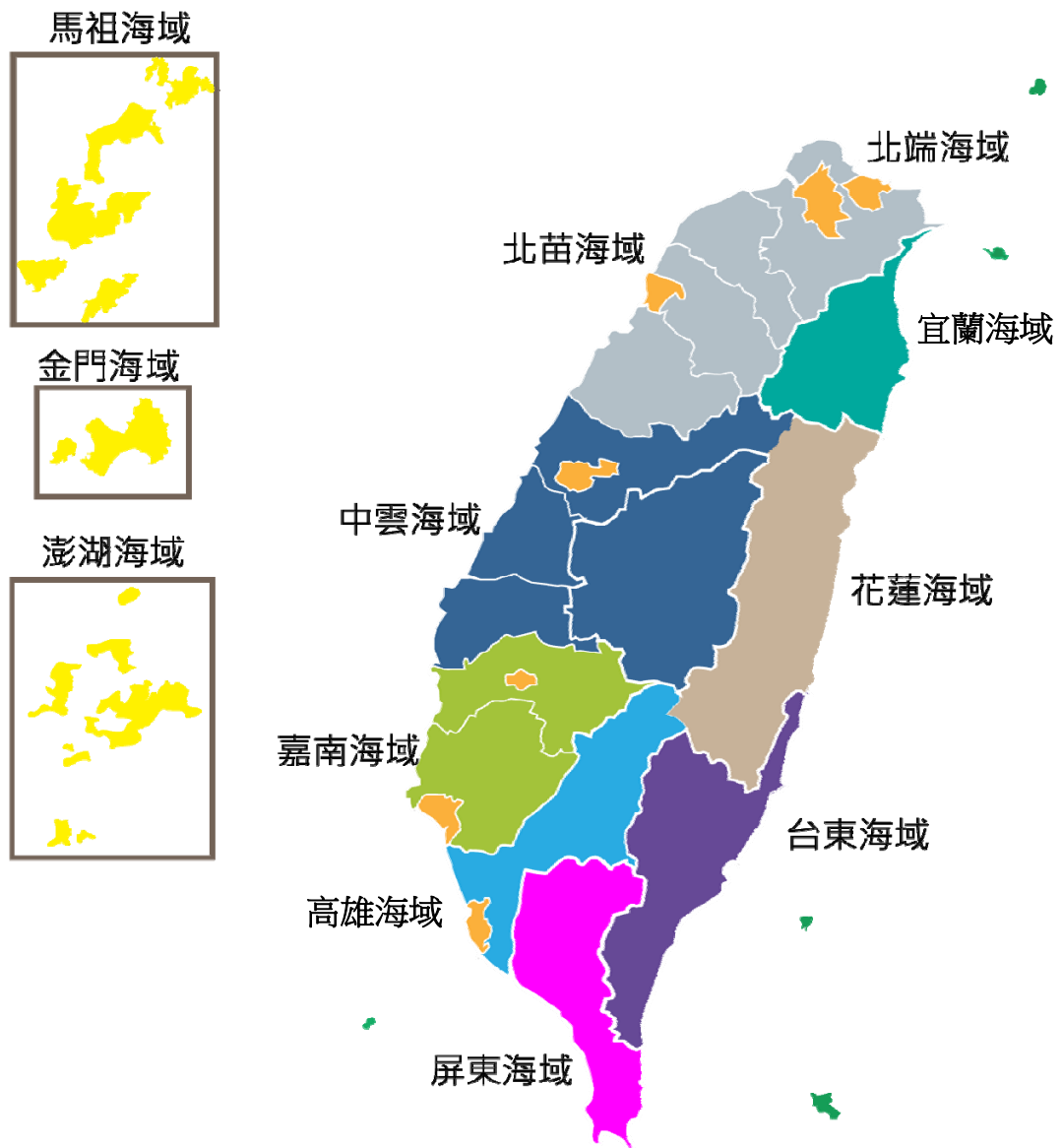


圖 A1 臺灣 12 海域區分示意圖

2018 年北苗海域觀測海流資料

北苗海域海流之觀測 1996 年 10 月至 2004 年 9 月本中心(IHMT)於臺北港外海舊觀測樁(稱測站 X0)，儀器為觀測樁水下 5 米之 Inter Ocean 公司 S-4ADW 潮波流儀。2004 年 12 月以後新觀測樁測站(稱測站 X1)，如附圖 CP1，並改為安置 AWCP 即時傳送監測系統。歷年觀測海流資料蒐集概況如表 CP1。

S-4ADW 潮波流儀儀器收取每小時之前 10 分鐘之 V_E 、 V_N 速分量；取樣頻率為 2Hz，所得之數據加以平均得出該小時之平均流速、平均流向等資料。

AWCP 剖面海流流速的量測可以依照使用在不同水深即自固定在海床上之儀器位置到水表面來設定量測不同的間距，本觀測站水深間距設定為 1~2 公尺；每小時連續量測 600 秒，再將總和平均代表其數樣每一間距層之海流流速、流向等資料，記錄在感應器內，並每隔 1 小時經由海底電纜傳訊回接收站之電腦中儲存。

表 CP1 北苗海域觀測海流資料蒐集概況表(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

北苗海域

 IHMT 觀測樁波潮流站

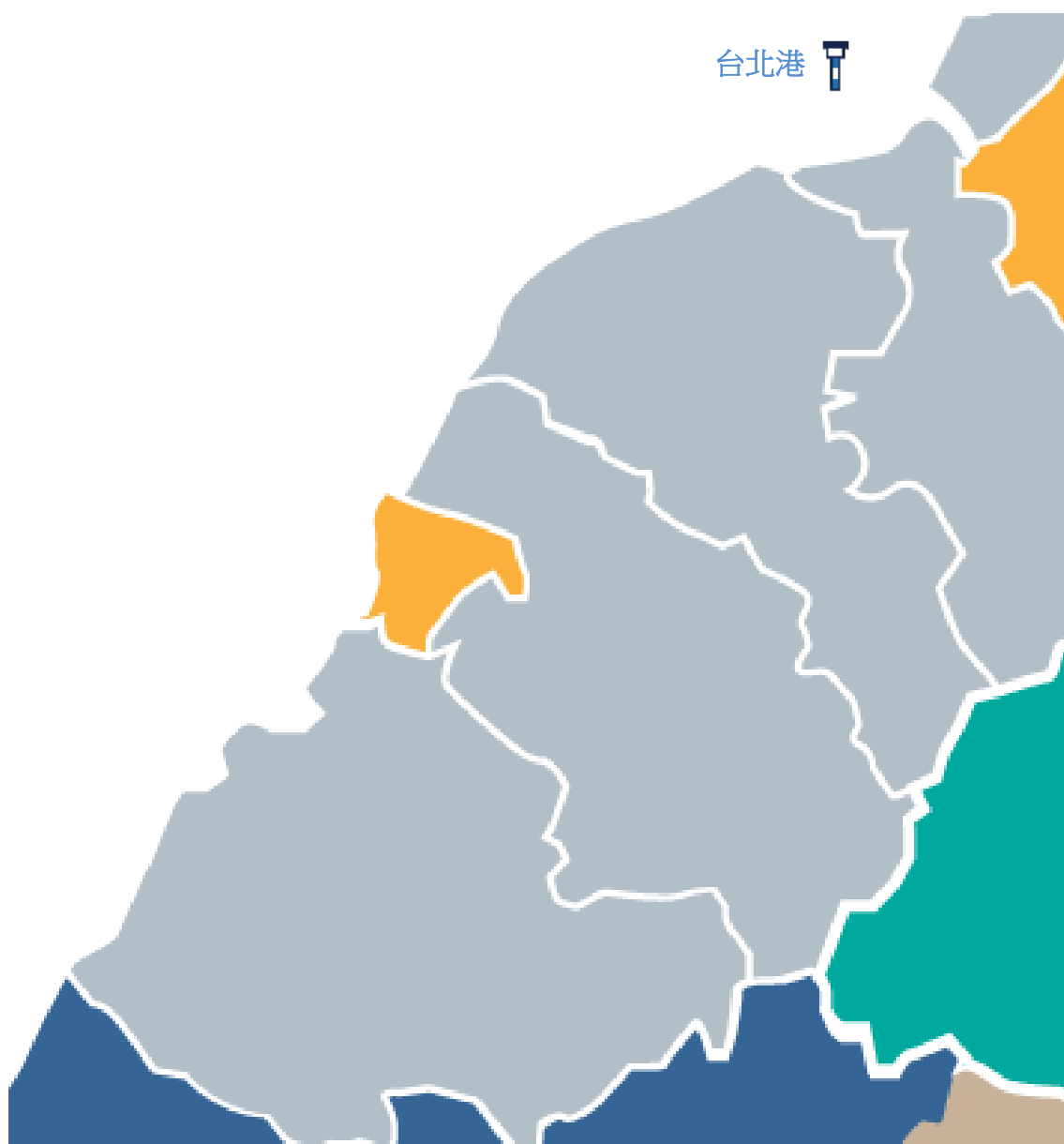


圖 CP1 北苗海域海流觀測站位置示意圖

2018 年北端海域觀測海流資料

北端海域(富貴角~龍洞)海流之觀測，本中心於 2001 年 6 月中旬安置挪威 NORTEK 公司之剖面海流表面波浪與潮汐之監測系統(簡稱 AWCP)，安裝在基隆港東防波堤堤頭外水深 44 公尺處(測站 X0)，如附圖 CK1，2006 年 8 月因防波堤延伸工程，移至西防波堤堤外水深 36 公尺位置(測站 X1)。2011 年 8 月，安裝在東防波堤堤頭北方約 200 公尺，水深 48 公尺(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)海流儀屬中央氣象局(CWB)所有，歷年觀測海流資料蒐集概況如表 CK1。

剖面海流流速的量測可以依照使用在不同水深即自固定在海床上之儀器位置到水表面來設定量測不同的間距，基隆港觀測站水深間距設定為 2 公尺；每小時連續量測 600 秒，再將總和平均代表其數樣每一間距層之海流流速、流向等資料，記錄在感應器內，並每隔 1 小時經由海底電纜傳訊回接收站之電腦中儲存。

表 CK1 北端海域觀測海流資料蒐集概況表(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	2016/08-2018/11(觀測中)	中央氣象局	龍洞浮標站
R	25°18'15"N	121°32'05"E	2017/08-2018/11(觀測中)	中央氣象局	富貴角浮標

北端海域



圖 CK1 北端海域海流觀測站位置示意圖

2018 年宜蘭海域觀測海流資料

宜蘭海域海流之觀測本中心於 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)海流觀測站，其位置如附圖 CS1。

測站 Y(蘇澳外海浮標站)之海流儀屬水利署所有，各測站歷年觀測海流資料蒐集概況如表 CS1。

剖面海流流速的量測可以依照使用在不同水深即自固定在海床上之儀器位置到水表面來設定量測不同的間距，蘇澳港觀測站水深間距設定為 1 公尺；每小時連續量測 600 秒，再將總和平均代表其數樣每一間距層之海流流速、流向等資料，記錄在感應器內，並每隔 1 小時經由海底電纜傳訊回接收站之電腦中儲存。

表 CS1 宜蘭海域觀測海流資料蒐集概況表(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

宜蘭海域



圖 CS1 宜蘭海域海流觀測站位置示意圖

2018 年花蓮海域觀測海流資料

花蓮海域海流之觀測係本中心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 CL1。歷年觀測海流資料蒐集概況如表 CL1。

剖面海流流速的量測可以依照使用在不同水深即自固定在海床之上儀器位置到水表面來設定量測不同的間距，花蓮港觀測站水深間距設定為 1~3 公尺；每小時連續量測 600 秒，再將總和平均代表其數樣每一間距層之海流流速、流向等資料，記錄在感應器內，並每隔 1 小時經由海底電纜傳訊回接收站之電腦中儲存。

表 CL1 花蓮海域觀測海流資料蒐集概況表(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

花蓮海域

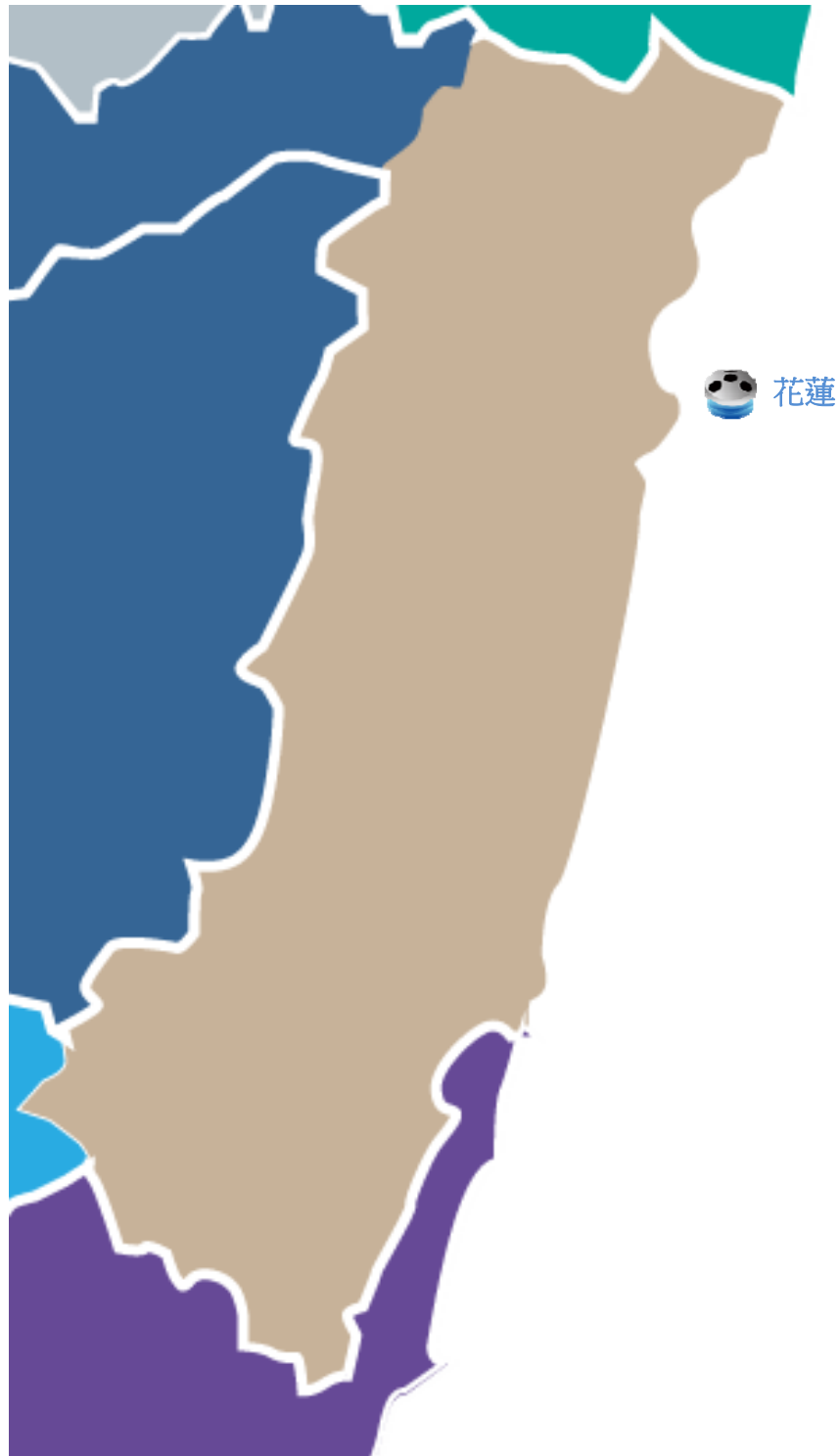


圖 CL1 花蓮海域海流觀測站位置示意圖

2018 年臺東海域觀測海流資料

臺東海域綠島南寮港海流之觀測係 2014 年 10 月本中心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)海流觀測站，其位置如附圖 CJ1。

測站 R(遠洋浮標站)之海流儀屬中央氣象局(CWB) 所有，測站 Y(台東外海浮標站)之海流儀也皆屬水利署所有。臺東海域各測站歷年觀測海流資料蒐集概況如表 CJ1。

剖面海流流速的量測可以依照使用在不同水深即自固定在海床上之儀器位置到水表面來設定量測不同的間距，蘇澳港觀測站水深間距設定為 1 公尺；每小時連續量測 600 秒，再將總和平均代表其數樣每一間距層之海流流速、流向等資料，記錄在感應器內，並每隔 1 小時經由海底電纜傳訊回接收站之電腦中儲存。

表 CJ1 臺東海域觀測海流資料蒐集概況表(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
R	21°40'36"N	124°03'48"E	2012/07-2017/11	中央氣象局	遠洋浮標站

臺東海域



圖 CJ1 臺東海域海流觀測站位置示意

2018 年屏東海域觀測海流資料

屏東海域海流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 CD1。測站 Z(鵝鑾鼻外海浮標站) 之海流儀則屬水利署(WRA)所有。各測站歷年觀測風資料蒐集概況如表 CD1。

表 CD1 屏東海域觀測海流資料蒐集概況表(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	2003/11-2015/09	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

屏東海域

 WRA 浮標海流站  CWB 浮標海流站

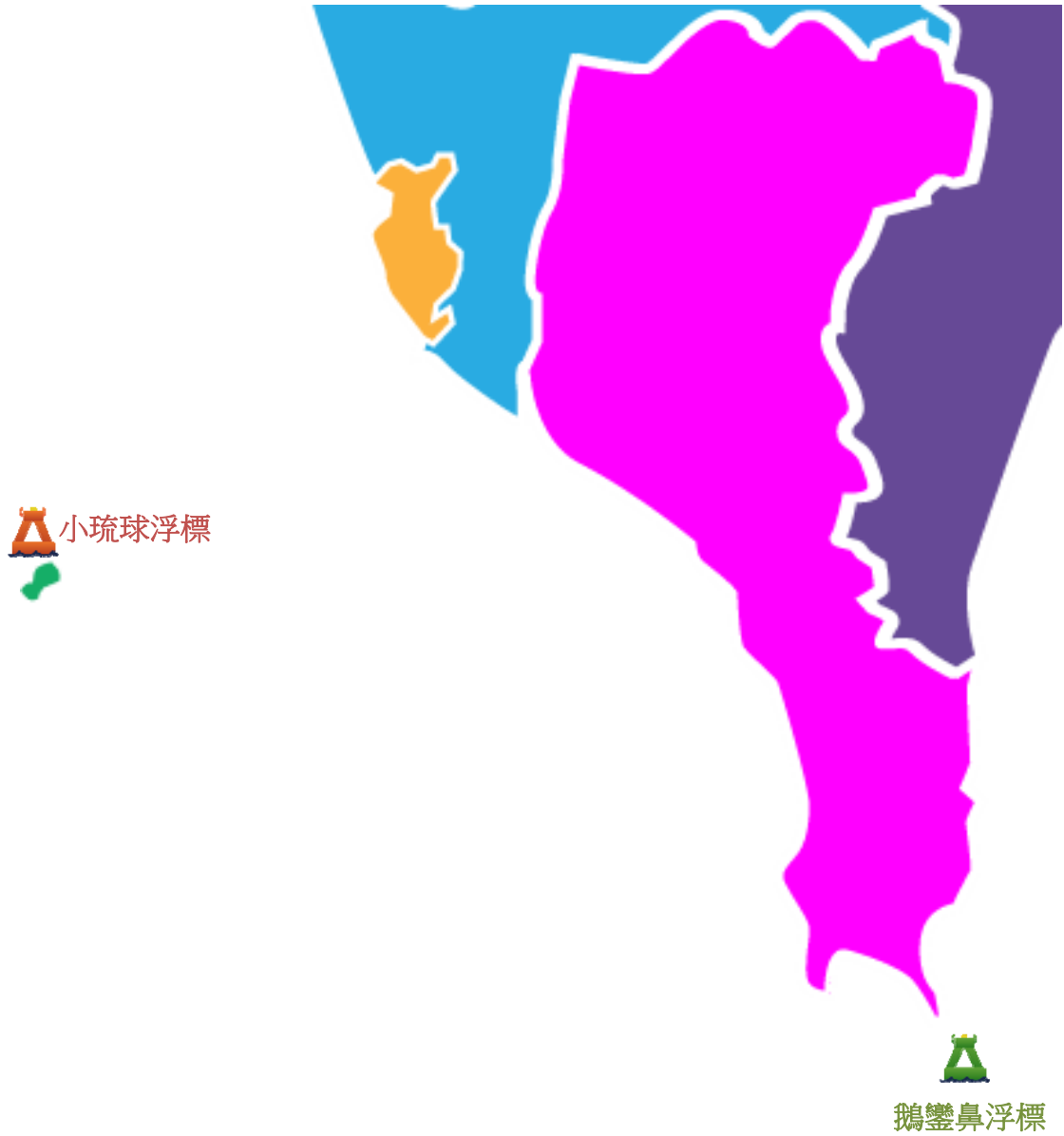


圖 CD1 屏東海域海流觀測站位置示意圖

2018 年高雄海域觀測海流資料

高雄海域海流觀測係本中心(IHMT)2000 年 12 月於中區污水處理廠附近海域安置 NORTEK 公司之剖面海流與海流即時監測系統(測站 X0)，如圖 CH1，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(稱測站 A 及測站 1)，增設潮波流儀。

測站 Z(彌陀外海浮標站)之海流儀則屬水利署(WRA)所有。高雄海域各測站歷年觀測海流資料蒐集概況如表 CH1。

剖面海流流速的量測可以依照使用在不同水深即自固定在海床上之儀器位置到水表面來設定量測不同的間距，高雄港觀測站水深間距設定為 1 公尺；每小時連續量測 600 秒，再將總和平均代表其數樣每一間距層之海流流速、流向等資料，記錄在感應器內，並每隔 1 小時經由海底電纜傳訊回接收站之電腦中儲存。

表 CH1 高雄海域觀測海流資料蒐集概況表(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 浮標海流站



圖 CH1 高雄海域海流觀測站位置示意圖

2018 年嘉南海域觀測海流資料

嘉南海域海流之觀測係本中心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 CB1，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海流與潮汐之監測系統(AWCP)，觀測資料至觀測樁於 2011 年 7 月拆除為止，2011 年 7 月於南堤外海增設剖面海流表面波浪與潮汐之監測系統(AWCP) (稱**測站 A1**)。另本中心於 2006 年 6 月於布袋港外附近(稱**測站 A**)水深約 7 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) 觀測站。

測站 Y(七股外海浮標站)及**測站 Z**(七股雷達站)海流儀屬水利署所有。曾文浮標站**測站 V**、鹿耳門溪口外海浮標(**測站 U**)海流儀則屬臺灣中油所設置。安平海域各測站歷年觀測海流資料蒐集概況如表 CB1。

表 CB1 嘉南海域觀測海流資料蒐集概況表(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	2012/08-2018/11(觀測中)	港研中心	AWCP 布袋港
V	23°04'29"N	119°57'40"E	2013/08-2016/10	臺灣中油	曾文浮標站
U	22°59'22"N	120°02'26"E	2015/09-2018/09(觀測中)	臺灣中油	鹿耳門浮標站

嘉南海域





 IHMT 波潮流站	 IHMT 觀測樁波潮流站
 WRA 浮標海流站	 CPC 浮標海流站



圖 CB1 嘉南海域海流觀測站位置示意圖

2018 年中雲海域觀測海流資料

中雲海域(臺中~雲林)海流之觀測本中心(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 CG1，2000 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(NORTEK)波高波向與剖面海流即時傳送監測系統，安裝在臺中港北防波堤堤頭 150 公尺、水深 25 公尺處(稱**測站 X1**)。

測站 Y(彰濱外海浮標站)之海流儀屬海科中心(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)之海流儀屬中興工程所設置。臺中海域各測站歷年觀測海流資料蒐集概況如表 CG1。

剖面海流流速的量測可以依照使用在不同水深即自固定在海床上之儀器位置到水表面來設定量測不同的間距，臺中港觀測站水深間距設定為 1 公尺；每小時連續量測 600 秒，再將總和平均代表其數樣每一間距層之海流流速、流向等資料，記錄在感應器內，並每隔 1 小時經由海底電纜傳訊回接收站之電腦中儲存。

表 CG1 中雲海域觀測海流資料蒐集概況表(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	2012/07-2016/12	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 浮標海流站



圖 CG1 中雲海域海流觀測站位置示意圖

2018 年澎湖海域觀測海流資料

澎湖海域海流之觀測，本中心(IHMT)於 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 CN1。

測站 Y(澎湖外海浮標站)之海流儀屬水利署(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(東吉島海流站)及七美海上浮標(測站 R)之海流儀屬中央氣象局(CWB)所有。各觀測站歷年觀測海流資料蒐集概況如表 CN1。

剖面海流流速的量測可以依照使用在不同水深即自固定在海床上之儀器位置到水表面來設定量測不同的間距，澎湖港觀測站水深間距設定為 2 公尺；每小時連續量測 600 秒，再將總和平均代表其數樣每一間距層之海流流速、流向等資料，記錄在感應器內，並每隔 1 小時經由海底電纜傳訊回接收站之電腦中儲存。

表 CN1 澎湖海域觀測海流資料蒐集概況表(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	2010/07-2018/11(觀測中)	水利署	澎湖資料浮標
Z	23°15'23"N	119°41'2"E	2013/10-2018/11(觀測中)	中央氣象局	東吉島資料浮標
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 CN1 澎湖海域海流觀測站位置示意圖

2018 年金門海域觀測海流資料

金門海域海流之觀測 2014 年 2 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(稱測站 X)及水頭港區(稱測站 A) ，其位置如附圖 CM1。

測站 Y 外海浮標站之海流儀屬水利署(WRA)所有，測站 Z 外後江灣小浮標之海流儀屬近海水文中心(COMC)設置。金門海域各測站歷年觀測海流資料蒐集概況如表 CM1。

剖面海流流速的量測可以依照使用在不同水深即自固定在海床上之儀器位置到水表面來設定量測不同的間距，金門港觀測站水深間距設定為 1~2 公尺；每小時連續量測 600 秒，再將總和平均代表其數樣每一間距層之海流流速、流向等資料，記錄在感應器內，並每隔 1 小時經由海底電纜傳訊回接收站之電腦中儲存。

表 CM1 金門海域觀測海流資料蒐集概況表(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	金門海域資料浮標
Z	24°30'27"N	118°22'24"E	2013/12-2014/07	水文中心	后江灣小浮標

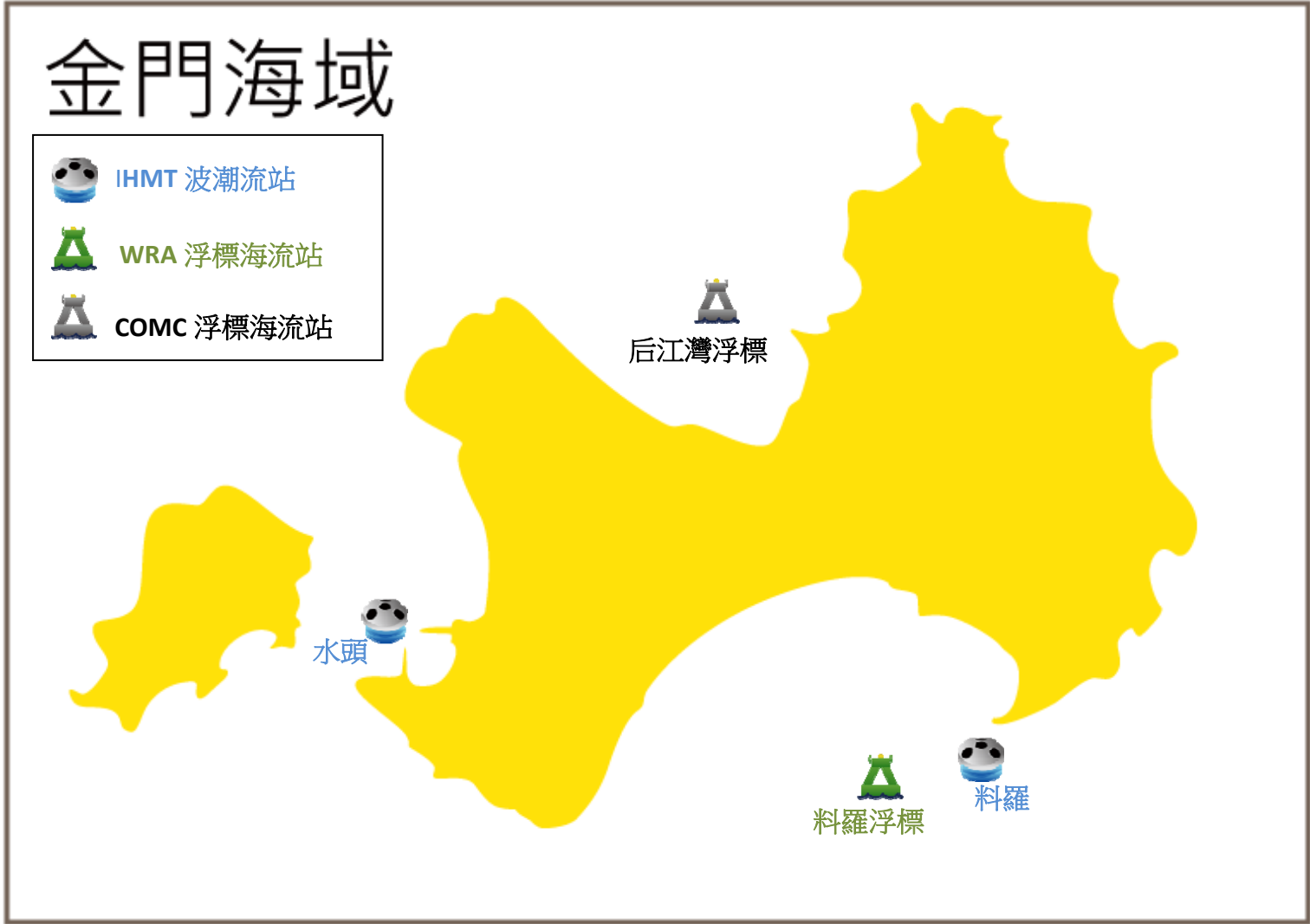


圖 CM1 金門海域海流觀測站位置示意圖

2018 年馬祖海域觀測海流資料

馬祖海域海流之觀測係 2014 年 10 月本中心(IHMT)安裝挪威 NORTEK 公司表面波浪監測系統於馬祖港福澳港區(稱**測站 X**)，其位置如附圖 CU1。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 之海流儀也屬屬中央氣象局(CWB)所有，馬祖海域各測站歷年觀測海流資料蒐集概況如表 CU1。

剖面海流流速的量測可以依照使用在不同水深即自固定在海床上之儀器位置到水表面來設定量測不同的間距，蘇澳港觀測站水深間距設定為 1 公尺；每小時連續量測 600 秒，再將總和平均代表其數樣每一間距層之海流流速、流向等資料，記錄在感應器內，並每隔 1 小時經由海底電纜傳訊回接收站之電腦中儲存。

表 CU1 馬祖海域觀測海流資料蒐集概況表(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	2017/09-2018/11(觀測中)	中央氣象局	馬祖資料浮標

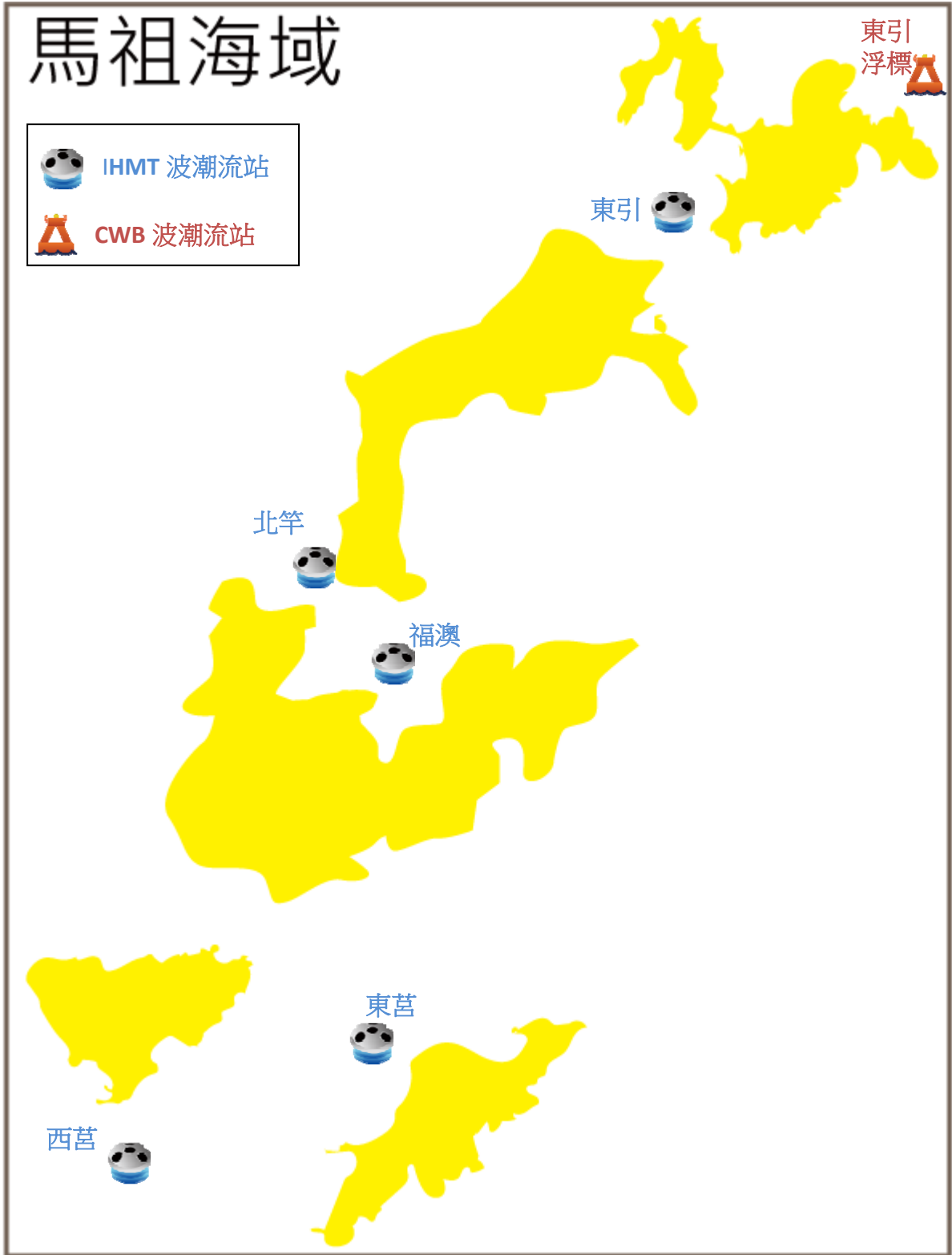


圖 CU1 馬祖海域海流觀測站位置示意圖

第一章 2018 年 12 海域觀測海流資料圖表

北苗海域(新北~苗栗)海流之觀測僅有**測站 X** 1 個測站(測站位置如第 0 章圖 CP1)。利用調和分析方法**觀測海流可分解為計算潮流(包括平均流)及計算殘(餘)流(或稱非潮流)**。本年報取經檢核之**X 站**資料作為主要測站**1**。

北端海域(富貴角~龍洞)海流之觀測包括**測站 X**、**測站 Y** 及**測站 R** 等 3 個測站(測站位置如第 0 章圖 CK1)。利用調和分析方法**觀測海流可分解為計算潮流(包括平均流)及計算殘(餘)流(或稱非潮流)**。本年報取經檢核之**X 站**資料作為主要測站**1**，**Y 站**資料作為主要測站**2**，**R 站**資料作為主要測站**3**。

宜蘭海域海流之觀測包括**測站 X** 及**測站 Y** 等 2 個測站(測站位置如第 0 章圖 CS1)。利用調和分析方法**觀測海流可分解為計算潮流(包括平均流)及計算殘(餘)流(或稱非潮流)**。本年報取經檢核之**X 站**資料作為主要測站**1**，**Y 站**資料作為主要測站**2**。

花蓮海域海流之觀測僅**測站 X** 1 個測站(測站位置如第 0 章圖 CL1)。利用調和分析方法**觀測海流可分解為計算潮流(包括平均流)及計算殘(餘)流(或稱非潮流)**。本年報取經檢核之**X 站**資料作為主要測站**1**。

臺東海域海流之觀測包括**測站 X** 及**測站 Y** 等 2 個測站(測站位置如第 0 章圖 CJ1)。利用調和分析方法**觀測海流可分解為計算潮流(包括平均流)及計算殘(餘)流(或稱非潮流)**。本年報取經檢核之**X 站**資料作為主要測站**1**，**Y 站**資料作為主要測站**2**。

屏東海域海流之觀測為**測站 Z**(測站位置如第 0 章圖 CJ1)。利用調和分析方法**觀測海流可分解為計算潮流(包括平均流)及計算殘(餘)流(或稱非潮流)**。本年報取經檢核之**Z 站**資料作為主要測站**1**。

高雄海域海流之觀測包括**測站 X** 及**測站 Z** 等 2 個測站(測站位置

如第 O 章圖 CH1)。利用調和分析方法**觀測海流可分解為計算潮流(包括平均流)及計算殘(餘)流(或稱非潮流)**。本年報取經檢核之 **X 站** 資料作為主要測站 **1**，**Z 站** 資料作為主要測站 **2**。

嘉南海域海流之觀測包括測站 **X**、測站 **Y**、測站 **A**、測站 **V** 及測站 **U** 等 5 個測站(測站位置如第 O 章圖 CB1)。利用調和分析方法**觀測海流可分解為計算潮流(包括平均流)及計算殘(餘)流(或稱非潮流)**。本年報取經檢核之 **X 站** 資料作為主要測站 **1**，**A 站** 資料作為主要測站 **2**，**Y 站** 資料作為主要測站 **3**。

中雲海域海流之觀測包括測站 **X** 及測站 **U** 等 2 個測站(測站位置如第 O 章圖 CG1)。利用調和分析方法**觀測海流可分解為計算潮流(包括平均流)及計算殘(餘)流(或稱非潮流)**。本年報取經檢核之 **X 站** 資料作為主要測站 **1**，**U 站** 資料作為主要測站 **2**。

澎湖海域海流之觀測包括測站 **X**、測站 **Y**、測站 **Z**、測站 **A** 及測站 **R** 等 5 個測站(測站位置如第 O 章圖 CN1)。利用調和分析方法**觀測海流可分解為計算潮流(包括平均流)及計算殘(餘)流(或稱非潮流)**。本年報取經檢核之 **X 站** 資料作為主要測站 **1**，**A 站** 資料作為主要測站 **2**，**Y 站** 資料作為主要測站 **3**。

金門海域海流之觀測包括測站 **X**、測站 **Y**、測站 **Z** 及測站 **A** 等 4 個測站(測站位置如第 O 章圖 CM1)。利用調和分析方法**觀測海流可分解為計算潮流(包括平均流)及計算殘(餘)流(或稱非潮流)**。本年報取經檢核之 **X 站** 資料作為主要測站 **1**，**A 站** 資料作為主要測站 **2**，**Y 站** 資料作為主要測站 **3**。

馬祖海域海流之觀測包括測站 **X**、測站 **Y**、測站 **A**、測站 **1**、測站 **2** 及測站 **3** 等 6 個測站(測站位置如第 O 章圖 CU1)。利用調和分析方法**觀測海流可分解為計算潮流(包括平均流)及計算殘(餘)流(或稱非潮流)**。本年報取經檢核之 **X 站** 資料作為主要測站 **1**，**A 站** 資料作

為主要測站 2，Y 站資料作為主要測站 3。

2018 年 12 海域**主要測站 1** 每月**觀測海流及計算潮流**資料記錄表，如表 1.1。2018 年 12 海域**主要測 2** 月**觀測海流及計算潮流**資料記錄表，如表 1.2。2018 年 12 海域**主要測站 3** 每月**觀測海流及計算潮流**資料記錄表，如表 1.3。

本**海流**年報資料處理之圖表包括：

1. 第二章：2018 年 12 海域觀測海流**主要測站 1** 每月(季)及整年**觀測海流、計算潮流及計算殘流**重要統計量統計表。
2. 第三章：2018 年 12 海域觀測海流**主要測站 1** 每月**觀測海流、計算潮流及計算殘流**歷線比較圖。
3. 第四章：2018 年 12 海域觀測海流**主要測站 1** 每月**觀測海流、計算潮流及計算殘流**向量分布圖及行進圖。
4. 第五章：2018 年 12 海域觀測海流**主要測站 2** 每月(季)及整年**觀測海流、計算潮流及計算殘流**重要統計量統計表。
5. 第六章：2018 年 12 海域觀測海流**主要測站 2** 每月**觀測海流、計算潮流及計算殘流**歷線比較圖。
6. 第七章：2018 年 12 海域觀測海流**主要測站 2** 每月**觀測海流、計算潮流及計算殘流**向量分布圖及行進圖。
7. 第八章：2018 年 12 海域觀測海流**主要測站 3** 每月(季)及整年**觀測海流、計算潮流及計算殘流**重要統計量統計表。
8. 第九章：2018 年 12 海域觀測海流**主要測站 3** 每月**觀測海流、計算潮流及計算殘流**歷線比較圖。

9. 第十章：2018 年 12 海域觀測海流**主要測站 3** 每月觀測海流、
計算潮流及計算殘流向量分布圖及行進圖。

表 1.1a 2018 年每月 12 個海域海流主要觀測站 1 觀測海流資料紀錄表

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	X	Z	X	X	X	X	X	X
2017/12 月	211(28.4%)	742(99.7%)	521(70.0%)	744(100%)	744(100%)	735(98.8%)	*	721(96.9%)	58(7.8%)	744(100%)	226(30.4%)	744(100%)
2018/ 1 月	713(95.8%)	737(99.1%)	146(19.6%)	744(100%)	744(100%)	740(99.5%)	*	713(95.8%)	599(80.5%)	744(100%)	352(47.3%)	738(99.2%)
2018/ 2 月	640(95.2%)	667(99.3%)	607(90.3%)	671(99.9%)	672(100%)	664(98.8%)	*	644(95.8%)	*	672(100%)	507(75.4%)	672(100%)
2018/ 3 月	632(84.9%)	738(99.2%)	681(91.5%)	633(85.1%)	222(29.8%)	684(91.9%)	*	695(93.4%)	*	744(100%)	505(67.9%)	732(98.4%)
2018/ 4 月	698(96.9%)	711(98.8%)	657(91.3%)	*	*	693(96.3%)	*	598(83.1%)	*	720(100%)	701(97.4%)	711(98.8%)
2018/ 5 月	719(96.6%)	743(99.9%)	727(97.7%)	*	404(54.3%)	709(95.3%)	*	*	*	687(92.3%)	681(91.5%)	727(97.7%)
2018/ 6 月	710(98.6%)	713(99.0%)	701(97.4%)	*	720(100%)	706(98.1%)	*	*	61(8.5%)	697(96.8%)	223(31.0%)	719(99.9%)
2018/ 7 月	734(98.7%)	739(99.3%)	739(99.3%)	*	732(98.4%)	740(99.5%)	*	311(41.8%)	744(100%)	699(94.0%)	741(99.6%)	702(94.4%)
2018/ 8 月	741(99.6%)	498(66.9%)	155(20.8%)	395(53.1%)	743(99.9%)	739(99.3%)	527(70.8%)	741(99.6%)	733(98.5%)	14(1.9%)	744(100%)	743(99.9%)
2018/ 9 月	691(96.0%)	*	699(97.1%)	709(98.5%)	472(65.6%)	717(99.6%)	169(23.5%)	693(96.3%)	671(93.2%)	720(100%)	434(60.3%)	701(97.4%)
2018/10 月	692(93.0%)	174(23.4%)	*	740(99.5%)	744(100%)	742(99.7%)	649(87.2%)	688(92.5%)	740(99.5%)	650(87.4%)	*	735(98.8%)
2018/11 月	713(99.0%)	*	*	720(100%)	539(74.9%)	720(100%)	653(90.7%)	691(96.0%)	703(97.6%)	492(68.3%)	*	715(99.3%)

1-5

表 1.1b 2018 年每月 12 個海域海流主要觀測站 1 計算潮流資料紀錄表

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	X	Z	X	X	X	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%)

表 1.2a 2018 年每月 12 個海域海流主要觀測站 2 觀測海流資料紀錄表

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	Y	Y	Z	A	U	A	A	A
2017/12 月	*	744(100%)	744(100%)	*	744(100%)	*	741(99.6%)	743(99.9%)	135(18.1%)	715(96.1%)	383(51.5%)	594(79.8%)
2018/ 1 月	*	462(62.1%)	743(99.9%)	*	744(100%)	*	744(100%)	740(99.5%)	*	689(92.6%)	721(96.9%)	399(53.6%)
2018/ 2 月	*	301(44.8%)	672(100%)	*	672(100%)	*	658(97.9%)	664(98.8%)	*	460(68.5%)	639(95.1%)	462(68.8%)
2018/ 3 月	*	606(81.5%)	744(100%)	*	744(100%)	*	695(93.4%)	725(97.4%)	*	729(98.0%)	308(41.4%)	470(63.2%)
2018/ 4 月	*	672(93.3%)	720(100%)	*	716(99.4%)	*	685(95.1%)	698(96.9%)	*	714(99.2%)	*	267(37.1%)
2018/ 5 月	*	718(96.5%)	743(99.9%)	*	673(90.5%)	*	722(97.0%)	671(90.2%)	*	721(96.9%)	*	176(23.7%)
2018/ 6 月	*	720(100%)	720(100%)	*	456(63.3%)	*	701(97.4%)	678(94.2%)	*	716(99.4%)	135(18.8%)	362(50.3%)
2018/ 7 月	*	739(99.3%)	734(98.7%)	*	510(68.5%)	*	739(99.3%)	725(97.4%)	*	497(66.8%)	738(99.2%)	96(12.9%)
2018/ 8 月	*	743(99.9%)	730(98.1%)	*	744(100%)	*	735(98.8%)	744(100%)	*	587(78.9%)	742(99.7%)	*
2018/ 9 月	*	719(99.9%)	719(99.9%)	*	696(96.7%)	*	713(99.0%)	711(98.8%)	*	715(99.3%)	434(60.3%)	129(17.9%)
2018/10 月	*	742(99.7%)	744(100%)	*	733(98.5%)	*	739(99.3%)	358(48.1%)	*	720(96.8%)	*	368(49.5%)
2018/11 月	*	718(99.7%)	720(100%)	*	718(99.7%)	*	713(99.0%)	720(100%)	*	509(70.7%)	*	718(99.7%)

1-7

表 1.2b 2018年每月12個海域海流主要觀測站2計算潮流資料紀錄表

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	Y	Y	Z	A	U	A	A	A
2017/12月	*	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%)	743(99.9%)	744(100%)
2018/ 2月	*	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%)
2018/ 4月	*	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%)
2018/ 6月	*	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%)
2018/ 8月	*	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%)
2018/10月	*	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%)

表 1.3a 2018 年每月 12 個海域海流主要觀測站 3 觀測海流資料紀錄表

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	Z	R	Z	Z	R	R	Z	Y	Z	Y	Y	Y
2017/12 月	*	735(98.8%)	*	*	*	*	*	677(91.0%)	*	744(100%)	687(92.3%)	116(15.6%)
2018/ 1 月	*	722(97.0%)	*	*	*	*	*	624(83.9%)	*	744(100%)	644(86.6%)	*
2018/ 2 月	*	656(97.6%)	*	*	*	*	*	309(46.0%)	*	671(99.9%)	556(82.7%)	*
2018/ 3 月	*	617(82.9%)	*	*	*	*	*	693(93.1%)	*	744(100%)	645(86.7%)	*
2018/ 4 月	*	649(90.1%)	*	*	*	*	*	670(93.1%)	*	698(96.9%)	640(88.9%)	298(41.4%)
2018/ 5 月	*	593(79.7%)	*	*	*	*	*	522(70.2%)	*	709(95.3%)	711(95.6%)	644(86.6%)
2018/ 6 月	*	696(96.7%)	*	*	*	*	*	549(76.3%)	*	658(91.4%)	678(94.2%)	717(99.6%)
2018/ 7 月	*	619(83.2%)	*	*	*	*	*	694(93.3%)	*	744(100%)	516(69.4%)	744(100%)
2018/ 8 月	*	727(97.7%)	*	*	*	*	*	653(87.8%)	*	744(100%)	39(5.2%)	744(100%)
2018/ 9 月	*	712(98.9%)	*	*	*	*	*	699(97.1%)	*	720(100%)	395(54.9%)	716(99.4%)
2018/10 月	*	668(89.8%)	*	*	*	*	*	714(96.0%)	*	744(100%)	694(93.3%)	744(100%)
2018/11 月	*	718(99.7%)	*	*	*	*	*	693(96.3%)	*	720(100%)	682(94.7%)	720(100%)

表 1.3b 2018年每月12個海域海流主要觀測站3計算潮流資料紀錄表

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	Z	R	Z	Z	R	R	2	Y	Z	Y	Y	Y
2017/12月	*	744(100%)	*	*	*	*	*	744(100%)	*	744(100%)	744(100%)	744(100%)
2018/ 1月	*	744(100%)	*	*	*	*	*	744(100%)	*	744(100%)	744(100%)	744(100%)
2018/ 2月	*	672(100%)	*	*	*	*	*	672(100%)	*	672(100%)	672(100%)	672(100%)
2018/ 3月	*	744(100%)	*	*	*	*	*	744(100%)	*	744(100%)	744(100%)	744(100%)
2018/ 4月	*	720(100%)	*	*	*	*	*	720(100%)	*	720(100%)	720(100%)	720(100%)
2018/ 5月	*	744(100%)	*	*	*	*	*	744(100%)	*	744(100%)	744(100%)	744(100%)
2018/ 6月	*	720(100%)	*	*	*	*	*	720(100%)	*	720(100%)	720(100%)	720(100%)
2018/ 7月	*	744(100%)	*	*	*	*	*	744(100%)	*	744(100%)	744(100%)	744(100%)
2018/ 8月	*	744(100%)	*	*	*	*	*	743(99.9%)	*	744(100%)	744(100%)	744(100%)
2018/ 9月	*	720(100%)	*	*	*	*	*	720(100%)	*	720(100%)	720(100%)	720(100%)
2018/10月	*	744(100%)	*	*	*	*	*	744(100%)	*	744(100%)	744(100%)	744(100%)
2018/11月	*	720(100%)	*	*	*	*	*	720(100%)	*	720(100%)	720(100%)	720(100%)

第二章 2018 年 12 海域海流主要觀測站 1 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觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	211(28%)	47.2	3.1/NNE	97.5/ENE	19.9	35.5	44.5	.0	45.5	5.2	43.6	5.7	ENE/30.8%
2	北端海域(X)	742(100%)	31.6	9.9/ENE	91.5/ENE	40.0	47.8	12.1	.0	46.4	16.3	20.6	16.7	ENE/21.0%
3	宜蘭海域(X)	521(70%)	15.5	7.5/SSW	50.9/SSW	84.1	15.9	.0	.0	20.2	19.4	49.3	11.1	SSW/22.8%
4	花蓮海域(X)	744(100%)	11.9	4.1/SW	54.4/WSW	91.4	8.3	.3	.0	22.8	17.5	46.8	12.9	SW /15.6%
5	臺東海域(X)	744(100%)	19.9	13.9/NNE	61.8/NNE	73.9	24.9	1.2	.0	69.9	19.8	1.1	9.3	NNE/27.8%
6	屏東海域(Z)	735(99%)	42.5	9.0/NW	151.0/WNW	31.4	35.4	30.2	3.0	9.8	33.2	7.9	49.1	WNW/23.3%
7	高雄海域 (X)													
8	嘉南海域(X)	721(97%)	18.8	4.5/SE	51.2/ESE	74.2	25.8	.0	.0	7.6	45.8	8.6	38.0	WNW/24.3%
9	中雲海域(X)	58(8%)	45.6	41.3/WSW	89.9/WSW	29.3	32.8	37.9	.0	.0	.0	81.0	19.0	WSW/41.4%
10	澎湖海域(X)	744(100%)	23.9	13.8/ENE	67.3/E	59.1	39.1	1.7	.0	50.9	23.3	.9	24.9	E /33.5%
11	金門海域(X)	226(30%)	43.2	21.3/S	85.7/SSE	26.1	33.2	40.7	.0	3.5	59.7	9.3	27.4	SSE/24.3%
12	馬祖海域(X)	744(100%)	16.2	10.6/SSW	65.1/SW	82.1	16.9	.9	.0	10.3	29.3	54.4	5.9	SW /21.8%

表 2.1b 2017年12月12個海域主要測站1潮流 (含平均流) 流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	744(100%)	41.9	5.2/NNE	96.4/NE	26.9	38.3	34.8	.0	48.8	2.4	42.9	5.9	WSW/29.8%
2	北端海域(X)	744(100%)	24.1	8.8/ENE	60.0/ENE	58.1	40.1	1.9	.0	45.2	12.9	27.7	14.2	ENE/23.7%
3	宜蘭海域(X)	744(100%)	5.4	2.0/NW	13.9/NNE	100.0	.0	.0	.0	30.1	.3	41.0	28.6	SW /24.7%
4	花蓮海域(X)	744(100%)	5.5	3.7/SW	14.0/SW	100.0	.0	.0	.0	10.8	14.9	64.1	10.2	SW /27.4%
5	臺東海域(X)	744(100%)	8.5	8.2/NNE	17.3/N	100.0	.0	.0	.0	84.1	.0	.0	15.9	N /46.9%
6	屏東海域(Z)	744(100%)	24.1	4.5/N	73.5/WNW	64.0	26.6	9.4	.0	14.5	37.6	3.1	44.8	WNW/28.4%
7	高雄海域(X)	744(100%)	16.5	8.8/SW	39.8/S	86.2	13.8	.0	.0	.0	26.6	36.3	37.1	S /20.3%
8	嘉南海域(X)	744(100%)	12.5	7.3/SE	34.3/ESE	93.1	6.9	.0	.0	.8	63.8	15.2	20.2	SE /34.3%
9	中雲海域(X)	744(100%)	17.6	16.2/WNW	25.5/W	100.0	.0	.0	.0	.0	.0	20.8	79.2	WNW/30.2%
10	澎湖海域(X)	744(100%)	15.6	14.1/E	36.7/E	80.4	19.6	.0	.0	68.5	18.4	.0	13.0	E /54.2%
11	金門海域(X)	744(100%)	17.1	13.2/SSE	46.7/SE	79.8	20.2	.0	.0	.8	69.4	18.1	11.7	SE /35.9%
12	馬祖海域(X)	744(100%)	8.2	4.3/SW	20.7/WSW	100.0	.0	.0	.0	21.9	16.8	57.9	3.4	WSW/39.4%

表 2.1c 2017年12月12個海域主要測站1殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	211(28%)	18.4	3.3/SW	125.2/SW	79.6	16.6	3.3	.5	28.9	13.3	49.8	8.1	WSW/21.8%
2	北端海域(X)	742(100%)	17.6	1.5/NNE	52.9/NW	79.5	20.1	.4	.0	31.9	19.8	22.9	25.3	ENE/ 9.8%
3	宜蘭海域(X)	521(70%)	15.0	8.7/SSW	50.9/SSW	86.9	13.1	.0	.0	14.6	25.5	50.3	9.6	SSW/25.1%
4	花蓮海域(X)	744(100%)	12.2	.4/SSW	50.5/SW	92.2	7.8	.0	.0	39.9	15.7	33.1	11.3	ENE/14.0%
5	臺東海域(X)	744(100%)	16.0	6.5/NE	55.9/NNE	84.0	15.7	.3	.0	49.2	33.2	2.7	14.9	N /20.2%
6	屏東海域(Z)	735(99%)	31.8	7.7/W	107.7/ESE	49.5	33.1	16.9	.5	10.9	27.8	21.8	39.6	WNW/15.5%
7	高雄海域 (X)													
8	嘉南海域(X)	721(97%)	18.4	3.0/NNW	48.2/ESE	76.8	23.2	.0	.0	12.5	36.2	4.2	47.2	WNW/19.8%
9	中雲海域(X)	58(8%)	36.4	29.9/SW	82.2/SW	34.5	36.2	29.3	.0	12.1	6.9	74.1	6.9	SW /39.7%
10	澎湖海域(X)	744(100%)	17.5	4.0/NNW	56.0/WNW	79.6	20.3	.1	.0	24.5	28.6	3.6	43.3	WNW/20.8%
11	金門海域(X)	226(30%)	36.9	10.0/SSW	91.1/WNW	34.1	43.4	22.6	.0	8.0	46.9	8.8	36.3	WNW/22.1%
12	馬祖海域(X)	744(100%)	13.1	7.4/S	53.1/E	92.1	7.7	.3	.0	16.9	33.6	42.2	7.3	SSW/17.5%

表2.2a 2018年1月12個海域主要測站1觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	713(96%)	52.6	4.9/NNW	125.5/NE	16.5	29.7	52.0	1.7	42.5	2.7	47.1	7.7	WSW/29.5%
2	北端海域(X)	737(99%)	32.3	12.6/ENE	101.8/E	40.4	45.7	13.8	.0	47.1	18.2	18.0	16.7	ENE/22.9%
3	宜蘭海域(X)	146(20%)	16.3	8.9/SW	41.6/SW	85.6	14.4	.0	.0	15.1	14.4	54.1	16.4	SSW/24.0%
4	花蓮海域(X)	744(100%)	15.3	7.2/WSW	55.6/SW	85.1	14.2	.7	.0	20.2	13.2	51.6	15.1	SW /16.7%
5	臺東海域(X)	744(100%)	10.9	2.1/SE	45.8/SSE	94.6	5.4	.0	.0	25.4	35.8	16.8	22.0	SSE/17.3%
6	屏東海域(Z)	740(100%)	46.5	17.0/ESE	154.0/SE	28.2	34.5	31.8	5.5	13.9	50.8	5.8	29.5	ESE/19.6%
7	高雄海域 (X)													
8	嘉南海域(X)	713(96%)	18.1	4.9/SE	50.2/E	75.5	24.5	.0	.0	9.1	45.4	11.6	33.8	WNW/20.1%
9	中雲海域(X)	599(81%)	40.1	31.3/W	122.8/WSW	30.9	40.4	27.5	1.2	9.5	.2	60.6	29.7	WSW/34.9%
10	澎湖海域(X)	744(100%)	25.0	14.8/ENE	66.1/E	55.2	41.1	3.6	.0	46.9	27.6	.7	24.9	E /37.8%
11	金門海域(X)	352(47%)	38.4	19.8/S	90.9/WNW	29.5	41.8	28.7	.0	.9	56.0	17.6	25.6	SSE/25.9%
12	馬祖海域(X)	738(99%)	14.8	7.9/SSW	62.5/SW	86.6	13.0	.4	.0	16.1	28.9	47.2	7.9	SW /19.1%

表2.2b 2018年1月12個海域主要測站1潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	744(100%)	42.7	5.2/NNE	96.5/ENE	25.9	38.3	35.8	.0	48.8	2.6	42.9	5.8	WSW/29.4%
2	北端海域(X)	744(100%)	24.5	8.7/ENE	60.8/ENE	57.7	39.4	3.0	.0	45.7	11.7	29.0	13.6	ENE/23.3%
3	宜蘭海域(X)	744(100%)	5.3	2.0/NW	15.1/NNE	100.0	.0	.0	.0	29.4	.4	41.4	28.8	N /22.7%
4	花蓮海域(X)	744(100%)	5.6	3.7/SW	15.9/SW	100.0	.0	.0	.0	16.8	14.4	63.2	5.6	SW /25.9%
5	臺東海域(X)	744(100%)	8.4	8.2/NNE	16.6/N	100.0	.0	.0	.0	96.9	.0	.0	3.1	N /46.1%
6	屏東海域(Z)	744(100%)	25.5	4.5/N	79.5/WNW	60.3	27.4	12.2	.0	13.6	38.2	6.0	42.2	ESE/27.6%
7	高雄海域(X)	744(100%)	14.2	8.8/SW	34.1/S	95.4	4.6	.0	.0	.5	10.8	58.7	30.0	S /25.9%
8	嘉南海域(X)	744(100%)	12.8	7.3/SE	32.6/ESE	92.6	7.4	.0	.0	1.3	62.6	16.7	19.4	SE /28.9%
9	中雲海域(X)	744(100%)	17.5	16.1/WNW	25.8/WSW	99.9	.1	.0	.0	.0	.0	18.4	81.6	WNW/31.5%
10	澎湖海域(X)	744(100%)	15.7	14.1/E	37.4/E	79.3	20.7	.0	.0	67.7	18.7	.0	13.6	E /53.8%
11	金門海域(X)	744(100%)	17.0	13.1/SSE	45.8/SE	80.0	20.0	.0	.0	.7	69.4	18.3	11.7	SE /38.2%
12	馬祖海域(X)	744(100%)	8.4	4.3/SW	20.0/WSW	100.0	.0	.0	.0	22.7	15.7	58.3	3.2	WSW/37.5%

表2.2c 2018年1月12個海域主要測站1殘餘流流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	713(96%)	18.1	3.4/W	72.6/E	76.4	21.9	1.7	.0	28.6	9.4	44.0	18.0	WSW/22.4%
2	北端海域(X)	737(99%)	16.5	4.0/ENE	55.3/NNE	83.0	16.4	.5	.0	32.6	25.1	17.6	24.7	ENE/11.1%
3	宜蘭海域(X)	146(20%)	15.5	9.9/SSW	55.0/SSW	85.6	13.0	1.4	.0	11.6	22.6	53.4	12.3	SSW/24.7%
4	花蓮海域(X)	744(100%)	13.4	3.9/W	54.0/ENE	90.1	9.5	.4	.0	25.4	15.3	37.8	21.5	SW /13.6%
5	臺東海域(X)	744(100%)	13.6	9.6/S	53.4/S	90.1	9.8	.1	.0	9.8	38.0	42.5	9.7	S /33.3%
6	屏東海域(Z)	739(100%)	39.0	19.5/SE	143.7/SE	40.5	34.5	19.2	6.0	11.8	50.6	12.9	24.9	SE /22.7%
7	高雄海域 (X)													
8	嘉南海域(X)	713(96%)	16.3	2.6/NNW	44.1/WNW	87.2	12.8	.0	.0	12.6	34.8	6.6	46.0	WNW/22.9%
9	中雲海域(X)	599(81%)	32.8	18.6/WSW	104.9/WSW	40.7	41.4	17.5	.3	24.4	6.8	60.8	8.0	SW /24.0%
10	澎湖海域(X)	744(100%)	16.5	2.0/N	51.3/W	82.3	17.7	.0	.0	25.0	32.4	6.6	36.0	WNW/16.7%
11	金門海域(X)	352(47%)	36.3	11.0/SW	115.7/WNW	35.2	41.8	22.7	.3	4.8	46.0	11.4	37.8	SSE/23.0%
12	馬祖海域(X)	738(99%)	12.3	5.5/SSE	50.9/SSW	92.0	8.0	.0	.0	25.9	35.6	32.7	5.8	S /13.6%

表2.3a 2018年2月12個海域主要測站1觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	640(95%)	50.2	5.5/NNW	120.4/ENE	19.2	30.3	49.8	.6	42.5	2.3	43.8	11.4	WSW/29.1%
2	北端海域(X)	667(99%)	31.7	12.6/ENE	108.2/ENE	44.7	41.8	13.2	.3	46.8	18.7	18.7	15.7	ENE/24.1%
3	宜蘭海域(X)	607(90%)	13.7	5.1/S	43.5/NNE	92.3	7.7	.0	.0	20.4	27.5	40.5	11.5	SSW/16.5%
4	花蓮海域(X)	671(100%)	15.4	5.4/WSW	61.4/WSW	85.2	13.9	.9	.0	26.5	7.5	44.0	22.1	SW /13.7%
5	臺東海域(X)	672(100%)	12.9	2.9/ENE	57.1/SSE	89.4	10.1	.4	.0	36.5	32.3	12.1	19.2	NNE/17.1%
6	屏東海域(Z)	664(99%)	39.9	10.4/ESE	127.0/ESE	34.2	37.8	25.3	2.7	13.3	48.0	4.2	34.5	ESE/26.1%
7	高雄海域 (X)													
8	嘉南海域(X)	644(96%)	18.0	4.6/SE	52.4/ESE	76.1	23.8	.2	.0	11.2	43.8	12.1	32.9	WNW/18.8%
9	中雲海域 (X)													
10	澎湖海域(X)	672(100%)	24.8	15.2/ENE	62.7/ESE	55.5	43.3	1.2	.0	49.1	25.9	1.6	23.4	E /35.3%
11	金門海域(X)	507(75%)	41.9	20.8/S	85.8/W	25.2	38.3	36.5	.0	3.0	59.4	12.0	25.6	SSE/27.8%
12	馬祖海域(X)	672(100%)	14.3	5.2/S	64.8/SW	89.0	10.6	.4	.0	21.7	27.7	40.9	9.7	SW /15.0%

表2.3b 2018年2月12個海域主要測站1潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	672(100%)	41.4	5.4/NNE	97.1/ENE	26.5	40.3	33.2	.0	48.8	2.7	42.4	6.1	WSW/29.8%
2	北端海域(X)	672(100%)	23.7	8.8/ENE	60.8/ENE	59.7	37.9	2.4	.0	45.8	13.2	27.2	13.7	ENE/24.0%
3	宜蘭海域(X)	672(100%)	5.4	2.0/NW	15.6/N	100.0	.0	.0	.0	29.3	.1	42.0	28.6	N /23.4%
4	花蓮海域(X)	672(100%)	5.6	3.7/SW	16.4/SW	100.0	.0	.0	.0	18.3	15.6	63.2	2.8	SW /29.3%
5	臺東海域(X)	672(100%)	8.3	8.2/NNE	15.6/N	100.0	.0	.0	.0	100.0	.0	.0	.0	N /47.6%
6	屏東海域(Z)	672(100%)	24.9	4.5/N	78.7/WNW	58.6	33.2	8.2	.0	13.1	38.4	4.9	43.6	ESE/25.4%
7	高雄海域(X)	672(100%)	12.3	8.8/SW	26.3/S	99.6	.4	.0	.0	4.0	8.5	68.6	18.9	SSW/27.1%
8	嘉南海域(X)	672(100%)	13.3	7.3/SE	31.9/ESE	91.8	8.2	.0	.0	3.0	60.6	17.9	18.6	SE /29.0%
9	中雲海域(X)	672(100%)	17.1	16.1/WNW	26.5/WSW	98.5	1.5	.0	.0	.0	.0	13.8	86.2	WNW/42.9%
10	澎湖海域(X)	672(100%)	15.5	14.0/E	37.6/E	81.3	18.8	.0	.0	73.2	14.7	.0	12.1	E /53.4%
11	金門海域(X)	672(100%)	17.1	13.1/SSE	48.1/SE	78.9	21.1	.0	.0	.1	69.9	17.0	12.9	SE /36.5%
12	馬祖海域(X)	672(100%)	8.1	4.3/SW	19.8/WSW	100.0	.0	.0	.0	21.7	16.8	58.6	2.8	WSW/37.4%

表2.3c 2018年2月12個海域主要測站1殘餘流流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	640(95%)	18.4	3.6/W	71.4/W	76.7	21.3	2.0	.0	30.2	10.6	41.9	17.3	WSW/20.8%
2	北端海域(X)	667(99%)	16.0	3.8/ENE	62.3/ENE	84.7	15.0	.3	.0	33.6	25.5	20.5	20.4	ENE/10.6%
3	宜蘭海域(X)	607(90%)	13.6	6.7/S	43.0/NNE	90.8	9.2	.0	.0	18.5	34.8	37.7	9.1	S /16.5%
4	花蓮海域(X)	671(100%)	14.3	3.5/WNW	63.7/SW	89.1	10.4	.4	.0	32.5	7.5	32.3	27.7	NE /13.0%
5	臺東海域(X)	672(100%)	13.8	7.2/S	63.7/S	87.2	12.2	.6	.0	16.1	40.3	34.5	9.1	S /28.4%
6	屏東海域(Z)	664(99%)	31.8	12.0/SE	138.1/SE	53.9	29.1	14.3	2.7	12.3	45.5	14.2	28.0	SE /18.5%
7	高雄海域 (X)													
8	嘉南海域(X)	644(96%)	16.1	2.9/NNW	38.2/WNW	86.2	13.8	.0	.0	14.9	33.2	5.1	46.7	WNW/22.4%
9	中雲海域 (X)													
10	澎湖海域(X)	672(100%)	16.0	2.2/NNE	46.4/WNW	87.9	12.1	.0	.0	26.3	30.1	7.4	36.2	WNW/15.5%
11	金門海域(X)	507(75%)	37.4	10.0/SSW	108.2/WNW	34.9	38.3	26.4	.4	6.7	47.5	11.4	34.3	WNW/17.8%
12	馬祖海域(X)	672(100%)	12.2	4.1/SE	62.6/NE	93.0	6.4	.6	.0	33.9	32.4	26.6	7.0	ENE/11.5%

表2.4a 2018年3月12個海域主要測站1觀測流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	632(85%)	50.9	3.5/NNE	142.5/ENE	19.8	28.6	49.2	2.4	43.7	5.5	44.6	6.2	ENE/31.2%
2	北端海域(X)	738(99%)	32.2	10.7/ENE	94.4/ENE	40.8	45.8	13.4	.0	43.1	19.4	19.2	18.3	ENE/20.5%
3	宜蘭海域(X)	681(92%)	16.0	4.1/N	65.0/N	84.4	14.4	1.2	.0	36.0	16.3	28.6	19.1	N /19.7%
4	花蓮海域(X)	633(85%)	15.3	1.1/WSW	77.6/SW	85.2	13.7	1.1	.0	35.5	16.6	31.3	16.6	NE /12.8%
5	臺東海域(X)	222(30%)	19.3	7.5/NE	67.6/N	74.8	24.3	.9	.0	46.4	36.0	8.6	9.0	NNE/17.6%
6	屏東海域(Z)	684(92%)	32.0	14.3/NW	130.0/WNW	45.0	38.2	15.9	.9	18.3	18.4	7.6	55.7	WNW/19.2%
7	高雄海域 (X)													
8	嘉南海域(X)	695(93%)	18.6	4.2/ESE	47.8/E	76.3	23.7	.0	.0	17.3	38.1	14.1	30.5	WNW/15.1%
9	中雲海域 (X)													
10	澎湖海域(X)	744(100%)	27.5	17.6/ENE	63.3/ESE	46.2	50.3	3.5	.0	50.0	26.3	1.7	21.9	E /30.4%
11	金門海域(X)	505(68%)	44.0	23.4/SSE	99.1/SE	25.0	37.8	37.2	.0	4.0	65.9	8.3	21.8	SE /27.1%
12	馬祖海域(X)	732(98%)	16.0	4.5/S	57.4/N	85.0	14.2	.8	.0	26.6	24.9	37.0	11.5	E /12.4%

表2.4b 2018年3月12個海域主要測站1潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	744(100%)	42.6	5.2/NNE	94.0/ENE	26.6	36.3	37.1	.0	49.3	2.2	42.6	5.9	WSW/29.4%
2	北端海域(X)	744(100%)	24.4	8.7/ENE	59.0/ENE	57.0	40.2	2.8	.0	45.2	12.5	28.6	13.7	ENE/22.3%
3	宜蘭海域(X)	744(100%)	5.7	2.0/NW	15.0/N	100.0	.0	.0	.0	30.9	.3	41.3	27.6	N /26.7%
4	花蓮海域(X)	744(100%)	5.5	3.7/SW	15.8/SW	100.0	.0	.0	.0	18.4	15.5	65.1	1.1	SW /37.2%
5	臺東海域(X)	744(100%)	8.4	8.2/NNE	14.7/N	100.0	.0	.0	.0	90.9	.0	.0	9.1	N /48.9%
6	屏東海域(Z)	744(100%)	24.8	4.6/N	73.2/WNW	55.2	39.4	5.4	.0	14.1	38.2	2.6	45.2	WNW/27.2%
7	高雄海域(X)	744(100%)	13.2	8.8/SW	33.9/S	96.4	3.6	.0	.0	4.3	20.7	56.9	18.1	WSW/17.2%
8	嘉南海域(X)	744(100%)	13.0	7.2/SE	33.5/ESE	92.6	7.4	.0	.0	5.4	57.9	20.4	16.3	SE /29.0%
9	中雲海域(X)	744(100%)	16.8	16.1/WNW	26.8/WSW	98.4	1.6	.0	.0	.0	.0	10.6	89.4	WNW/53.2%
10	澎湖海域(X)	744(100%)	15.7	14.1/E	36.8/E	80.1	19.9	.0	.0	70.0	15.7	.0	14.2	E /55.1%
11	金門海域(X)	744(100%)	17.3	13.2/SSE	49.5/SE	78.5	21.5	.0	.0	.7	69.1	17.6	12.6	SE /33.3%
12	馬祖海域(X)	744(100%)	8.2	4.3/SW	19.9/WSW	100.0	.0	.0	.0	22.2	16.3	59.4	2.2	WSW/39.9%

2-11

表2.4c 2018年3月12個海域主要測站1殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	632(85%)	17.4	1.8/S	94.4/W	80.4	16.8	2.8	.0	31.8	19.9	35.4	12.8	ENE/15.0%
2	北端海域(X)	738(99%)	16.8	2.0/ENE	63.8/SW	82.1	17.6	.3	.0	30.4	23.4	20.3	25.9	ENE/ 9.1%
3	宜蘭海域(X)	681(92%)	14.7	2.8/NNE	54.9/N	88.5	11.0	.4	.0	36.9	22.5	25.3	15.4	NNE/15.9%
4	花蓮海域(X)	633(85%)	14.9	2.9/NNE	69.3/SW	85.9	13.4	.6	.0	45.3	13.7	22.1	18.8	NE /14.7%
5	臺東海域(X)	222(30%)	18.2	5.5/SE	53.2/N	76.6	22.5	.9	.0	31.5	46.8	13.1	8.6	SSE/18.5%
6	屏東海域(Z)	684(92%)	23.9	13.5/NW	83.0/NNW	60.5	34.1	5.4	.0	13.9	9.8	19.7	56.6	NW /18.3%
7	高雄海域 (X)													
8	嘉南海域(X)	695(93%)	17.6	3.9/NNW	37.9/E	81.4	18.6	.0	.0	17.3	29.8	6.5	46.5	NW /19.3%
9	中雲海域 (X)													
10	澎湖海域(X)	744(100%)	16.8	4.0/NE	42.8/W	85.8	14.2	.0	.0	35.3	28.5	6.2	30.0	E /14.5%
11	金門海域(X)	505(68%)	35.9	10.4/SSE	103.4/WNW	39.0	38.4	22.4	.2	10.3	52.9	9.5	27.3	SE /16.8%
12	馬祖海域(X)	732(98%)	13.6	3.8/ESE	67.7/NNE	91.5	7.8	.7	.0	37.8	28.3	25.3	8.6	ENE/11.3%

表2.5a 2018年4月12個海域主要測站1觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	698(97%)	50.6	6.5/NNE	119.0/ENE	19.5	31.4	47.4	1.7	46.6	3.6	46.7	3.2	WSW/28.7%
2	北端海域(X)	711(99%)	29.7	7.6/ENE	93.2/ENE	42.1	49.1	8.9	.0	44.3	16.6	23.3	15.8	ENE/22.1%
3	宜蘭海域(X)	657(91%)	15.1	4.8/N	60.1/N	85.8	12.9	1.2	.0	32.7	13.9	28.8	24.7	N /19.5%
4	花蓮海域 (X)													
5	臺東海域 (X)													
6	屏東海域(Z)	693(96%)	26.5	12.5/E	91.0/E	56.3	35.5	8.2	.0	24.1	42.9	5.6	27.4	E /20.8%
7	高雄海域 (X)													
8	嘉南海域(X)	598(83%)	19.0	4.4/ENE	49.1/ESE	79.1	20.9	.0	.0	25.8	29.3	12.5	32.4	WNW/14.9%
9	中雲海域 (X)													
10	澎湖海域(X)	720(100%)	25.7	15.2/E	66.4/E	52.4	44.7	2.9	.0	37.5	35.6	6.9	20.0	E /29.3%
11	金門海域(X)	701(97%)	35.3	15.5/SE	92.6/WNW	35.0	45.1	20.0	.0	11.6	57.9	8.0	22.5	SSE/20.5%
12	馬祖海域(X)	711(99%)	18.6	2.8/SW	78.1/NNE	76.4	21.4	2.3	.0	26.9	21.7	34.2	17.3	WSW/10.7%

表2.5b 2018年4月12個海域主要測站1潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	720(100%)	41.9	5.3/NNE	91.1/ENE	28.5	35.4	36.1	.0	48.1	2.8	42.2	6.9	WSW/30.4%
2	北端海域(X)	720(100%)	24.0	8.7/ENE	54.8/ENE	58.2	39.6	2.2	.0	45.7	12.8	27.8	13.8	ENE/23.9%
3	宜蘭海域(X)	720(100%)	5.7	2.0/NW	14.5/N	100.0	.0	.0	.0	31.1	.6	39.2	29.2	N /29.3%
4	花蓮海域(X)	720(100%)	5.4	3.7/SW	13.6/WSW	100.0	.0	.0	.0	10.3	19.4	65.7	4.6	SW /31.7%
5	臺東海域(X)	720(100%)	8.6	8.2/NNE	16.3/N	100.0	.0	.0	.0	79.0	.0	.0	21.0	N /49.3%
6	屏東海域(Z)	720(100%)	23.6	4.5/N	55.1/ESE	55.3	43.5	1.3	.0	14.7	36.9	.7	47.6	WNW/32.1%
7	高雄海域(X)	720(100%)	15.6	8.8/SW	39.2/S	90.3	9.7	.0	.0	1.8	29.2	36.7	32.4	WNW/18.2%
8	嘉南海域(X)	720(100%)	12.9	7.2/SE	34.9/ESE	92.2	7.8	.0	.0	5.1	58.1	19.9	16.9	SE /30.0%
9	中雲海域(X)	720(100%)	17.0	16.1/WNW	26.7/W	98.8	1.3	.0	.0	.0	.0	16.9	83.1	WNW/38.6%
10	澎湖海域(X)	720(100%)	15.7	14.1/E	35.7/E	80.6	19.4	.0	.0	69.6	16.5	.0	13.9	E /56.3%
11	金門海域(X)	720(100%)	17.5	13.2/SSE	49.5/SE	78.8	21.3	.0	.0	1.1	69.2	17.1	12.6	SE /31.8%
12	馬祖海域(X)	720(100%)	8.1	4.3/SW	19.8/WSW	100.0	.0	.0	.0	21.4	16.4	60.0	2.2	WSW/40.3%

2-14

表2.5c 2018年4月12個海域主要測站1殘餘流流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	698(97%)	16.4	1.8/ENE	68.7/W	81.1	17.9	1.0	.0	39.5	15.0	35.7	9.7	ENE/16.2%
2	北端海域(X)	711(99%)	15.0	1.1/W	56.2/WSW	88.3	11.5	.1	.0	24.1	21.9	29.0	25.0	WSW/ 9.6%
3	宜蘭海域(X)	657(91%)	13.7	3.2/N	62.3/N	89.5	10.0	.5	.0	34.1	22.2	23.3	20.4	N /17.5%
4	花蓮海域 (X)													
5	臺東海域 (X)													
6	屏東海域(Z)	693(96%)	20.9	12.4/ESE	74.0/NW	68.0	30.4	1.6	.0	21.9	56.3	7.5	14.3	ESE/23.8%
7	高雄海域 (X)													
8	嘉南海域(X)	598(83%)	19.2	6.9/N	49.9/NW	76.4	23.6	.0	.0	24.9	24.6	4.0	46.5	NW /17.7%
9	中雲海域 (X)													
10	澎湖海域(X)	720(100%)	16.2	1.1/E	41.2/W	89.2	10.8	.0	.0	24.9	31.5	18.6	25.0	E /11.3%
11	金門海域(X)	701(97%)	31.0	2.8/ESE	87.8/WNW	42.1	46.5	11.4	.0	20.1	41.2	8.1	30.5	SE /13.3%
12	馬祖海域(X)	711(99%)	16.8	2.0/E	85.1/NNE	82.8	15.5	1.7	.0	34.7	19.5	27.0	18.7	ENE/10.1%

表2.6a 2018年5月12個海域主要測站1觀測流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	719(97%)	46.8	8.7/NE	123.6/NE	22.4	34.1	42.6	1.0	48.4	3.8	43.4	4.5	WSW/26.0%
2	北端海域(X)	743(100%)	29.9	6.4/ENE	84.5/E	40.6	52.1	7.3	.0	42.7	17.9	26.4	13.1	ENE/22.5%
3	宜蘭海域(X)	727(98%)	14.1	5.4/N	76.6/N	87.5	12.2	.3	.0	40.3	9.9	28.2	21.6	N /17.5%
4	花蓮海域 (X)													
5	臺東海域(X)	404(54%)	32.0	20.0/N	200.2/E	39.9	45.3	14.6	.2	50.5	7.4	14.9	27.2	N /29.5%
6	屏東海域(Z)	709(95%)	39.2	6.8/NNE	144.0/NW	34.4	38.4	25.4	1.8	21.6	31.0	11.8	35.5	WNW/15.2%
7	高雄海域 (X)													
8	嘉南海域 (X)													
9	中雲海域 (X)													
10	澎湖海域(X)	687(92%)	25.2	12.1/E	60.6/ESE	51.8	47.7	.4	.0	26.5	44.8	14.3	14.4	ESE/22.6%
11	金門海域(X)	681(92%)	37.9	12.5/SE	97.3/W	26.9	50.4	22.8	.0	14.0	54.5	7.3	24.2	ESE/16.9%
12	馬祖海域(X)	727(98%)	20.7	4.8/NNE	67.6/E	68.0	29.4	2.6	.0	46.8	8.8	28.9	15.5	ENE/16.1%

表2.6b 2018年5月12個海域主要測站1潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	744(100%)	41.9	5.3/NNE	90.6/NE	29.7	34.7	35.6	.0	48.7	1.6	43.5	6.2	WSW/29.8%
2	北端海域(X)	744(100%)	23.8	8.7/ENE	56.9/ENE	58.6	39.8	1.6	.0	46.1	12.5	26.7	14.7	ENE/23.1%
3	宜蘭海域(X)	744(100%)	5.4	2.0/NW	13.4/N	100.0	.0	.0	.0	30.1	.7	38.7	30.5	N /27.7%
4	花蓮海域(X)	744(100%)	5.4	3.7/SW	11.6/SW	100.0	.0	.0	.0	7.3	20.8	61.8	10.1	SW /29.4%
5	臺東海域(X)	744(100%)	8.6	8.2/NNE	17.1/N	100.0	.0	.0	.0	76.5	.0	.0	23.5	N /48.7%
6	屏東海域(Z)	744(100%)	23.5	4.5/N	66.2/WNW	60.2	34.4	5.4	.0	15.7	36.4	.5	47.3	WNW/33.2%
7	高雄海域(X)	744(100%)	17.2	8.8/SW	40.9/SSE	86.6	13.4	.0	.0	.0	31.6	29.6	38.8	WNW/20.6%
8	嘉南海域(X)	744(100%)	12.7	7.2/SE	34.9/ESE	93.4	6.6	.0	.0	2.3	61.2	17.7	18.8	SE /33.2%
9	中雲海域(X)	744(100%)	17.5	16.1/WNW	26.3/W	99.3	.7	.0	.0	.0	.0	22.3	77.7	W /30.9%
10	澎湖海域(X)	744(100%)	15.6	14.1/E	35.5/E	80.0	20.0	.0	.0	68.4	17.6	.0	14.0	E /54.8%
11	金門海域(X)	744(100%)	17.4	13.2/SSE	47.8/SE	79.7	20.3	.0	.0	.7	70.4	15.6	13.3	SE /33.5%
12	馬祖海域(X)	744(100%)	8.1	4.4/SW	20.2/WSW	100.0	.0	.0	.0	21.8	16.7	58.9	2.7	WSW/40.7%

2-17

表2.6c 2018年5月12個海域主要測站1殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	719(97%)	16.8	3.6/NE	59.5/NE	79.8	19.5	.7	.0	45.2	8.6	36.6	9.6	ENE/20.3%
2	北端海域(X)	743(100%)	15.4	2.4/SW	60.3/WSW	87.9	11.7	.4	.0	24.0	19.5	33.9	22.6	WSW/13.7%
3	宜蘭海域(X)	727(98%)	13.4	3.8/NNE	69.1/N	90.0	9.9	.1	.0	38.9	16.9	24.1	20.1	NNE/16.2%
4	花蓮海域 (X)													
5	臺東海域(X)	404(54%)	28.5	11.8/N	197.6/E	50.5	39.9	9.2	.5	42.6	10.6	19.3	27.5	N /22.0%
6	屏東海域(Z)	709(95%)	28.5	2.5/NE	140.5/ESE	50.4	40.3	8.9	.4	20.2	33.0	18.3	28.5	ESE/13.0%
7	高雄海域 (X)													
8	嘉南海域 (X)													
9	中雲海域 (X)													
10	澎湖海域(X)	687(92%)	17.3	4.8/SSW	44.4/WSW	85.4	14.6	.0	.0	15.3	33.2	31.0	20.5	SSE/13.2%
11	金門海域(X)	681(92%)	34.3	4.0/NE	102.7/WNW	33.0	50.5	16.4	.0	23.3	35.1	8.4	33.2	WNW/11.5%
12	馬祖海域(X)	727(98%)	20.1	8.8/NE	72.7/ENE	69.7	26.5	3.7	.0	55.8	6.5	21.3	16.4	ENE/21.5%

表2.7a 2018年6月12個海域主要測站1觀測流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	710(99%)	36.6	5.1/NNE	118.2/NE	39.3	32.5	27.9	.3	47.5	3.7	44.4	4.5	NE /27.0%
2	北端海域(X)	713(99%)	26.5	6.4/ENE	73.0/ENE	51.9	43.5	4.6	.0	40.8	21.0	25.0	13.2	E /17.8%
3	宜蘭海域(X)	701(97%)	13.5	3.3/NNW	48.3/NNE	89.9	10.1	.0	.0	24.8	18.5	27.2	29.4	N /14.3%
4	花蓮海域 (X)													
5	臺東海域(X)	720(100%)	29.1	17.6/NNW	78.3/NNE	44.2	48.9	6.9	.0	34.9	2.2	19.3	43.6	N /24.6%
6	屏東海域(Z)	706(98%)	38.5	11.4/NE	144.0/WNW	36.7	34.7	27.1	1.6	29.7	31.9	9.8	28.6	E /13.6%
7	高雄海域 (X)													
8	嘉南海域 (X)													
9	中雲海域(X)	61(9%)	48.1	43.9/NNE	88.5/N	14.8	44.3	41.0	.0	85.2	.0	.0	14.8	NE /34.4%
10	澎湖海域(X)	697(97%)	25.9	12.1/E	63.4/ESE	50.1	48.5	1.4	.0	34.1	38.7	11.3	15.8	ESE/18.1%
11	金門海域(X)	223(31%)	45.7	30.3/ESE	85.5/ESE	13.9	45.3	40.8	.0	25.1	57.0	1.3	16.6	ESE/30.5%
12	馬祖海域(X)	719(100%)	22.1	4.1/NW	69.2/NE	64.3	32.4	3.3	.0	32.3	10.8	41.9	15.0	WSW/21.3%

表2.7b 2018年6月12個海域主要測站1潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	720(100%)	41.2	5.3/NNE	95.0/ENE	26.8	38.5	34.7	.0	48.6	2.4	43.1	6.0	WSW/30.0%
2	北端海域(X)	720(100%)	23.5	8.8/ENE	60.1/ENE	60.1	37.8	2.1	.0	46.1	13.2	27.6	13.1	ENE/23.3%
3	宜蘭海域(X)	720(100%)	5.2	2.0/NW	13.1/NNE	100.0	.0	.0	.0	28.9	.6	40.0	30.6	N /25.7%
4	花蓮海域(X)	720(100%)	5.5	3.7/SW	13.7/SW	100.0	.0	.0	.0	9.7	17.1	62.5	10.7	SW /28.5%
5	臺東海域(X)	720(100%)	8.5	8.2/NNE	17.5/N	100.0	.0	.0	.0	84.9	.0	.0	15.1	N /46.7%
6	屏東海域(Z)	720(100%)	23.9	4.5/N	74.6/WNW	64.0	26.3	9.7	.0	14.9	37.9	4.0	43.2	WNW/26.5%
7	高雄海域(X)	720(100%)	16.7	8.9/SW	38.0/S	86.3	13.8	.0	.0	.0	25.4	36.7	37.9	S /20.7%
8	嘉南海域(X)	720(100%)	12.7	7.3/SE	33.7/ESE	93.3	6.7	.0	.0	.7	62.8	16.4	20.1	SE /35.0%
9	中雲海域(X)	720(100%)	17.6	16.1/WNW	25.8/W	99.9	.1	.0	.0	.0	.0	21.7	78.3	W /29.6%
10	澎湖海域(X)	720(100%)	15.5	14.1/E	36.9/E	81.1	18.9	.0	.0	68.9	17.4	.0	13.8	E /53.5%
11	金門海域(X)	720(100%)	17.3	13.2/SSE	45.4/SE	80.6	19.4	.0	.0	.6	70.7	16.0	12.8	SE /35.6%
12	馬祖海域(X)	720(100%)	8.1	4.3/SW	20.4/WSW	100.0	.0	.0	.0	21.1	15.6	59.0	4.3	WSW/39.2%

2-20

表2.7c 2018年6月12個海域主要測站1殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	710(99%)	18.3	1.0/SSE	67.7/ENE	76.5	21.0	2.5	.0	39.0	10.8	42.7	7.5	ENE/18.2%
2	北端海域(X)	713(99%)	14.2	2.7/WSW	46.8/N	90.5	9.5	.0	.0	22.6	18.8	34.9	23.7	WSW/12.5%
3	宜蘭海域(X)	701(97%)	13.3	1.4/N	49.1/NNE	92.0	8.0	.0	.0	26.5	24.3	23.7	25.5	N /13.1%
4	花蓮海域 (X)													
5	臺東海域(X)	720(100%)	26.5	11.4/NW	76.1/SW	51.0	44.3	4.7	.0	27.2	5.6	27.8	39.4	N /17.2%
6	屏東海域(Z)	706(98%)	27.9	7.9/ENE	98.9/E	50.1	40.2	9.6	.0	30.2	29.3	18.0	22.5	E /13.0%
7	高雄海域 (X)													
8	嘉南海域 (X)													
9	中雲海域(X)	61(9%)	52.6	47.9/NE	88.0/ENE	6.6	37.7	55.7	.0	91.8	1.6	.0	6.6	ENE/39.3%
10	澎湖海域(X)	697(97%)	17.7	2.0/WSW	45.5/ESE	83.8	16.2	.0	.0	20.4	27.1	27.1	25.4	N / 8.9%
11	金門海域(X)	223(31%)	34.1	24.0/ENE	76.5/ENE	28.7	61.4	9.9	.0	52.5	34.5	.4	12.6	E /24.7%
12	馬祖海域(X)	719(100%)	20.6	5.2/N	78.6/NE	70.0	25.2	4.9	.0	38.4	7.4	37.4	16.8	WSW/16.8%

表2.8a 2018年7月12個海域主要測站1觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	734(99%)	43.0	7.6/NNE	131.4/NE	26.4	37.5	35.4	.7	46.7	3.3	42.5	7.5	WSW/25.9%
2	北端海域(X)	739(99%)	26.1	6.6/ENE	87.1/E	52.2	44.0	3.8	.0	42.4	19.6	21.7	16.4	ENE/17.2%
3	宜蘭海域(X)	739(99%)	14.8	5.5/NNW	60.5/N	85.7	13.8	.5	.0	24.0	14.5	26.8	34.8	N /18.4%
4	花蓮海域 (X)													
5	臺東海域(X)	732(98%)	27.5	13.9/NNW	88.7/SSW	49.3	42.3	8.3	.0	42.5	6.4	17.2	33.9	N /22.0%
6	屏東海域(Z)	740(100%)	42.9	12.6/NW	151.0/NW	34.6	31.8	30.1	3.5	24.5	19.6	15.0	40.9	WNW/15.1%
7	高雄海域 (X)													
8	嘉南海域(X)	311(42%)	32.7	11.9/SSW	75.1/SE	36.7	50.2	13.2	.0	2.3	41.8	30.2	25.7	SE /19.3%
9	中雲海域(X)	744(100%)	29.8	24.9/NNE	83.6/NNW	45.7	41.4	12.9	.0	59.3	2.3	3.6	34.8	NNE/27.7%
10	澎湖海域(X)	699(94%)	31.6	16.9/ESE	103.2/SE	41.9	47.2	10.7	.1	21.7	52.9	13.3	12.0	ESE/19.7%
11	金門海域(X)	741(100%)	29.3	8.2/SE	92.4/ESE	51.0	36.4	12.6	.0	26.0	37.9	16.6	19.4	ESE/12.7%
12	馬祖海域(X)	702(94%)	24.4	5.0/N	75.4/E	57.5	38.3	4.1	.0	42.3	10.5	33.3	13.8	WSW/16.1%

表2.8b 2018年7月12個海域主要測站1潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	744(100%)	41.2	5.3/NNE	97.4/ENE	27.0	40.3	32.7	.0	50.0	1.7	42.6	5.6	WSW/29.8%
2	北端海域(X)	744(100%)	23.5	8.7/ENE	60.9/ENE	60.1	37.4	2.6	.0	45.3	13.4	26.3	14.9	ENE/23.7%
3	宜蘭海域(X)	744(100%)	5.2	2.0/NW	14.5/NNE	100.0	.0	.0	.0	29.6	.1	41.1	29.2	N /23.9%
4	花蓮海域(X)	744(100%)	5.6	3.7/SW	15.6/SW	100.0	.0	.0	.0	14.5	15.1	63.4	7.0	SW /25.9%
5	臺東海域(X)	744(100%)	8.4	8.2/NNE	17.2/N	100.0	.0	.0	.0	96.2	.0	.0	3.8	N /46.4%
6	屏東海域(Z)	744(100%)	24.6	4.5/N	78.7/WNW	61.6	28.4	10.1	.0	13.3	38.6	6.9	41.3	ESE/26.1%
7	高雄海域(X)	744(100%)	14.4	8.9/SW	31.4/S	93.4	6.6	.0	.0	.5	11.7	56.6	31.2	S /26.2%
8	嘉南海域(X)	744(100%)	12.8	7.3/SE	32.6/ESE	93.1	6.9	.0	.0	.7	62.4	17.2	19.8	SE /29.2%
9	中雲海域(X)	744(100%)	17.4	16.1/WNW	25.9/WSW	99.7	.3	.0	.0	.0	.0	17.9	82.1	WNW/33.2%
10	澎湖海域(X)	744(100%)	15.5	14.1/E	37.4/E	82.0	18.0	.0	.0	69.4	18.1	.0	12.5	E /53.9%
11	金門海域(X)	744(100%)	17.1	13.1/SSE	46.7/SE	80.9	19.1	.0	.0	.4	71.0	16.5	12.1	SE /36.2%
12	馬祖海域(X)	744(100%)	8.1	4.4/SW	20.1/WSW	100.0	.0	.0	.0	21.0	17.5	58.1	3.5	WSW/37.4%

2-23

表2.8c 2018年7月12個海域主要測站1殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	734(99%)	19.2	2.4/NE	63.0/WSW	72.6	25.1	2.3	.0	42.9	6.5	37.1	13.5	ENE/18.4%
2	北端海域(X)	739(99%)	15.3	2.2/SW	72.3/W	88.4	11.1	.5	.0	24.2	21.7	32.3	21.8	W /11.5%
3	宜蘭海域(X)	739(99%)	14.6	3.5/NNW	54.4/N	88.2	11.4	.4	.0	26.1	19.5	24.8	29.6	N /16.2%
4	花蓮海域 (X)													
5	臺東海域(X)	732(98%)	25.0	7.3/NW	98.0/SSW	58.2	35.2	6.6	.0	31.0	10.7	27.6	30.7	N /16.0%
6	屏東海域(Z)	740(100%)	31.5	9.8/NW	102.3/NW	43.2	42.8	13.9	.0	21.6	15.7	26.2	36.5	W /14.9%
7	高雄海域 (X)													
8	嘉南海域(X)	311(42%)	35.5	10.0/WSW	69.0/WSW	28.6	53.4	18.0	.0	2.3	38.6	21.9	37.3	W /18.0%
9	中雲海域(X)	744(100%)	33.1	27.8/NE	88.5/ENE	37.1	47.8	15.1	.0	78.8	13.2	2.4	5.6	NE /33.6%
10	澎湖海域(X)	699(94%)	24.0	10.1/S	102.5/SE	72.2	18.0	9.7	.0	13.9	40.5	28.3	17.3	SE /14.3%
11	金門海域(X)	741(100%)	30.2	7.1/N	93.0/W	47.4	39.7	13.0	.0	33.9	20.2	12.1	33.7	WNW/13.4%
12	馬祖海域(X)	702(94%)	23.3	8.6/NNE	79.7/E	64.0	30.2	5.8	.0	47.7	8.5	28.6	15.1	NE /16.0%

表2.9a 2018年8月12個海域主要測站1觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	741(100%)	48.6	7.5/NNE	124.2/NE	20.1	34.7	43.7	1.5	47.6	2.4	46.3	3.6	NE /25.9%
2	北端海域(X)	498(67%)	22.3	6.4/ENE	66.8/ENE	64.9	33.1	2.0	.0	43.4	18.5	18.5	19.7	ENE/18.1%
3	宜蘭海域(X)	155(21%)	12.3	2.9/SSW	36.5/NW	89.7	10.3	.0	.0	12.9	33.5	29.7	23.9	S /18.1%
4	花蓮海域(X)	395(53%)	13.6	5.5/N	41.5/SSW	92.9	7.1	.0	.0	41.5	10.4	17.0	31.1	N /12.9%
5	臺東海域(X)	743(100%)	21.4	9.7/NNE	69.8/S	68.8	27.6	3.6	.0	49.9	17.8	17.6	14.7	N /21.3%
6	屏東海域(Z)	739(99%)	46.8	20.5/WNW	168.0/WNW	24.9	38.6	32.1	4.5	16.1	14.1	17.6	52.2	WNW/20.6%
7	高雄海域(X)	527(71%)	36.6	17.8/WNW	147.3/NNW	32.8	47.8	18.4	.9	3.6	16.3	20.1	60.0	NW /27.3%
8	嘉南海域(X)	741(100%)	38.2	15.5/SW	141.1/WNW	30.8	45.2	23.3	.7	1.3	35.6	28.6	34.4	SE /17.7%
9	中雲海域(X)	733(99%)	32.6	16.1/NW	126.0/SW	46.7	36.4	15.8	1.1	38.3	8.0	18.0	35.6	N /26.3%
10	澎湖海域(X)	14(2%)	46.6	33.9/WNW	74.0/NNW	21.4	35.7	42.9	.0	.0	.0	35.7	64.3	W /21.4%
11	金門海域(X)	744(100%)	25.7	3.4/ESE	77.6/WNW	56.9	37.8	5.4	.0	26.6	30.9	18.0	24.5	ENE/ 9.8%
12	馬祖海域(X)	743(100%)	24.7	7.8/N	73.2/NE	58.8	35.9	5.2	.0	41.3	8.3	28.1	22.2	WSW/14.5%

表2.9b 2018年8月12個海域主要測站1潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	744(100%)	41.1	5.3/NNE	95.8/NE	27.4	39.8	32.8	.0	48.8	2.6	42.5	6.2	WSW/30.0%
2	北端海域(X)	744(100%)	23.6	8.8/ENE	59.7/ENE	59.9	38.2	1.9	.0	45.3	12.9	27.7	14.1	ENE/23.5%
3	宜蘭海域(X)	744(100%)	5.4	2.0/NW	15.3/NNE	100.0	.0	.0	.0	29.6	.0	41.3	29.2	N /23.9%
4	花蓮海域(X)	744(100%)	5.6	3.7/SW	16.1/SW	100.0	.0	.0	.0	17.9	16.7	62.4	3.1	SW /29.8%
5	臺東海域(X)	744(100%)	8.4	8.2/NNE	16.2/N	100.0	.0	.0	.0	100.0	.0	.0	.0	N /49.2%
6	屏東海域(Z)	744(100%)	24.5	4.5/N	76.5/WNW	59.4	32.1	8.5	.0	13.4	37.6	4.7	44.2	ESE/24.3%
7	高雄海域(X)	744(100%)	12.2	8.9/SW	24.7/S	100.0	.0	.0	.0	4.6	8.3	68.0	19.1	SSW/28.2%
8	嘉南海域(X)	744(100%)	13.1	7.3/SE	31.3/ESE	92.2	7.8	.0	.0	3.4	59.7	18.8	18.1	SE /29.6%
9	中雲海域(X)	744(100%)	17.0	16.1/WNW	26.5/WSW	98.8	1.2	.0	.0	.0	.0	12.5	87.5	WNW/45.2%
10	澎湖海域(X)	744(100%)	15.5	14.1/E	37.2/E	81.7	18.3	.0	.0	71.5	16.4	.0	12.1	E /54.3%
11	金門海域(X)	744(100%)	17.1	13.1/SSE	48.8/SE	79.7	20.3	.0	.0	.5	69.4	18.0	12.1	SE /37.5%
12	馬祖海域(X)	744(100%)	8.1	4.4/SW	20.3/WSW	100.0	.0	.0	.0	20.4	16.8	59.1	3.6	WSW/37.1%

2-26

表2.9c 2018年8月12個海域主要測站1殘餘流流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	741(100%)	16.3	2.3/NE	51.6/ENE	81.5	18.4	.1	.0	41.0	9.7	38.9	10.4	ENE/21.2%
2	北端海域(X)	498(67%)	14.4	3.0/W	63.1/W	90.6	8.0	1.4	.0	25.3	17.9	31.9	24.9	W /12.7%
3	宜蘭海域(X)	155(21%)	13.7	4.2/S	37.1/S	89.7	10.3	.0	.0	16.8	43.2	21.9	18.1	SSE/20.0%
4	花蓮海域(X)	395(53%)	15.0	8.5/N	39.6/N	89.9	10.1	.0	.0	48.1	8.4	11.1	32.4	N /15.4%
5	臺東海域(X)	743(100%)	19.7	2.4/ENE	75.9/S	72.1	26.5	1.3	.0	37.6	21.5	27.9	13.1	S /14.9%
6	屏東海域(Z)	739(99%)	38.1	19.1/WNW	122.4/WNW	32.3	41.5	25.6	.5	14.9	12.3	28.8	44.0	W /22.7%
7	高雄海域(X)	527(71%)	35.0	19.0/NNW	139.8/NNW	38.5	41.0	19.5	.9	8.7	20.9	10.2	60.2	NNW/28.5%
8	嘉南海域(X)	741(100%)	39.7	17.2/WSW	129.7/WNW	27.4	46.8	25.1	.7	1.5	33.1	22.5	42.9	WNW/23.8%
9	中雲海域(X)	733(99%)	33.2	9.4/NE	122.6/SW	39.6	47.3	12.7	.4	57.7	16.9	16.1	9.3	NE /26.5%
10	澎湖海域(X)	14(2%)	55.7	45.0/W	90.8/NW	7.1	28.6	64.3	.0	.0	.0	42.9	57.1	W /28.6%
11	金門海域(X)	744(100%)	28.6	10.3/NNW	83.1/WNW	44.4	47.7	7.9	.0	26.3	16.9	12.5	44.2	NW /12.6%
12	馬祖海域(X)	743(100%)	23.8	10.8/NNE	76.9/NE	60.3	33.6	6.1	.0	49.8	7.5	22.9	19.8	NE /19.2%

表2.10a 2018年9月12個海域主要測站1觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	691(96%)	50.2	4.1/NNE	142.9/NE	19.8	33.1	45.4	1.6	44.0	3.2	47.8	5.1	WSW/24.0%
2	北端海域 (X)													
3	宜蘭海域(X)	699(97%)	15.5	2.1/NNW	63.9/N	84.8	14.7	.4	.0	31.9	18.0	29.5	20.6	N /14.4%
4	花蓮海域(X)	709(99%)	16.8	3.6/SSE	81.1/WSW	83.9	14.7	1.4	.0	26.1	32.9	23.0	18.1	SE / 8.9%
5	臺東海域(X)	472(66%)	19.4	5.1/NNE	233.8/NNE	79.9	17.6	1.7	.8	34.1	16.7	27.1	22.0	N /15.3%
6	屏東海域(Z)	717(100%)	42.5	13.7/NW	170.0/NW	33.5	37.7	23.7	5.2	20.6	18.4	15.9	45.0	WNW/17.4%
7	高雄海域(X)	169(24%)	31.4	4.0/SW	87.8/NE	38.5	49.7	11.8	.0	13.0	33.1	26.6	27.2	SSE/10.1%
8	嘉南海域(X)	693(96%)	29.6	10.4/SSE	100.6/SW	52.7	31.5	15.9	.0	4.2	47.8	19.5	28.6	SE /18.9%
9	中雲海域(X)	671(93%)	43.1	16.7/NW	105.9/ENE	24.4	36.1	39.3	.1	32.3	6.7	36.4	24.6	WSW/26.1%
10	澎湖海域(X)	720(100%)	25.4	13.2/E	68.4/E	52.6	43.9	3.5	.0	26.3	46.1	8.2	19.4	E /23.6%
11	金門海域(X)	434(60%)	36.2	11.6/S	98.0/W	34.8	40.8	24.4	.0	19.4	36.6	21.2	22.8	SSE/13.4%
12	馬祖海域(X)	701(97%)	20.9	9.7/WSW	65.3/WSW	67.2	30.1	2.7	.0	18.4	11.1	60.5	10.0	WSW/27.1%

表 2.10b 2018 年 9 月 12 個海域主要測站 1 潮流 (含平均流) 流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	720(100%)	41.5	5.3/NNE	93.3/ENE	26.7	39.9	33.5	.0	48.8	1.7	43.2	6.4	WSW/29.7%
2	北端海域(X)	720(100%)	23.8	8.8/ENE	58.6/ENE	58.6	38.9	2.5	.0	46.1	12.4	27.4	14.2	ENE/23.6%
3	宜蘭海域(X)	720(100%)	5.7	2.0/NW	15.9/N	100.0	.0	.0	.0	29.9	.4	41.5	28.2	N /28.6%
4	花蓮海域(X)	720(100%)	5.4	3.7/SW	16.0/SW	100.0	.0	.0	.0	16.7	17.1	65.8	.4	SW /32.8%
5	臺東海域(X)	720(100%)	8.4	8.2/NNE	15.1/N	100.0	.0	.0	.0	90.8	.0	.0	9.2	N /51.7%
6	屏東海域(Z)	720(100%)	24.3	4.5/N	69.8/WNW	56.1	39.3	4.6	.0	14.2	37.4	2.5	46.0	WNW/27.4%
7	高雄海域(X)	720(100%)	13.0	8.9/SW	28.9/S	97.2	2.8	.0	.0	4.6	22.9	56.4	16.1	WSW/17.8%
8	嘉南海域(X)	720(100%)	13.2	7.3/SE	32.1/ESE	92.1	7.9	.0	.0	4.6	58.6	19.6	17.2	SE /28.5%
9	中雲海域(X)	720(100%)	16.9	16.1/WNW	26.6/W	97.8	2.2	.0	.0	.0	.0	12.9	87.1	WNW/48.5%
10	澎湖海域(X)	720(100%)	15.6	14.1/E	37.1/E	81.8	18.2	.0	.0	71.7	15.4	.0	12.9	E /55.1%
11	金門海域(X)	720(100%)	17.2	13.2/SSE	49.8/SE	78.2	21.8	.0	.0	.8	68.5	17.9	12.8	SE /33.8%
12	馬祖海域(X)	720(100%)	8.0	4.3/SW	20.1/WSW	100.0	.0	.0	.0	22.1	16.9	59.2	1.8	WSW/38.5%

2-29

表2.10c 2018年9月12個海域主要測站1殘餘流流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	691(96%)	17.0	1.1/SSW	73.1/WSW	81.6	17.1	1.3	.0	38.2	14.0	40.4	7.4	NE /15.3%
2	北端海域 (X)													
3	宜蘭海域(X)	699(97%)	15.7	.5/ENE	61.3/N	84.8	14.9	.3	.0	32.6	23.5	28.8	15.2	N /12.9%
4	花蓮海域(X)	709(99%)	17.7	4.0/E	82.3/WSW	80.7	17.8	1.6	.0	32.3	30.9	16.9	19.9	NE /12.1%
5	臺東海域(X)	472(66%)	19.8	3.1/SSW	226.9/NNE	78.0	19.9	1.3	.8	23.5	19.5	43.2	13.8	S /17.6%
6	屏東海域(Z)	717(100%)	33.2	11.3/WNW	119.9/WNW	40.4	43.8	15.1	.7	20.9	15.1	26.1	37.9	W /16.5%
7	高雄海域(X)	169(24%)	28.1	4.7/NE	91.3/NNE	52.1	37.3	10.7	.0	26.0	35.5	10.7	27.8	SSE/11.2%
8	嘉南海域(X)	693(96%)	29.9	3.4/S	105.0/WSW	46.6	41.6	11.7	.1	6.6	41.3	13.3	38.8	WNW/17.3%
9	中雲海域(X)	671(93%)	41.6	4.5/NNE	120.6/ENE	21.6	48.3	29.7	.4	42.3	16.1	34.7	6.9	WSW/19.1%
10	澎湖海域(X)	720(100%)	17.3	3.0/SSW	51.7/W	83.6	16.3	.1	.0	15.0	37.5	24.6	22.9	ESE/11.0%
11	金門海域(X)	434(60%)	35.4	5.8/W	95.0/W	31.6	52.3	16.1	.0	18.9	22.1	24.9	34.1	WNW/12.9%
12	馬祖海域(X)	701(97%)	18.1	5.5/WSW	69.5/ENE	76.9	21.3	1.9	.0	21.4	12.6	55.1	11.0	SW /18.8%

表2.11a 2018年10月12個海域主要測站1觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	692(93%)	49.8	3.5/NNE	114.9/ENE	23.1	28.3	47.4	1.2	43.6	2.3	49.3	4.8	WSW/23.8%
2	北端海域(X)	174(23%)	18.9	8.2/ESE	52.2/ENE	78.2	21.3	.6	.0	28.2	37.9	23.6	10.3	ENE/14.4%
3	宜蘭海域 (X)													
4	花蓮海域(X)	740(100%)	16.9	7.7/SSW	58.9/SW	82.3	17.6	.1	.0	21.8	16.5	53.5	8.2	SW /24.2%
5	臺東海域(X)	744(100%)	14.9	9.6/NNE	57.1/SSE	89.7	10.1	.3	.0	63.6	14.2	7.1	15.1	NNE/27.3%
6	屏東海域(Z)	742(100%)	32.8	11.0/ENE	93.0/ESE	46.5	32.6	20.9	.0	21.2	38.5	6.1	34.2	E /19.8%
7	高雄海域(X)	649(87%)	29.9	13.3/SSW	87.2/S	43.8	47.5	8.8	.0	6.3	27.3	40.7	25.7	S /18.8%
8	嘉南海域(X)	688(93%)	26.3	17.8/ESE	76.0/ESE	55.1	33.7	11.2	.0	7.3	65.3	5.1	22.4	ESE/35.8%
9	中雲海域(X)	740(100%)	34.1	28.7/WSW	88.8/WSW	34.3	51.1	14.6	.0	5.8	1.4	70.0	22.8	WSW/46.8%
10	澎湖海域(X)	650(87%)	24.3	14.4/ENE	129.5/ENE	62.5	34.8	2.6	.2	48.9	27.5	1.2	22.3	E /35.2%
11	金門海域 (X)													
12	馬祖海域(X)	735(99%)	20.3	16.7/WSW	65.6/WSW	69.5	29.1	1.4	.0	6.3	11.0	76.9	5.9	WSW/35.6%

表 2.11b 2018 年 10 月 12 個海域主要測站 1 潮流 (含平均流) 流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	744(100%)	41.5	5.4/NNE	91.7/ENE	28.2	37.2	34.5	.0	49.9	1.9	41.9	6.3	WSW/30.0%
2	北端海域(X)	744(100%)	23.9	8.8/ENE	56.3/ENE	58.6	39.2	2.2	.0	45.3	13.3	27.4	14.0	ENE/23.3%
3	宜蘭海域(X)	744(100%)	5.7	2.0/NW	15.1/N	100.0	.0	.0	.0	30.9	.8	40.6	27.7	N /28.9%
4	花蓮海域(X)	744(100%)	5.3	3.7/SW	14.8/SW	100.0	.0	.0	.0	9.9	20.4	65.3	4.3	SW /30.9%
5	臺東海域(X)	744(100%)	8.6	8.2/NNE	16.7/N	100.0	.0	.0	.0	78.0	.0	.0	22.0	N /48.3%
6	屏東海域(Z)	744(100%)	23.7	4.5/N	58.7/WNW	55.8	41.1	3.1	.0	14.9	37.4	.8	46.9	WNW/31.2%
7	高雄海域(X)	744(100%)	15.8	8.9/SW	35.2/S	90.3	9.7	.0	.0	1.6	29.6	36.2	32.7	WNW/18.3%
8	嘉南海域(X)	744(100%)	13.2	7.3/SE	34.5/ESE	92.1	7.9	.0	.0	4.6	59.1	18.8	17.5	SE /29.4%
9	中雲海域(X)	744(100%)	17.1	16.2/WNW	26.4/W	98.4	1.6	.0	.0	.0	.0	18.4	81.6	WNW/36.6%
10	澎湖海域(X)	744(100%)	15.6	14.0/E	36.2/E	81.0	19.0	.0	.0	71.0	15.7	.0	13.3	E /55.2%
11	金門海域(X)	744(100%)	17.1	13.2/SSE	49.5/SE	79.6	20.4	.0	.0	.7	69.1	17.7	12.5	SE /31.2%
12	馬祖海域(X)	744(100%)	8.1	4.3/SW	19.7/WSW	100.0	.0	.0	.0	22.6	16.0	59.0	2.4	WSW/40.6%

2-32

表 2.11c 2018年10月12個海域主要測站1殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	692(93%)	15.6	1.5/SSW	65.7/WSW	85.3	13.0	1.7	.0	35.5	15.6	41.9	6.9	SW /16.8%
2	北端海域(X)	174(23%)	13.0	7.0/S	51.1/SSE	90.8	9.2	.0	.0	10.9	32.2	41.4	15.5	S /12.6%
3	宜蘭海域 (X)													
4	花蓮海域(X)	740(100%)	16.4	4.1/SSW	52.9/SW	86.2	13.6	.1	.0	27.8	16.6	46.1	9.5	SW /19.3%
5	臺東海域(X)	744(100%)	12.0	2.8/E	60.9/SSE	94.4	5.5	.1	.0	41.4	28.4	17.7	12.5	NNE/16.1%
6	屏東海域(Z)	742(100%)	23.6	10.3/E	78.4/ENE	62.3	34.2	3.5	.0	20.4	46.5	12.5	20.6	E /20.1%
7	高雄海域(X)	649(87%)	25.3	5.3/S	78.3/S	57.5	37.3	5.2	.0	14.8	35.7	21.7	27.7	S /17.1%
8	嘉南海域(X)	688(93%)	25.6	11.5/ESE	78.8/ESE	57.3	36.0	6.7	.0	11.5	52.3	4.2	32.0	ESE/32.8%
9	中雲海域(X)	740(100%)	27.0	17.9/SW	78.7/SW	52.0	39.3	8.6	.0	13.8	13.1	64.9	8.2	SW /29.2%
10	澎湖海域(X)	650(87%)	16.0	2.2/N	127.3/ENE	82.3	17.4	.2	.2	22.9	31.2	7.1	38.8	WNW/17.4%
11	金門海域 (X)													
12	馬祖海域(X)	735(99%)	16.5	12.3/WSW	50.5/ENE	83.4	16.6	.0	.0	9.0	7.8	74.4	8.8	WSW/30.7%

表2.12a 2018年11月12個海域主要測站1觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	713(99%)	50.1	4.9/NNE	125.1/NE	20.8	29.2	48.8	1.3	45.2	3.2	48.4	3.2	WSW/26.1%
2	北端海域 (X)													
3	宜蘭海域 (X)													
4	花蓮海域(X)	720(100%)	24.2	6.5/S	311.7/SSE	81.8	12.5	1.4	4.3	26.5	27.6	36.7	9.2	SW /12.1%
5	臺東海域(X)	539(75%)	14.2	2.2/SE	49.8/NNE	90.4	9.6	.0	.0	35.1	24.7	28.9	11.3	NNE/16.3%
6	屏東海域(Z)	720(100%)	53.8	2.2/SW	151.0/NW	21.9	27.8	43.2	7.1	10.3	41.1	9.3	39.3	WNW/18.8%
7	高雄海域(X)	653(91%)	25.5	15.8/S	70.9/S	54.8	40.1	5.1	.0	4.7	46.2	31.4	17.6	SSE/23.0%
8	嘉南海域(X)	691(96%)	24.7	21.1/ESE	80.3/ESE	57.9	34.2	8.0	.0	6.5	76.7	2.3	14.5	ESE/49.1%
9	中雲海域(X)	703(98%)	29.7	19.7/WSW	98.6/WSW	51.1	36.6	12.4	.0	14.8	8.0	59.3	17.9	WSW/35.0%
10	澎湖海域(X)	492(68%)	26.2	17.5/ENE	66.7/E	53.7	42.7	3.7	.0	66.3	10.0	.6	23.2	E /26.4%
11	金門海域 (X)													
12	馬祖海域(X)	715(99%)	17.9	13.1/SW	56.7/WSW	76.2	22.7	1.1	.0	7.3	17.3	69.9	5.5	WSW/32.0%

表 2.12b 2018 年 11 月 12 個海域主要測站 1 潮流 (含平均流) 流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	720(100%)	41.7	5.3/NNE	91.5/NE	28.1	37.2	34.7	.0	49.3	2.8	41.7	6.3	WSW/29.4%
2	北端海域(X)	720(100%)	23.9	8.8/ENE	56.5/ENE	57.6	40.3	2.1	.0	45.0	13.2	27.4	14.4	ENE/23.9%
3	宜蘭海域(X)	720(100%)	5.5	2.0/NW	13.1/N	100.0	.0	.0	.0	29.7	.6	39.2	30.6	N /28.3%
4	花蓮海域(X)	720(100%)	5.4	3.7/SW	12.4/SW	100.0	.0	.0	.0	8.2	19.9	62.2	9.7	SW /29.0%
5	臺東海域(X)	720(100%)	8.6	8.2/NNE	17.3/N	100.0	.0	.0	.0	77.6	.0	.0	22.4	N /47.5%
6	屏東海域(Z)	720(100%)	23.4	4.5/N	67.3/WNW	61.7	32.4	6.0	.0	14.6	38.8	.7	46.0	WNW/32.2%
7	高雄海域(X)	720(100%)	17.5	8.9/SW	39.5/S	84.0	16.0	.0	.0	.3	30.7	28.8	40.3	WNW/20.6%
8	嘉南海域(X)	720(100%)	12.9	7.3/SE	34.7/ESE	92.5	7.5	.0	.0	2.9	60.4	17.9	18.8	SE /31.9%
9	中雲海域(X)	720(100%)	17.4	16.2/WNW	26.1/W	99.4	.6	.0	.0	.0	.0	22.5	77.5	W /32.1%
10	澎湖海域(X)	720(100%)	15.6	14.0/E	35.4/E	81.0	19.0	.0	.0	69.3	17.1	.0	13.6	E /54.9%
11	金門海域(X)	720(100%)	17.2	13.2/SSE	48.0/SE	80.1	19.9	.0	.0	1.3	69.7	17.5	11.5	SE /32.9%
12	馬祖海域(X)	720(100%)	8.1	4.3/SW	20.2/WSW	100.0	.0	.0	.0	21.9	15.4	59.6	3.1	WSW/40.3%

2-35

表 2.12c 2018 年 11 月 12 個海域主要測站 1 殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	713(99%)	15.4	.4/SSW	106.5/SSW	84.6	14.6	.7	.1	33.5	13.2	40.7	12.6	WSW/16.3%
2	北端海域 (X)													
3	宜蘭海域 (X)													
4	花蓮海域(X)	720(100%)	23.6	4.5/SE	311.9/SSE	82.2	12.6	.8	4.3	33.5	24.4	28.2	13.9	ENE/14.2%
5	臺東海域(X)	539(75%)	16.4	9.4/S	52.9/SSE	82.2	17.6	.2	.0	18.2	31.9	41.6	8.3	SSW/20.0%
6	屏東海域(Z)	720(100%)	45.8	6.4/SSW	150.9/SE	29.2	34.3	32.1	4.4	9.3	37.5	19.4	33.8	SE /16.5%
7	高雄海域(X)	653(91%)	22.8	11.4/SE	68.4/SSE	64.2	33.2	2.6	.0	20.7	54.5	12.3	12.6	SSE/23.1%
8	嘉南海域(X)	691(96%)	23.4	14.8/ESE	74.6/ESE	63.0	31.1	5.9	.0	16.4	56.2	2.2	25.3	ESE/34.9%
9	中雲海域(X)	703(98%)	27.7	12.2/SSW	88.9/WSW	51.5	39.4	9.1	.0	20.2	25.6	50.5	3.7	SW /21.2%
10	澎湖海域(X)	492(68%)	16.7	7.2/N	40.7/WNW	85.2	14.8	.0	.0	40.9	14.8	1.8	42.5	NW /16.1%
11	金門海域 (X)													
12	馬祖海域(X)	715(99%)	14.0	8.8/WSW	63.3/NNE	88.4	11.3	.3	.0	12.4	11.0	64.1	12.4	WSW/23.2%

表 2.13a 2018 年冬季 12 個海域主要測站 1 觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	1564(72%)	50.9	4.8/NNW	125.5/NE	18.1	30.8	50.1	1.0	42.9	2.9	45.3	9.0	WSW/29.2%
2	北端海域(X)	2146(99%)	31.9	11.7/ENE	108.2/ENE	41.6	45.2	13.0	.1	46.7	17.7	19.2	16.4	ENE/22.6%
3	宜蘭海域(X)	1274(59%)	14.7	6.5/SSW	50.9/SSW	88.1	11.9	.0	.0	19.7	22.7	45.7	11.9	SSW/19.9%
4	花蓮海域(X)	2159(100%)	14.1	5.3/WSW	61.4/WSW	87.3	12.1	.6	.0	23.1	12.9	47.6	16.5	SW /15.4%
5	臺東海域(X)	2160(100%)	14.6	5.4/NE	61.8/NNE	85.9	13.6	.6	.0	44.2	29.2	9.9	16.8	NNE/18.4%
6	屏東海域(Z)	2139(99%)	43.1	6.0/ESE	154.0/SE	31.2	35.8	29.2	3.8	12.3	43.9	6.0	37.8	ESE/19.8%
7	高雄海域 (X)													
8	嘉南海域(X)	2078(96%)	18.3	4.7/SE	52.4/ESE	75.2	24.7	.0	.0	9.2	45.0	10.7	35.0	WNW/21.1%
9	中雲海域(X)	657(30%)	40.6	32.1/W	122.8/WSW	30.7	39.7	28.5	1.1	8.7	.2	62.4	28.8	WSW/35.5%
10	澎湖海域(X)	2160(100%)	24.6	14.5/ENE	67.3/E	56.7	41.1	2.2	.0	49.0	25.6	1.1	24.4	E /35.5%
11	金門海域(X)	1085(50%)	41.0	20.5/S	90.9/WNW	26.8	38.3	34.8	.0	2.4	58.3	13.3	26.0	SSE/26.5%
12	馬祖海域(X)	2154(100%)	15.1	8.0/SSW	65.1/SW	85.8	13.6	.6	.0	15.9	28.6	47.7	7.8	SW /18.8%

表2.13b 2018年冬季12個海域主要測站1潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	2160(100%)	42.0	5.3/NNE	97.1/ENE	26.4	38.9	34.6	.0	48.8	2.5	42.7	5.9	WSW/29.7%
2	北端海域(X)	2160(100%)	24.1	8.8/ENE	60.8/ENE	58.4	39.2	2.4	.0	45.6	12.6	28.0	13.8	ENE/23.6%
3	宜蘭海域(X)	2160(100%)	5.3	2.0/NW	15.6/N	100.0	.0	.0	.0	29.6	.3	41.4	28.7	N /23.4%
4	花蓮海域(X)	2160(100%)	5.6	3.7/SW	16.4/SW	100.0	.0	.0	.0	15.2	15.0	63.5	6.3	SW /27.5%
5	臺東海域(X)	2160(100%)	8.4	8.2/NNE	17.3/N	100.0	.0	.0	.0	93.5	.0	.0	6.5	N /46.9%
6	屏東海域(Z)	2160(100%)	24.8	4.5/N	79.5/WNW	61.1	28.9	10.0	.0	13.8	38.1	4.7	43.5	ESE/25.9%
7	高雄海域(X)	2160(100%)	14.4	8.8/SW	39.8/S	93.5	6.5	.0	.0	1.4	15.5	54.1	29.0	SSW/19.4%
8	嘉南海域(X)	2160(100%)	12.8	7.3/SE	34.3/ESE	92.5	7.5	.0	.0	1.7	62.4	16.5	19.4	SE /30.8%
9	中雲海域(X)	2160(100%)	17.4	16.1/WNW	26.5/WSW	99.5	.5	.0	.0	.0	.0	17.8	82.2	WNW/34.6%
10	澎湖海域(X)	2160(100%)	15.6	14.1/E	37.6/E	80.3	19.7	.0	.0	69.7	17.4	.0	12.9	E /53.8%
11	金門海域(X)	2160(100%)	17.1	13.1/SSE	48.1/SE	79.6	20.4	.0	.0	.6	69.5	17.8	12.1	SE /36.9%
12	馬祖海域(X)	2160(100%)	8.2	4.3/SW	20.7/WSW	100.0	.0	.0	.0	22.1	16.4	58.3	3.1	WSW/38.1%

2-38

表 2.13c 2018 年冬季 12 個海域主要測站 1 殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	1564(72%)	18.3	3.3/W	125.2/SW	77.0	20.9	2.0	.1	29.3	10.4	43.9	16.4	WSW/21.7%
2	北端海域(X)	2146(99%)	16.7	3.0/ENE	62.3/ENE	82.3	17.2	.4	.0	32.7	23.4	20.4	23.6	ENE/10.5%
3	宜蘭海域(X)	1274(59%)	14.4	7.8/S	55.0/SSW	88.6	11.2	.2	.0	16.1	29.6	44.7	9.7	SSW/20.3%
4	花蓮海域(X)	2159(100%)	13.3	2.3/W	63.7/SW	90.5	9.2	.3	.0	32.6	13.0	34.5	19.9	SW /11.6%
5	臺東海域(X)	2160(100%)	14.5	4.5/SSE	63.7/S	87.1	12.6	.3	.0	25.3	37.1	26.3	11.3	S /22.3%
6	屏東海域(Z)	2138(99%)	34.3	8.6/SE	143.7/SE	47.8	32.3	16.9	3.1	11.6	41.2	16.3	30.9	SE /17.2%
7	高雄海域 (X)													
8	嘉南海域(X)	2078(96%)	16.9	2.8/NNW	48.2/ESE	83.3	16.7	.0	.0	13.3	34.8	5.3	46.6	WNW/21.7%
9	中雲海域(X)	657(30%)	33.1	19.5/WSW	104.9/WSW	40.2	40.9	18.6	.3	23.3	6.8	61.9	7.9	SW /25.4%
10	澎湖海域(X)	2160(100%)	16.7	2.6/N	56.0/WNW	83.1	16.9	.0	.0	25.2	30.4	5.8	38.6	WNW/17.7%
11	金門海域(X)	1085(50%)	36.9	10.2/SSW	115.7/WNW	34.8	40.5	24.4	.3	6.4	46.9	10.9	35.9	SSE/20.2%
12	馬祖海域(X)	2154(100%)	12.5	5.4/SSE	62.6/NE	92.3	7.4	.3	.0	25.3	33.9	34.1	6.7	SSW/13.6%

表 2.14a 2018 年春季 12 個海域主要測站 1 觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	2049(93%)	49.4	6.4/NNE	142.5/ENE	20.6	31.5	46.3	1.7	46.3	4.2	44.9	4.5	WSW/27.5%
2	北端海域(X)	2192(99%)	30.6	8.2/ENE	94.4/ENE	41.1	49.0	9.9	.0	43.3	18.0	23.0	15.7	ENE/21.7%
3	宜蘭海域(X)	2065(94%)	15.0	4.8/N	76.6/N	86.0	13.2	.9	.0	36.5	13.3	28.5	21.7	N /18.8%
4	花蓮海域(X)	633(29%)	15.3	1.1/WSW	77.6/SW	85.2	13.7	1.1	.0	35.5	16.6	31.3	16.6	NE /12.8%
5	臺東海域(X)	626(28%)	27.5	14.9/NNE	200.2/E	52.2	37.9	9.7	.2	49.0	17.6	12.6	20.8	N /24.4%
6	屏東海域(Z)	2086(95%)	32.6	6.8/NNE	144.0/NW	45.2	37.3	16.6	.9	21.3	30.8	8.4	39.5	E /15.5%
7	高雄海域 (X)													
8	嘉南海域(X)	1293(59%)	18.8	4.0/E	49.1/ESE	77.6	22.4	.0	.0	21.2	34.0	13.4	31.4	WNW/15.0%
9	中雲海域 (X)													
10	澎湖海域(X)	2151(97%)	26.1	14.8/E	66.4/E	50.1	47.6	2.3	.0	38.3	35.3	7.5	18.9	E /25.1%
11	金門海域(X)	1887(86%)	38.6	16.3/SSE	99.1/SE	29.4	45.0	25.6	.0	10.4	58.8	7.8	22.9	SSE/19.8%
12	馬祖海域(X)	2170(98%)	18.4	.8/S	78.1/NNE	76.5	21.7	1.9	.0	33.5	18.4	33.4	14.7	WSW/11.8%

表2.14b 2018年春季12個海域主要測站1潮流 (含平均流) 流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	2208(100%)	42.1	5.2/NNE	94.0/ENE	28.3	35.5	36.3	.0	48.7	2.2	42.8	6.3	WSW/29.9%
2	北端海域(X)	2208(100%)	24.1	8.7/ENE	59.0/ENE	57.9	39.9	2.2	.0	45.7	12.6	27.7	14.0	ENE/23.1%
3	宜蘭海域(X)	2208(100%)	5.6	2.0/NW	15.0/N	100.0	.0	.0	.0	30.7	.5	39.7	29.1	N /27.9%
4	花蓮海域(X)	2208(100%)	5.4	3.7/SW	15.8/SW	100.0	.0	.0	.0	12.0	18.6	64.2	5.3	SW /32.8%
5	臺東海域(X)	2208(100%)	8.5	8.2/NNE	17.1/N	100.0	.0	.0	.0	82.2	.0	.0	17.8	N /49.0%
6	屏東海域(Z)	2208(100%)	24.0	4.5/N	73.2/WNW	56.9	39.0	4.0	.0	14.9	37.2	1.3	46.7	WNW/30.8%
7	高雄海域(X)	2208(100%)	15.3	8.8/SW	40.9/SSE	91.1	8.9	.0	.0	2.0	27.1	41.1	29.8	WNW/14.5%
8	嘉南海域(X)	2208(100%)	12.9	7.2/SE	34.9/ESE	92.8	7.2	.0	.0	4.3	59.1	19.3	17.3	SE /30.8%
9	中雲海域(X)	2208(100%)	17.1	16.1/WNW	26.8/WSW	98.8	1.2	.0	.0	.0	.0	16.6	83.4	WNW/40.9%
10	澎湖海域(X)	2208(100%)	15.7	14.1/E	36.8/E	80.2	19.8	.0	.0	69.3	16.6	.0	14.0	E /55.4%
11	金門海域(X)	2208(100%)	17.4	13.2/SSE	49.5/SE	79.0	21.0	.0	.0	.8	69.6	16.8	12.9	SE /32.9%
12	馬祖海域(X)	2208(100%)	8.1	4.3/SW	20.2/WSW	100.0	.0	.0	.0	21.8	16.4	59.4	2.4	WSW/40.3%

表2.14c 2018年春季12個海域主要測站1殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	2049(93%)	16.8	1.6/ENE	94.4/W	80.4	18.1	1.5	.0	39.1	14.3	35.9	10.6	ENE/17.3%
2	北端海域(X)	2192(99%)	15.7	.5/WSW	63.8/SW	86.1	13.6	.3	.0	26.1	21.6	27.7	24.5	WSW/ 9.5%
3	宜蘭海域(X)	2065(94%)	13.9	3.3/NNE	69.1/N	89.3	10.3	.3	.0	36.7	20.4	24.2	18.6	N /14.9%
4	花蓮海域(X)	633(29%)	14.9	2.9/NNE	69.3/SW	85.9	13.4	.6	.0	45.3	13.7	22.1	18.8	NE /14.7%
5	臺東海域(X)	626(28%)	24.8	6.8/NNE	197.6/E	59.7	33.7	6.2	.3	38.7	23.5	17.1	20.8	N /17.9%
6	屏東海域(Z)	2086(95%)	24.5	2.5/NNE	140.5/ESE	59.5	35.0	5.3	.1	18.7	33.1	15.2	33.0	ESE/13.2%
7	高雄海域 (X)													
8	嘉南海域(X)	1293(59%)	18.3	5.3/N	49.9/NW	79.1	20.9	.0	.0	20.8	27.4	5.3	46.5	NW /18.6%
9	中雲海域 (X)													
10	澎湖海域(X)	2151(97%)	16.8	1.0/SE	44.4/WSW	86.8	13.2	.0	.0	25.4	31.0	18.3	25.3	E /10.0%
11	金門海域(X)	1887(86%)	33.5	3.3/SE	103.4/WNW	38.0	45.8	16.2	.1	18.7	42.1	8.6	30.6	SE /12.8%
12	馬祖海域(X)	2170(98%)	16.8	4.0/ENE	85.1/NNE	81.4	16.6	2.0	.0	42.9	18.1	24.5	14.5	ENE/14.3%

表 2.15a 2018 年夏季 12 個海域主要測站 1 觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	2185(99%)	42.8	6.7/NNE	131.4/NE	28.5	34.9	35.8	.8	47.3	3.1	44.4	5.2	NE /25.4%
2	北端海域(X)	1950(88%)	25.3	6.4/ENE	87.1/E	55.3	41.0	3.6	.0	42.1	19.8	22.1	16.1	ENE/16.8%
3	宜蘭海域(X)	1595(72%)	14.0	3.8/NNW	60.5/N	87.9	11.8	.3	.0	23.3	18.1	27.3	31.3	N /15.4%
4	花蓮海域(X)	395(18%)	13.6	5.5/N	41.5/SSW	92.9	7.1	.0	.0	41.5	10.4	17.0	31.1	N /12.9%
5	臺東海域(X)	2195(99%)	26.0	13.1/N	88.7/SSW	54.2	39.5	6.3	.0	42.5	8.9	18.0	30.6	N /22.6%
6	屏東海域(Z)	2185(99%)	42.8	11.3/NNW	168.0/WNW	32.0	35.0	29.8	3.2	23.3	21.7	14.2	40.8	WNW/15.1%
7	高雄海域(X)	527(24%)	36.6	17.8/WNW	147.3/NNW	32.8	47.8	18.4	.9	3.6	16.3	20.1	60.0	NW /27.3%
8	嘉南海域(X)	1052(48%)	36.6	14.0/SW	141.1/WNW	32.5	46.7	20.3	.5	1.6	37.5	29.1	31.8	SE /18.2%
9	中雲海域(X)	1538(70%)	31.8	19.5/N	126.0/SW	44.9	39.1	15.4	.5	50.3	4.9	10.3	34.4	N /25.4%
10	澎湖海域(X)	1410(64%)	28.9	13.4/ESE	103.2/SE	45.7	47.7	6.5	.1	27.7	45.4	12.6	14.4	ESE/18.7%
11	金門海域(X)	1708(77%)	29.9	8.9/ESE	92.4/ESE	48.7	38.2	13.1	.0	26.2	37.4	15.2	21.3	ESE/12.6%
12	馬祖海域(X)	2164(98%)	23.7	5.2/N	75.4/E	60.2	35.5	4.3	.0	38.6	9.9	34.4	17.1	WSW/17.3%

表2.15b 2018年夏季12個海域主要測站1潮流 (含平均流) 流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	2208(100%)	41.2	5.3/NNE	97.4/ENE	27.1	39.5	33.4	.0	49.1	2.2	42.7	5.9	WSW/29.9%
2	北端海域(X)	2208(100%)	23.5	8.8/ENE	60.9/ENE	60.1	37.8	2.2	.0	45.6	13.2	27.2	14.0	ENE/23.5%
3	宜蘭海域(X)	2208(100%)	5.3	2.0/NW	15.3/NNE	100.0	.0	.0	.0	29.3	.2	40.8	29.6	N /24.5%
4	花蓮海域(X)	2208(100%)	5.6	3.7/SW	16.1/SW	100.0	.0	.0	.0	14.1	16.3	62.8	6.9	SW /28.1%
5	臺東海域(X)	2208(100%)	8.4	8.2/NNE	17.5/N	100.0	.0	.0	.0	93.8	.0	.0	6.2	N /47.4%
6	屏東海域(Z)	2208(100%)	24.3	4.5/N	78.7/WNW	61.6	28.9	9.4	.0	13.9	38.0	5.2	42.9	ESE/24.5%
7	高雄海域(X)	2208(100%)	14.4	8.9/SW	38.0/S	93.3	6.7	.0	.0	1.7	15.0	53.9	29.3	SSW/19.7%
8	嘉南海域(X)	2208(100%)	12.9	7.3/SE	33.7/ESE	92.9	7.1	.0	.0	1.6	61.6	17.5	19.3	SE /31.2%
9	中雲海域(X)	2208(100%)	17.4	16.1/WNW	26.5/WSW	99.5	.5	.0	.0	.0	.0	17.3	82.7	WNW/36.1%
10	澎湖海域(X)	2208(100%)	15.5	14.1/E	37.4/E	81.6	18.4	.0	.0	69.9	17.3	.0	12.8	E /53.9%
11	金門海域(X)	2208(100%)	17.2	13.2/SSE	48.8/SE	80.4	19.6	.0	.0	.5	70.3	16.8	12.3	SE /36.4%
12	馬祖海域(X)	2208(100%)	8.1	4.4/SW	20.4/WSW	100.0	.0	.0	.0	20.8	16.6	58.7	3.8	WSW/37.9%

表2.15c 2018年夏季12個海域主要測站1殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	2185(99%)	17.9	1.5/ENE	67.7/ENE	76.9	21.5	1.6	.0	41.0	9.0	39.5	10.5	ENE/19.3%
2	北端海域(X)	1950(88%)	14.7	2.5/WSW	72.3/W	89.7	9.7	.6	.0	23.9	19.6	33.2	23.3	WSW/11.4%
3	宜蘭海域(X)	1595(72%)	13.9	1.8/NNW	54.4/N	90.0	9.8	.2	.0	25.4	23.9	24.0	26.7	N /14.1%
4	花蓮海域(X)	395(18%)	15.0	8.5/N	39.6/N	89.9	10.1	.0	.0	48.1	8.4	11.1	32.4	N /15.4%
5	臺東海域(X)	2195(99%)	23.7	6.0/NW	98.0/SSW	60.5	35.3	4.2	.0	32.0	12.7	27.7	27.6	N /16.0%
6	屏東海域(Z)	2185(99%)	32.6	8.5/NW	122.4/WNW	41.8	41.6	16.5	.2	22.1	18.9	24.4	34.5	W /14.7%
7	高雄海域(X)	527(24%)	35.0	19.0/NNW	139.8/NNW	38.5	41.0	19.5	.9	8.7	20.9	10.2	60.2	NNW/28.5%
8	嘉南海域(X)	1052(48%)	38.5	14.9/WSW	129.7/WNW	27.8	48.8	23.0	.5	1.7	34.7	22.3	41.3	WNW/21.9%
9	中雲海域(X)	1538(70%)	33.9	19.8/NE	122.6/SW	37.1	47.2	15.5	.2	69.2	14.5	8.8	7.4	NE /30.2%
10	澎湖海域(X)	1410(64%)	21.2	5.3/S	102.5/SE	77.3	17.2	5.5	.0	17.0	33.5	27.9	21.7	SE /11.0%
11	金門海域(X)	1708(77%)	30.0	8.2/NNE	93.0/W	43.6	46.0	10.4	.0	33.0	20.7	10.8	35.5	WNW/11.7%
12	馬祖海域(X)	2164(98%)	22.5	8.1/NNE	79.7/E	64.7	29.7	5.6	.0	45.3	7.8	29.6	17.3	NE /15.9%

表 2.16a 2018年秋季12個海域主要測站1觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	2096(96%)	50.1	4.2/NNE	142.9/NE	21.2	30.2	47.2	1.3	44.3	2.9	48.5	4.3	WSW/24.7%
2	北端海域(X)	174(8%)	18.9	8.2/ESE	52.2/ENE	78.2	21.3	.6	.0	28.2	37.9	23.6	10.3	ENE/14.4%
3	宜蘭海域(X)	699(32%)	15.5	2.1/NNW	63.9/N	84.8	14.7	.4	.0	31.9	18.0	29.5	20.6	N /14.4%
4	花蓮海域(X)	2169(99%)	19.3	5.5/S	311.7/SSE	82.7	14.9	1.0	1.4	24.8	25.5	37.9	11.8	SW /14.0%
5	臺東海域(X)	1755(80%)	15.9	5.2/NNE	233.8/NNE	87.2	12.0	.6	.2	46.9	18.1	19.2	15.8	NNE/20.3%
6	屏東海域(Z)	2179(100%)	42.9	3.8/N	170.0/NW	34.1	32.7	29.2	4.0	17.4	32.8	10.4	39.5	WNW/16.1%
7	高雄海域(X)	1471(67%)	28.2	12.9/S	87.8/NE	48.1	44.5	7.5	.0	6.4	36.4	34.9	22.3	S /18.0%
8	嘉南海域(X)	2072(95%)	26.8	16.0/SE	100.6/SW	55.2	33.1	11.7	.0	6.0	63.2	9.0	21.8	ESE/33.9%
9	中雲海域(X)	2114(97%)	35.5	20.3/W	105.9/ENE	36.8	41.5	21.7	.0	17.2	5.3	55.8	21.8	WSW/36.3%
10	澎湖海域(X)	1862(85%)	25.2	14.3/ENE	129.5/ENE	56.3	40.4	3.2	.1	44.7	30.1	3.8	21.4	E /28.4%
11	金門海域(X)	434(20%)	36.2	11.6/S	98.0/W	34.8	40.8	24.4	.0	19.4	36.6	21.2	22.8	SSE/13.4%
12	馬祖海域(X)	2151(99%)	19.7	13.2/WSW	65.6/WSW	71.0	27.3	1.7	.0	10.6	13.2	69.2	7.1	WSW/31.7%

表2.16b 2018年秋季12個海域主要測站1潮流 (含平均流) 流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	2184(100%)	41.5	5.3/NNE	93.3/ENE	27.7	38.1	34.2	.0	49.3	2.1	42.3	6.3	WSW/29.7%
2	北端海域(X)	2184(100%)	23.9	8.8/ENE	58.6/ENE	58.3	39.5	2.2	.0	45.5	13.0	27.4	14.2	ENE/23.6%
3	宜蘭海域(X)	2184(100%)	5.6	2.0/NW	15.9/N	100.0	.0	.0	.0	30.2	.6	40.4	28.8	N /28.6%
4	花蓮海域(X)	2184(100%)	5.4	3.7/SW	16.0/SW	100.0	.0	.0	.0	11.6	19.1	64.5	4.8	SW /30.9%
5	臺東海域(X)	2184(100%)	8.5	8.2/NNE	17.3/N	100.0	.0	.0	.0	82.1	.0	.0	17.9	N /49.1%
6	屏東海域(Z)	2184(100%)	23.8	4.5/N	69.8/WNW	57.8	37.6	4.5	.0	14.6	37.8	1.3	46.3	WNW/30.3%
7	高雄海域(X)	2184(100%)	15.4	8.9/SW	39.5/S	90.5	9.5	.0	.0	2.2	27.7	40.4	29.7	WNW/14.7%
8	嘉南海域(X)	2184(100%)	13.1	7.3/SE	34.7/ESE	92.2	7.8	.0	.0	4.0	59.4	18.8	17.8	SE /29.9%
9	中雲海域(X)	2184(100%)	17.1	16.2/WNW	26.6/W	98.5	1.5	.0	.0	.0	.0	17.9	82.1	WNW/38.8%
10	澎湖海域(X)	2184(100%)	15.6	14.0/E	37.1/E	81.3	18.7	.0	.0	70.7	16.1	.0	13.3	E /55.1%
11	金門海域(X)	2184(100%)	17.2	13.2/SSE	49.8/SE	79.3	20.7	.0	.0	.9	69.1	17.7	12.3	SE /32.6%
12	馬祖海域(X)	2184(100%)	8.1	4.3/SW	20.2/WSW	100.0	.0	.0	.0	22.2	16.1	59.2	2.4	WSW/39.8%

2-47

表 2.16c 2018 年秋季 12 個海域主要測站 1 殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	2096(96%)	16.0	1.0/SSW	106.5/SSW	83.8	14.9	1.2	.0	35.7	14.3	41.0	9.0	SW /14.1%
2	北端海域(X)	174(8%)	13.0	7.0/S	51.1/SSE	90.8	9.2	.0	.0	10.9	32.2	41.4	15.5	S /12.6%
3	宜蘭海域(X)	699(32%)	15.7	.5/ENE	61.3/N	84.8	14.9	.3	.0	32.6	23.5	28.8	15.2	N /12.9%
4	花蓮海域(X)	2169(99%)	19.2	3.0/SSE	311.9/SSE	83.1	14.7	.8	1.4	31.2	23.9	30.6	14.3	SW /11.0%
5	臺東海域(X)	1755(80%)	15.5	3.6/SSE	226.9/NNE	86.2	13.1	.5	.2	29.5	27.1	31.9	11.6	S /14.2%
6	屏東海域(Z)	2179(100%)	34.1	.8/SSW	150.9/SE	44.1	37.4	16.8	1.7	16.9	33.2	19.3	30.7	WNW/12.6%
7	高雄海域(X)	1471(67%)	24.5	7.1/SSE	91.3/NNE	59.8	35.5	4.7	.0	18.7	44.1	16.2	21.0	SSE/18.9%
8	嘉南海域(X)	2072(95%)	26.3	9.3/ESE	105.0/WSW	55.6	36.2	8.1	.0	11.5	49.9	6.6	32.0	ESE/27.9%
9	中雲海域(X)	2114(97%)	31.9	8.7/SW	120.6/ENE	42.2	42.2	15.5	.1	25.0	18.2	50.5	6.3	SW /20.7%
10	澎湖海域(X)	1862(85%)	16.7	1.5/N	127.3/ENE	83.6	16.3	.1	.1	24.6	29.3	12.5	33.6	WNW/12.5%
11	金門海域(X)	434(20%)	35.4	5.8/W	95.0/W	31.6	52.3	16.1	.0	18.9	22.1	24.9	34.1	WNW/12.9%
12	馬祖海域(X)	2151(99%)	16.2	8.9/WSW	69.5/ENE	82.9	16.4	.7	.0	14.2	10.4	64.7	10.7	WSW/24.4%

表 2.17a 2018 年整年 12 個海域主要測站 1 觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	7894(90%)	48.0	5.3/NNE	142.9/NE	22.4	31.9	44.4	1.2	45.4	3.3	45.8	5.5	WSW/26.0%
2	北端海域(X)	6462(74%)	29.1	8.8/ENE	108.2/ENE	46.6	44.6	8.8	.0	43.7	19.0	21.4	15.9	ENE/20.3%
3	宜蘭海域(X)	5633(64%)	14.7	2.0/NW	76.6/N	86.9	12.7	.4	.0	28.4	17.4	32.2	22.1	N /14.7%
4	花蓮海域(X)	5356(61%)	16.3	3.7/SW	311.7/SSE	85.6	13.1	.8	.6	26.6	18.3	39.5	15.7	SW /13.3%
5	臺東海域(X)	6736(77%)	19.9	8.2/NNE	233.8/NNE	72.8	23.9	3.3	.1	44.8	18.6	15.2	21.4	NNE/18.8%
6	屏東海域(Z)	8589(98%)	40.4	4.5/N	170.0/NW	35.5	35.2	26.3	3.0	18.6	32.3	9.8	39.4	WNW/15.5%
7	高雄海域(X)	1998(23%)	30.4	8.9/SW	147.3/NNW	44.0	45.3	10.4	.3	5.7	31.1	31.0	32.2	S /16.9%
8	嘉南海域(X)	6495(74%)	24.1	7.3/SE	141.1/WNW	62.4	30.5	7.0	.1	9.3	47.4	13.7	29.6	ESE/18.7%
9	中雲海域(X)	4309(49%)	35.0	16.1/WNW	126.0/SW	38.8	40.4	20.5	.4	27.7	4.4	40.6	27.3	WSW/24.6%
10	澎湖海域(X)	7583(87%)	26.0	14.1/E	129.5/ENE	52.7	44.0	3.3	.0	40.9	33.1	5.7	20.2	E /26.7%
11	金門海域(X)	5114(58%)	36.0	13.2/SSE	99.1/SE	35.7	41.0	23.3	.0	14.7	49.7	12.6	23.0	SSE/16.8%
12	馬祖海域(X)	8639(99%)	19.2	4.3/SW	78.1/NNE	73.4	24.5	2.1	.0	24.7	17.5	46.1	11.7	WSW/17.1%

表2.17b 2018年整年12個海域主要測站1潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	8760(100%)	41.7	5.3/NNE	97.4/ENE	27.4	38.0	34.6	.0	49.0	2.3	42.6	6.1	WSW/29.8%
2	北端海域(X)	8760(100%)	23.9	8.8/ENE	60.9/ENE	58.7	39.1	2.3	.0	45.6	12.8	27.6	14.0	ENE/23.4%
3	宜蘭海域(X)	8760(100%)	5.5	2.0/NW	15.9/N	100.0	.0	.0	.0	30.0	.4	40.6	29.0	N /26.1%
4	花蓮海域(X)	8760(100%)	5.5	3.7/SW	16.4/SW	100.0	.0	.0	.0	13.2	17.2	63.7	5.8	SW /29.8%
5	臺東海域(X)	8760(100%)	8.5	8.2/NNE	17.5/N	100.0	.0	.0	.0	87.9	.0	.0	12.1	N /48.1%
6	屏東海域(Z)	8760(100%)	24.2	4.5/N	79.5/WNW	59.4	33.7	7.0	.0	14.3	37.8	3.1	44.9	WNW/27.5%
7	高雄海域(X)	8760(100%)	14.9	8.9/SW	40.9/SSE	92.1	7.9	.0	.0	1.8	21.4	47.4	29.4	S /14.9%
8	嘉南海域(X)	8760(100%)	12.9	7.3/SE	34.9/ESE	92.6	7.4	.0	.0	2.9	60.6	18.0	18.5	SE /30.7%
9	中雲海域(X)	8760(100%)	17.3	16.1/WNW	26.8/WSW	99.1	.9	.0	.0	.0	.0	17.4	82.6	WNW/37.6%
10	澎湖海域(X)	8760(100%)	15.6	14.1/E	37.6/E	80.8	19.2	.0	.0	69.9	16.8	.0	13.3	E /54.5%
11	金門海域(X)	8760(100%)	17.2	13.2/SSE	49.8/SE	79.6	20.4	.0	.0	.7	69.6	17.3	12.4	SE /34.7%
12	馬祖海域(X)	8760(100%)	8.1	4.3/SW	20.7/WSW	100.0	.0	.0	.0	21.7	16.4	58.9	2.9	WSW/39.0%

2-50

表 2.17c 2018 年整年 12 個海域主要測站 1 殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(X)	7894(90%)	17.2	.0/NE	125.2/SW	79.7	18.7	1.6	.0	36.8	12.1	39.8	11.3	WSW/16.3%
2	北端海域(X)	6462(74%)	15.7	.0/WSW	72.3/W	86.1	13.5	.4	.0	27.2	21.9	27.3	23.6	WSW/ 8.9%
3	宜蘭海域(X)	5633(64%)	14.3	.0/SW	69.1/N	88.8	10.9	.2	.0	28.3	23.9	29.3	18.5	N /12.1%
4	花蓮海域(X)	5356(61%)	16.0	.0/SSE	311.9/SSE	86.9	12.0	.5	.6	34.7	17.2	29.7	18.4	NE /11.3%
5	臺東海域(X)	6736(77%)	18.7	.0/NNE	226.9/NNE	75.7	22.1	2.2	.1	29.8	25.3	27.4	17.6	S /14.2%
6	屏東海域(Z)	8588(98%)	31.4	.3/WNW	150.9/SE	48.2	36.6	13.9	1.3	17.3	31.5	18.9	32.3	WNW/11.4%
7	高雄海域(X)	1998(23%)	27.3	.3/ESE	139.8/NNW	54.2	36.9	8.6	.3	16.1	37.9	14.7	31.3	SSE/16.7%
8	嘉南海域(X)	6495(74%)	23.7	.1/WNW	129.7/WNW	64.6	29.0	6.3	.1	12.3	38.1	8.5	41.1	WNW/17.1%
9	中雲海域(X)	4309(49%)	32.8	.0/SSW	122.6/SW	40.1	43.8	16.0	.2	40.5	15.2	37.4	6.9	NE /15.3%
10	澎湖海域(X)	7583(87%)	17.5	.0/WNW	127.3/ENE	83.2	15.7	1.1	.0	23.6	30.9	15.1	30.4	WNW/11.6%
11	金門海域(X)	5114(58%)	33.2	.0/ENE	115.7/WNW	38.7	45.3	16.0	.1	20.9	34.3	11.2	33.7	WNW/13.5%
12	馬祖海域(X)	8639(99%)	17.0	.0/ENE	85.1/NNE	80.3	17.5	2.2	.0	32.0	17.6	38.2	12.3	WSW/11.9%

第三章 2018 年 12 海域海流主要觀測站 1 每月歷線比較圖

(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 Harbors Current Speed at 2017/12

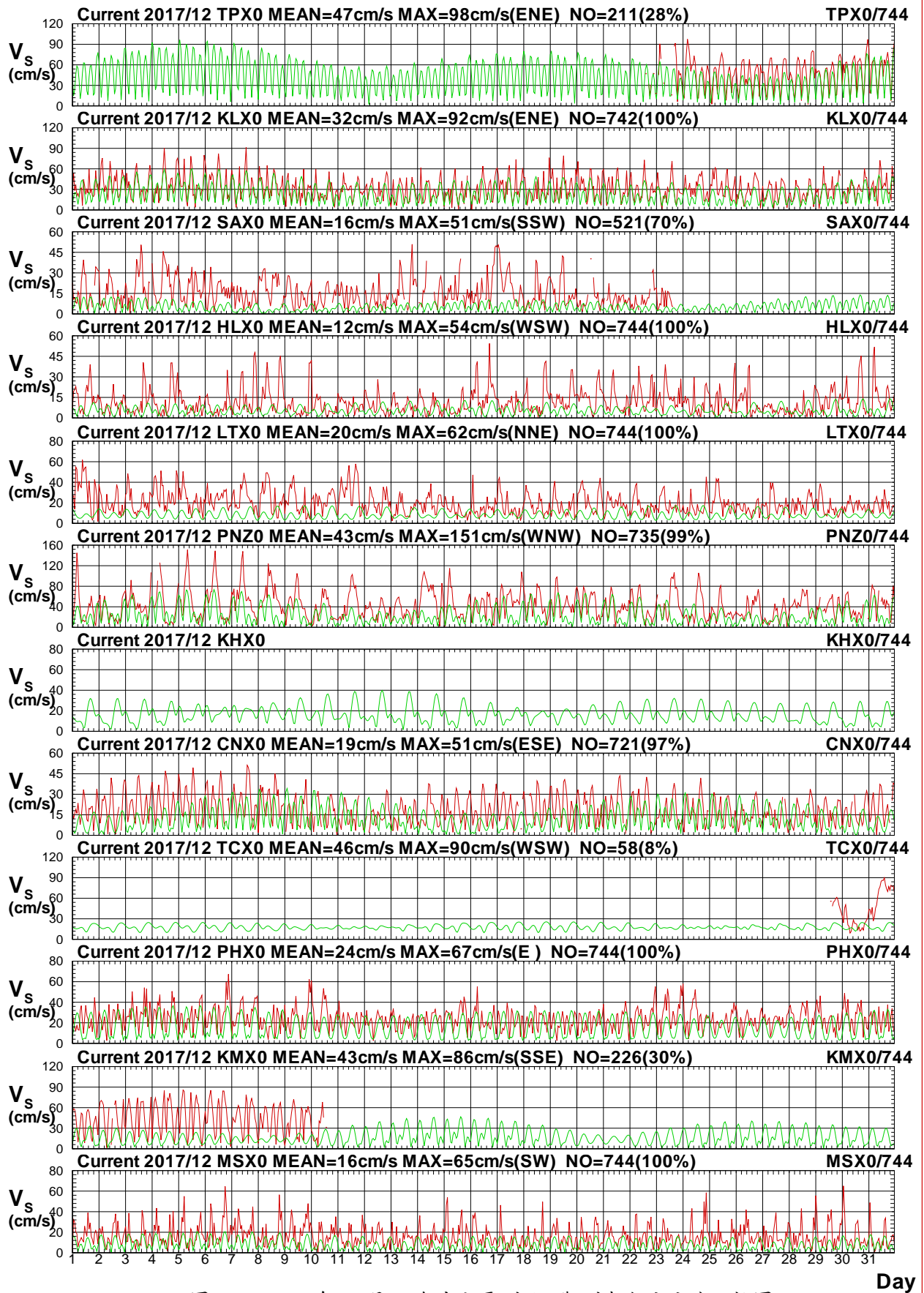


圖3.1a 2017年12月12海域主要測站1觀測與潮流流速比較圖

C17CTPX0.1H0 C17CTPX0.1HD C17CKLX0.1H0 C17CKLX0.1HD C17CSAX0.1H0 C17CSAX0.1HD
 C17CHLX0.1H0 C17CHLX0.1HD C17CLTX0.1H0 C17CLTX0.1HD C17CPNZ0.1H0 C17CPNZ0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2017/12

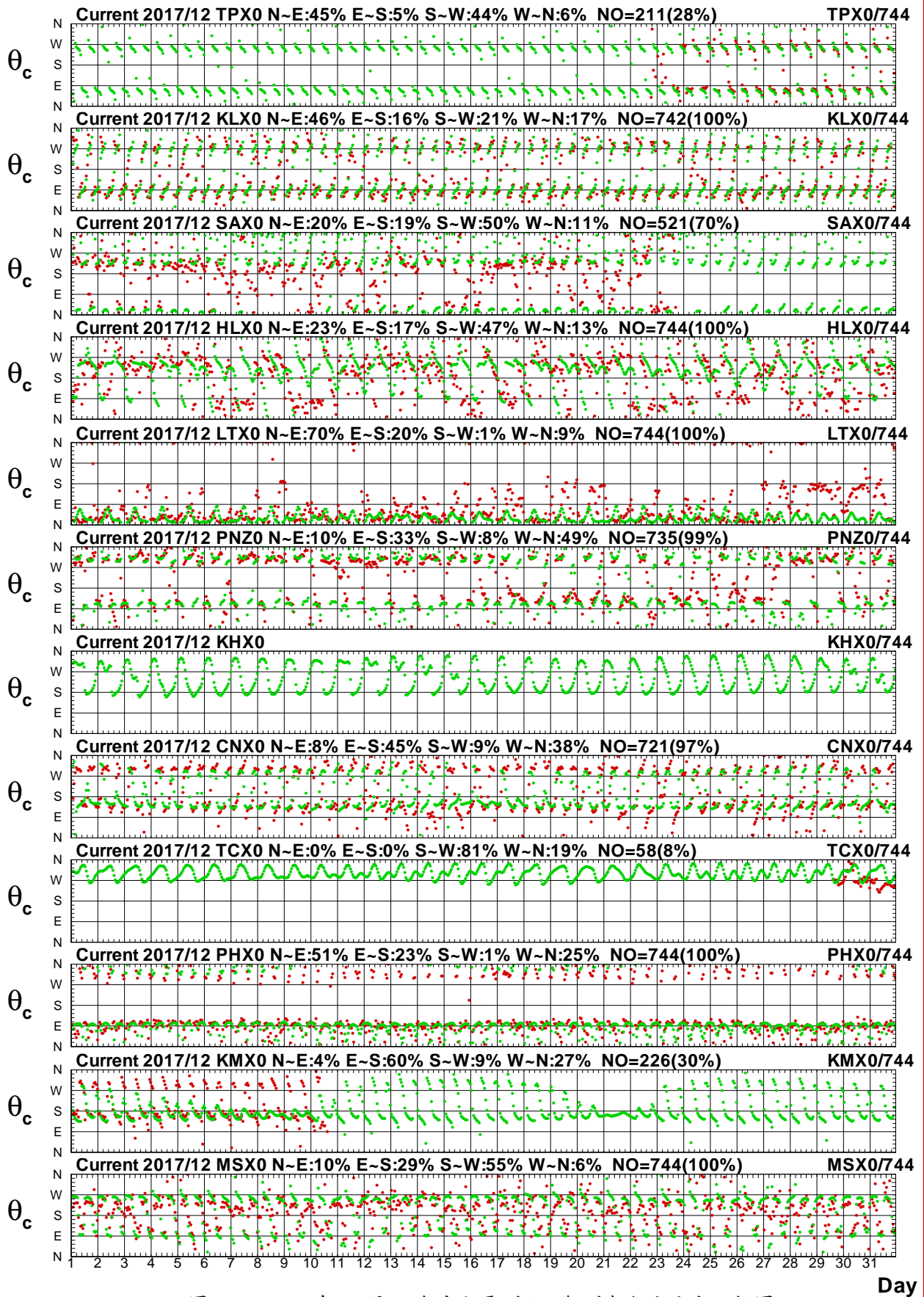


圖3.1b 2017年12月12海域主要測站1觀測與潮流流向比較圖

C17CTPX0.1HD C17CTPX0.1HD C17CKLX0.1HD C17CKLX0.1HD C17CSAX0.1HD C17CSAX0.1HD
 C17CHLX0.1HD C17CHLX0.1HD C17CLTX0.1HD C17CLTX0.1HD C17CPNZ0.1HD C17CPNZ0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2017/12

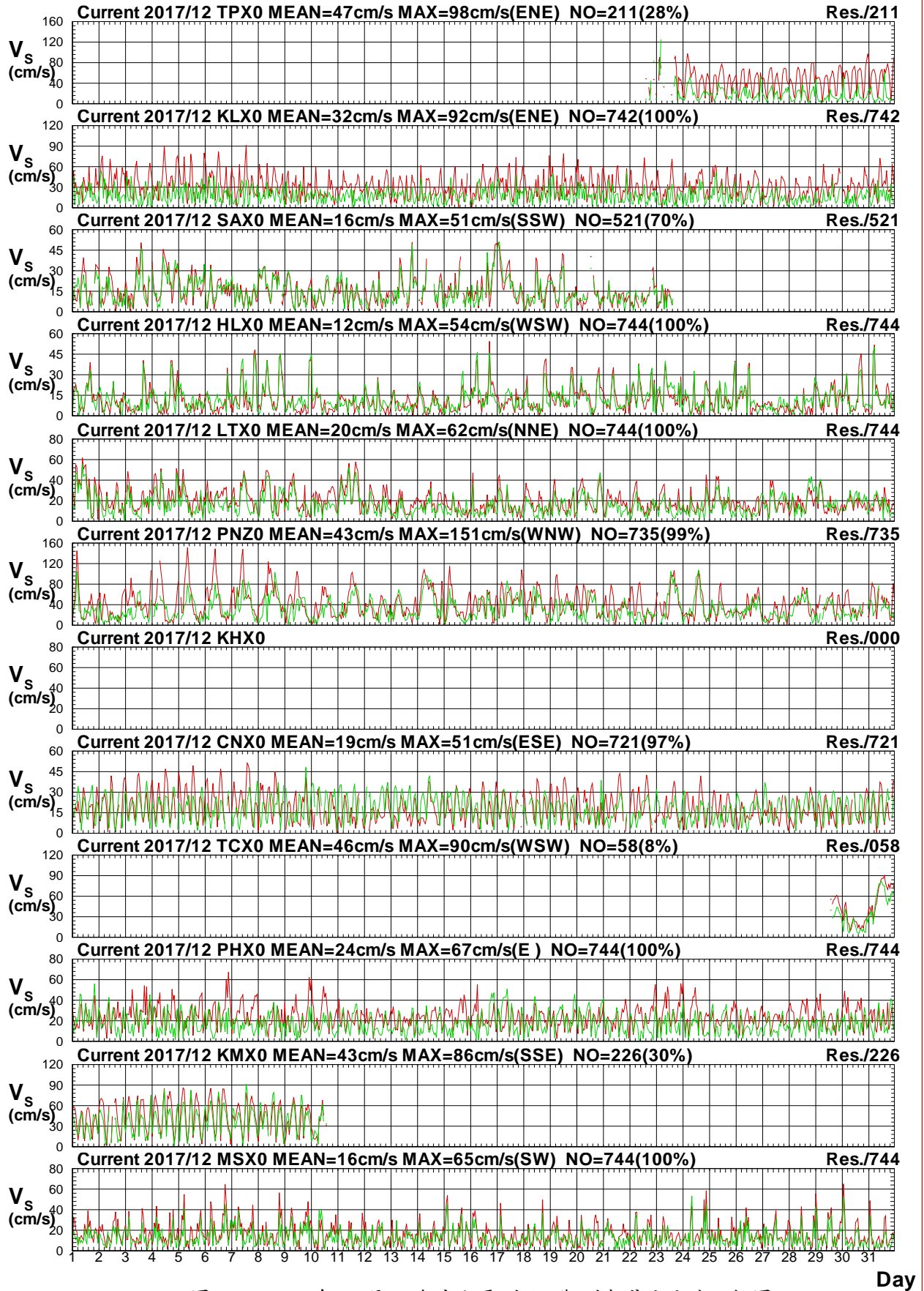


圖3.1c 2017年12月12海域主要測站1觀測與殘流流速比較圖

C17CTPX0.1H0 C17CTPX0.1HR C17CKLX0.1H0 C17CKLX0.1HR C17CSAX0.1H0 C17CSAX0.1HR
 C17CHLX0.1H0 C17CHLX0.1HR C17CLTX0.1H0 C17CLTX0.1HR C17CPNZ0.1H0 C17CPNZ0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2017/12

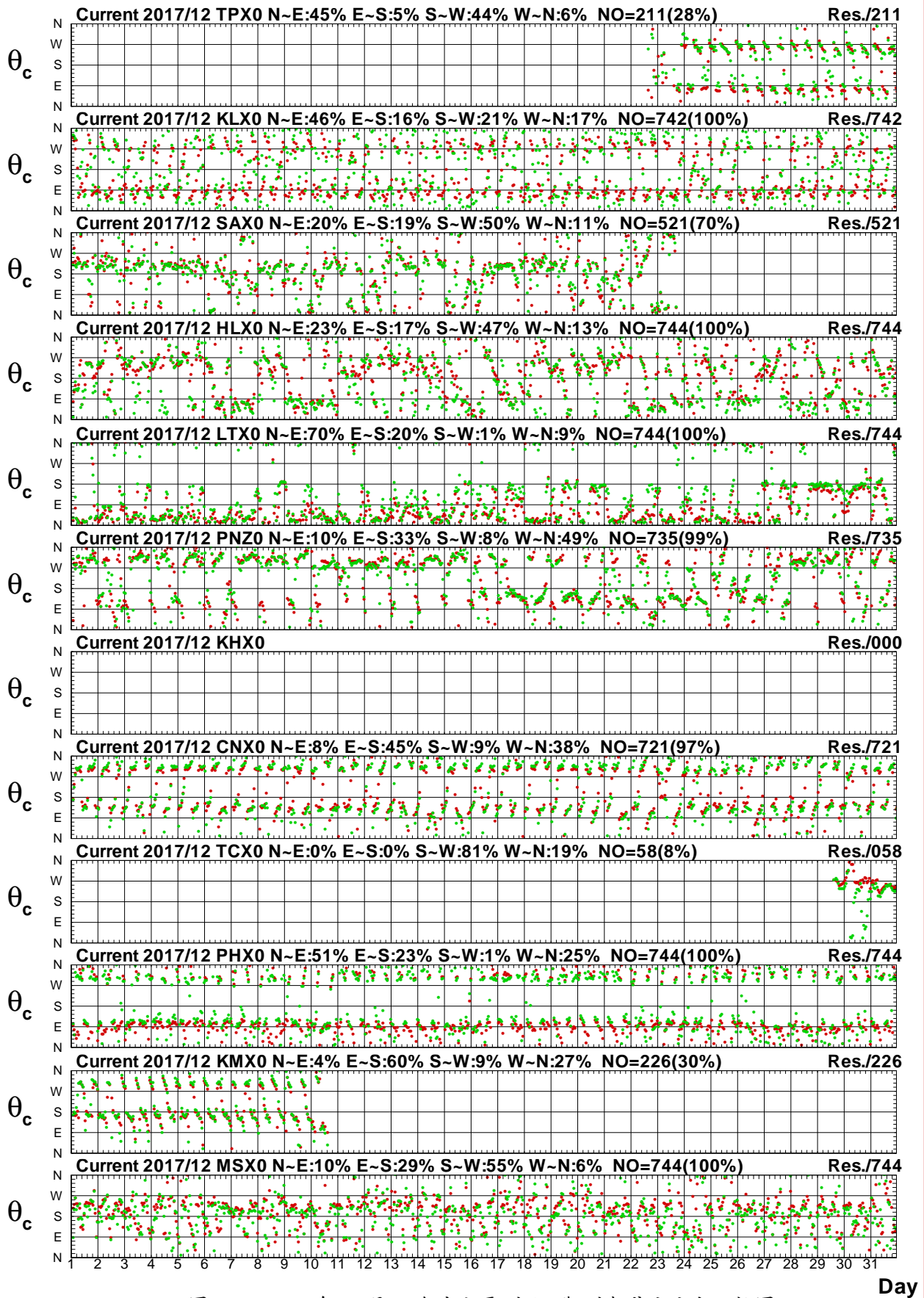


圖3.1d 2017年12月12海域主要測站1觀測與殘流流向比較圖

C17CTPX0.1H0 C17CTPX0.1HR C17CKLX0.1H0 C17CKLX0.1HR C17CSAX0.1H0 C17CSAX0.1HR
 C17CHLX0.1H0 C17CHLX0.1HR C17CLTX0.1H0 C17CLTX0.1HR C17CPNZ0.1H0 C17CPNZ0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/01

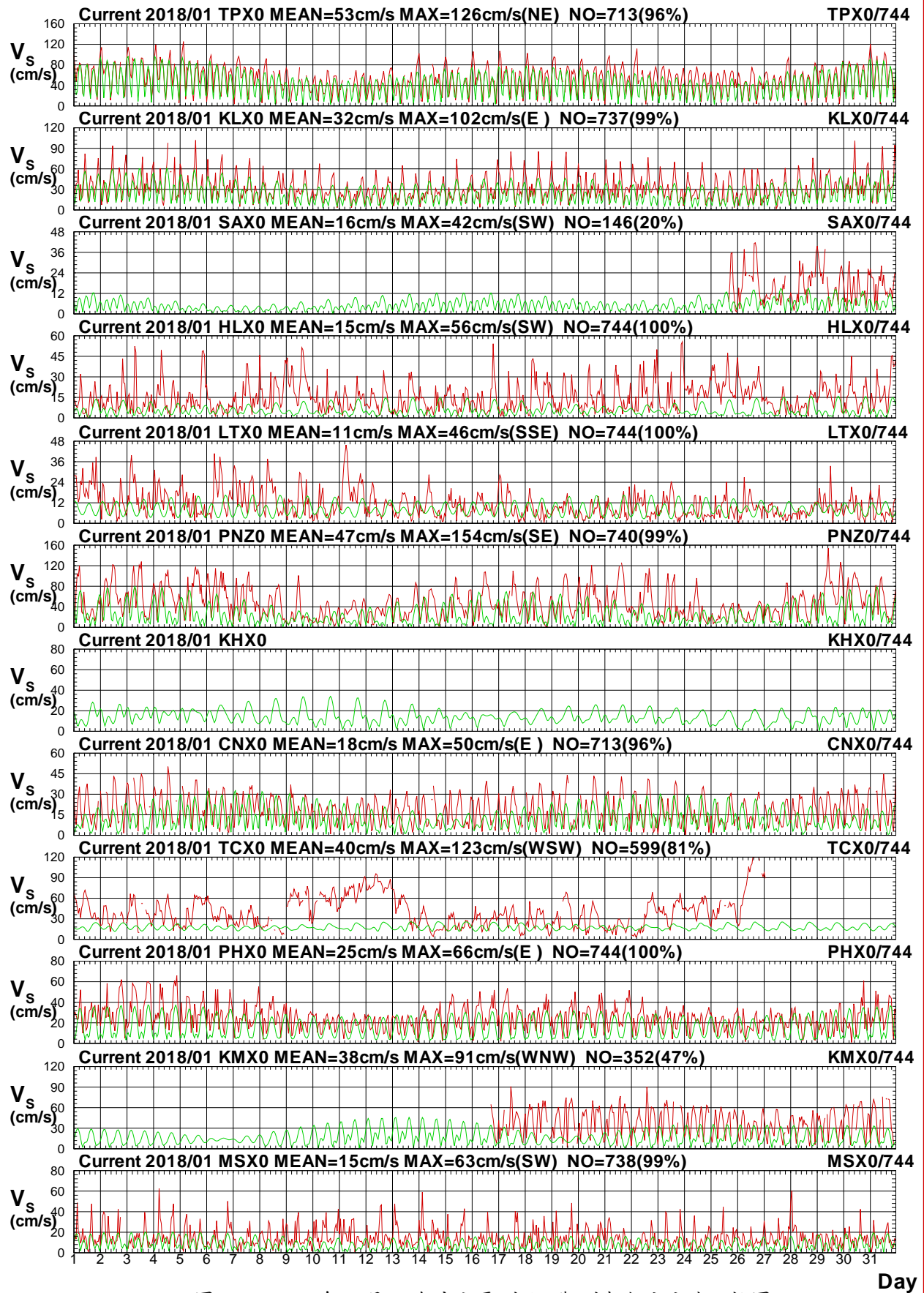


圖3.2a 2018年1月12海域主要測站1觀測與潮流流速比較圖

C181TPX0.1HD C181TPX0.1HD C181KLX0.1HD C181KLX0.1HD C181SAX0.1HD C181SAX0.1HD
 C181HLX0.1HD C181HLX0.1HD C181LTX0.1HD C181LTX0.1HD C181PNZ0.1HD C181PNZ0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/01

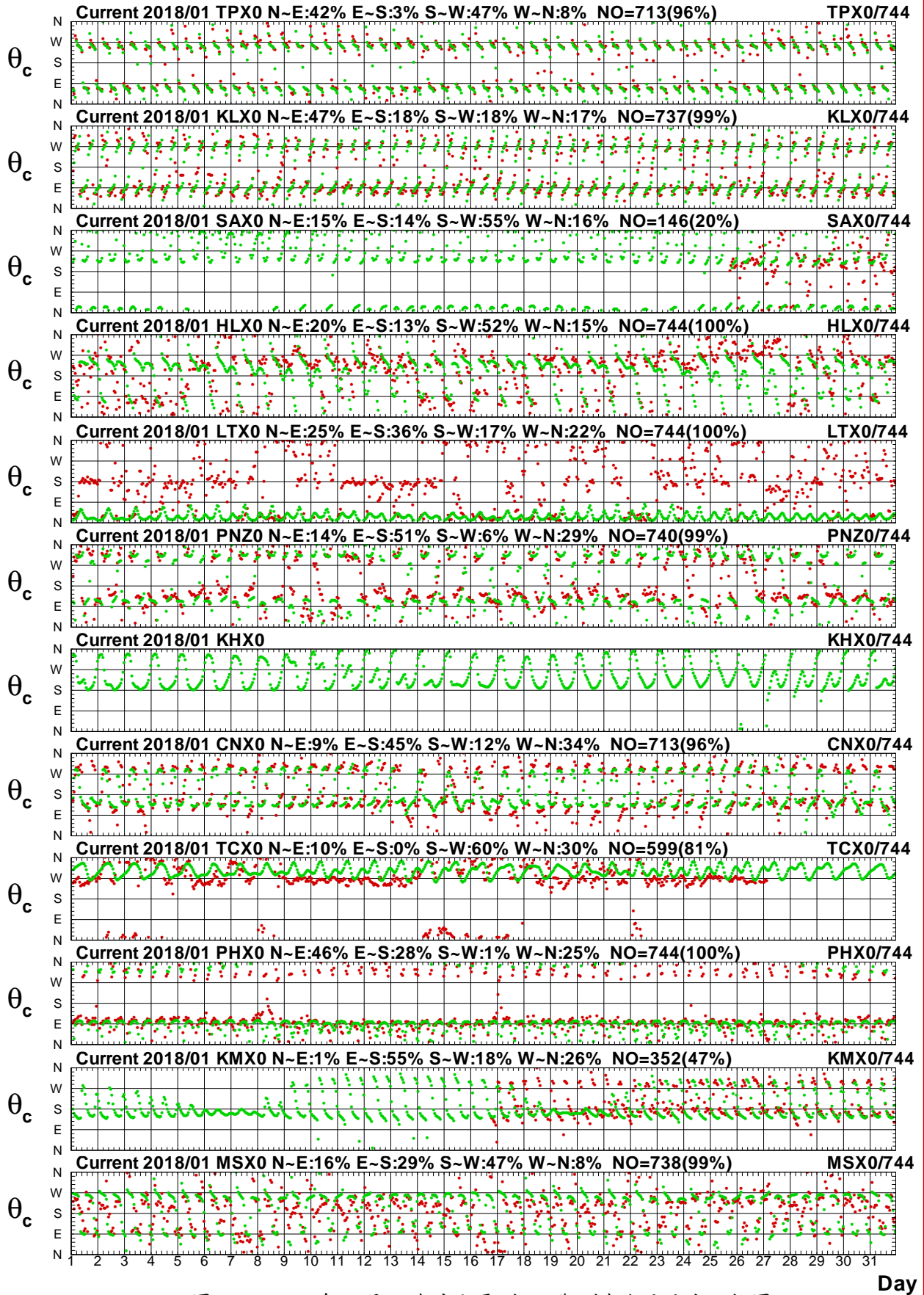


圖3.2b 2018年1月12海域主要測站1觀測與潮流流向比較圖

C181TPX0.1HD C181TPX0.1HD C181KLX0.1HD C181KLX0.1HD C181SAX0.1HD C181SAX0.1HD
 C181HLX0.1HD C181HLX0.1HD C181LTX0.1HD C181LTX0.1HD C181PNZ0.1HD C181PNZ0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/01

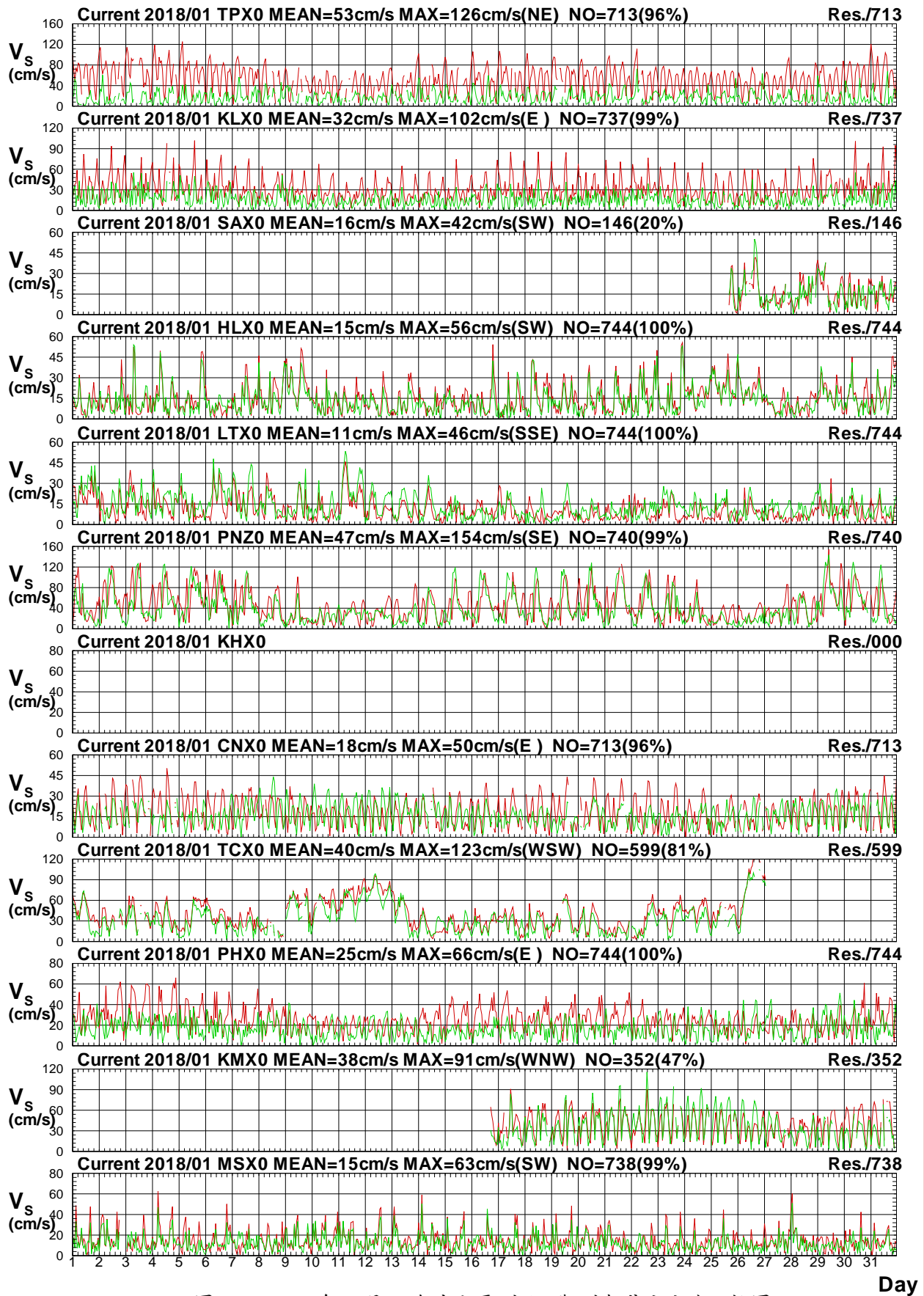


圖3.2c 2018年1月12海域主要測站1觀測與殘流流速比較圖

C181TPX0.1H0 C181TPX0.1HR C181KLX0.1H0 C181KLX0.1HR C181SAX0.1H0 C181SAX0.1HR
 C181HLX0.1H0 C181HLX0.1HR C181LTX0.1H0 C181LTX0.1HR C181PNZ0.1H0 C181PNZ0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/01

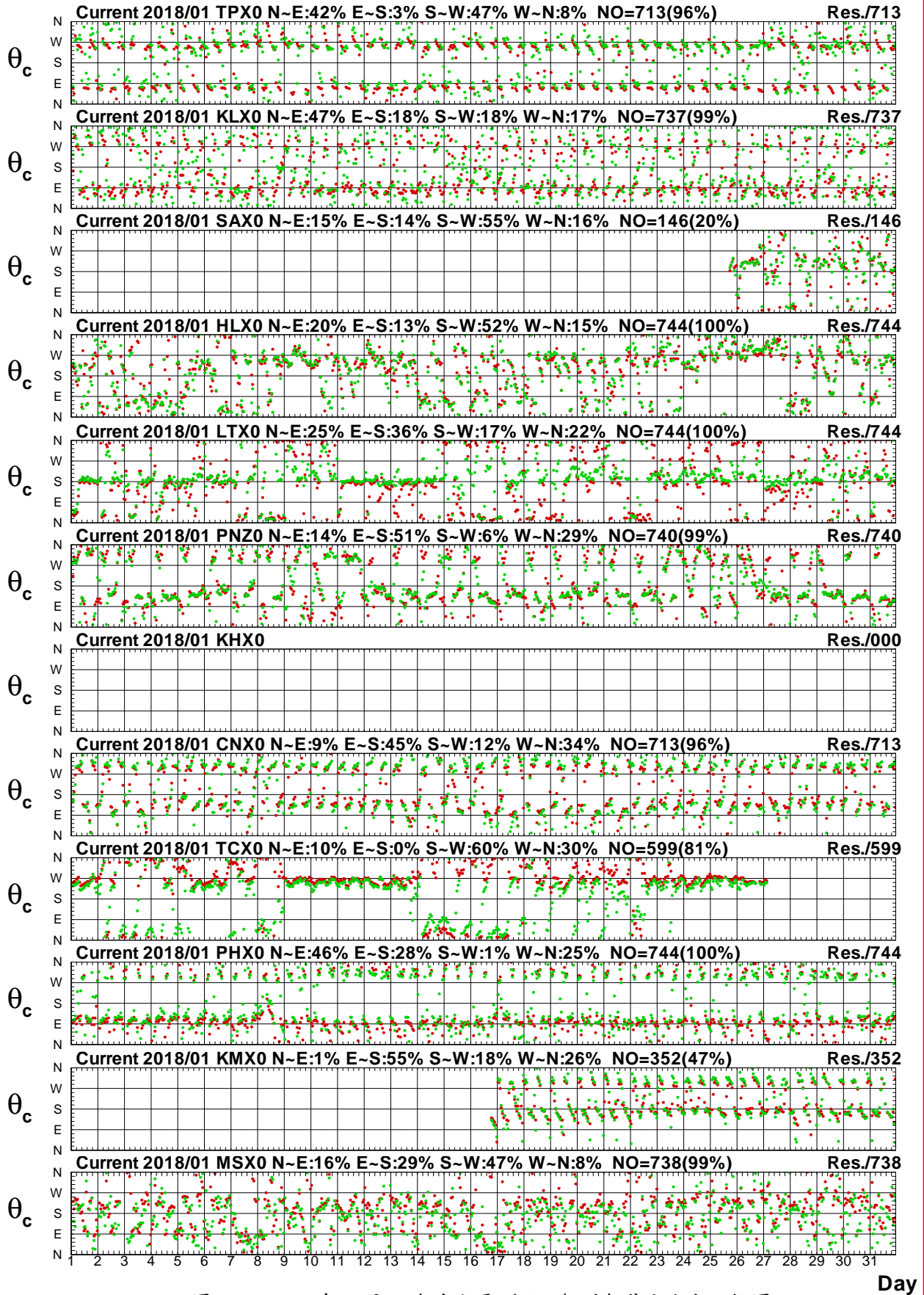


圖3.2d 2018年1月12海域主要測站1觀測與殘流流向比較圖

C181TPX0.1H0 C181TPX0.1HR C181KLX0.1H0 C181KLX0.1HR C181SAX0.1H0 C181SAX0.1HR
 C181HLX0.1H0 C181HLX0.1HR C181LTX0.1H0 C181LTX0.1HR C181PNZ0.1H0 C181PNZ0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/02

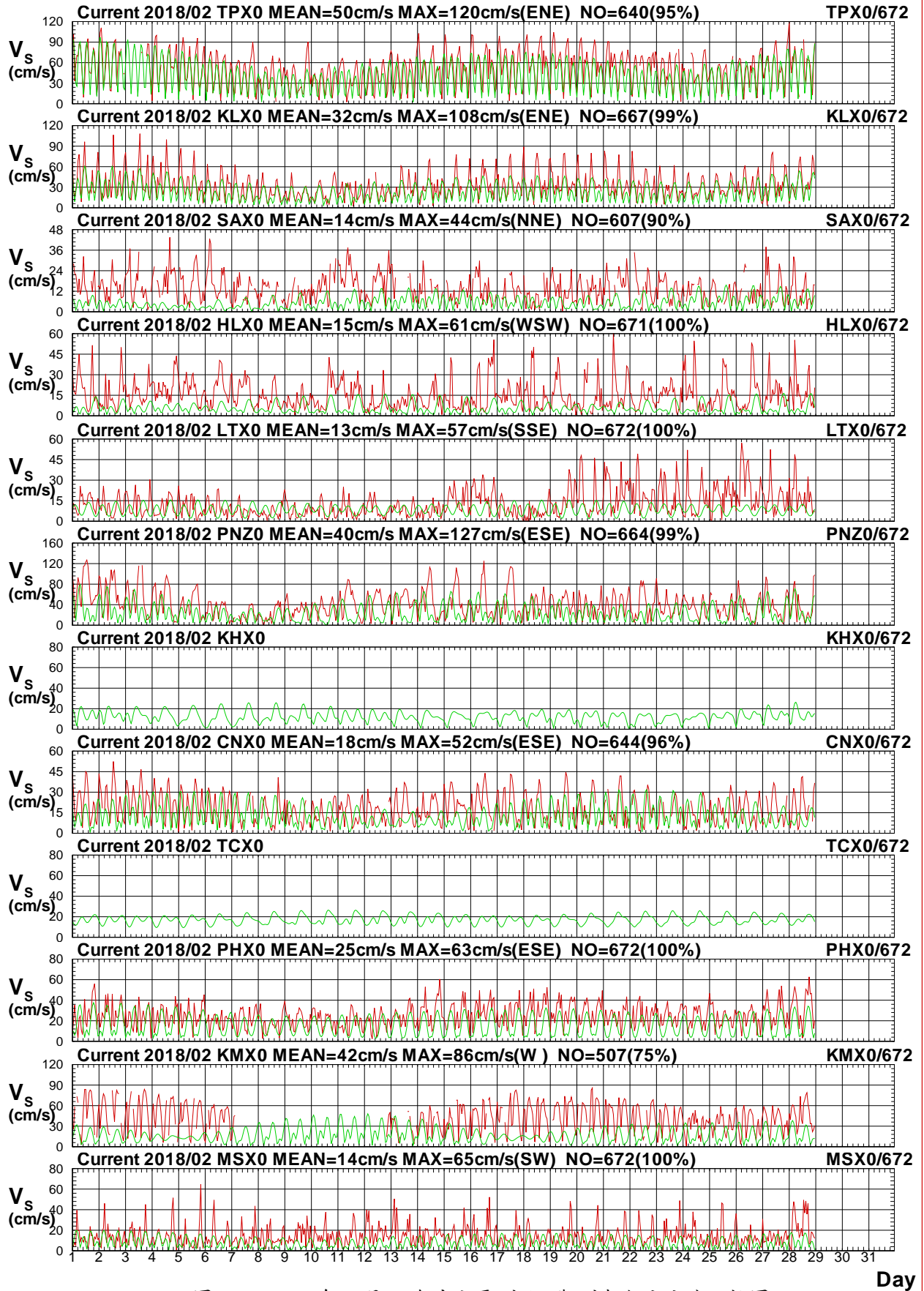


圖3.3a 2018年2月12海域主要測站1觀測與潮流流速比較圖

C182TPX0.1HD C182TPX0.1HD C182KLX0.1HD C182KLX0.1HD C182SAX0.1HD C182SAX0.1HD
 C182HLX0.1HD C182HLX0.1HD C182LTX0.1HD C182LTX0.1HD C182PNZ0.1HD C182PNZ0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/02

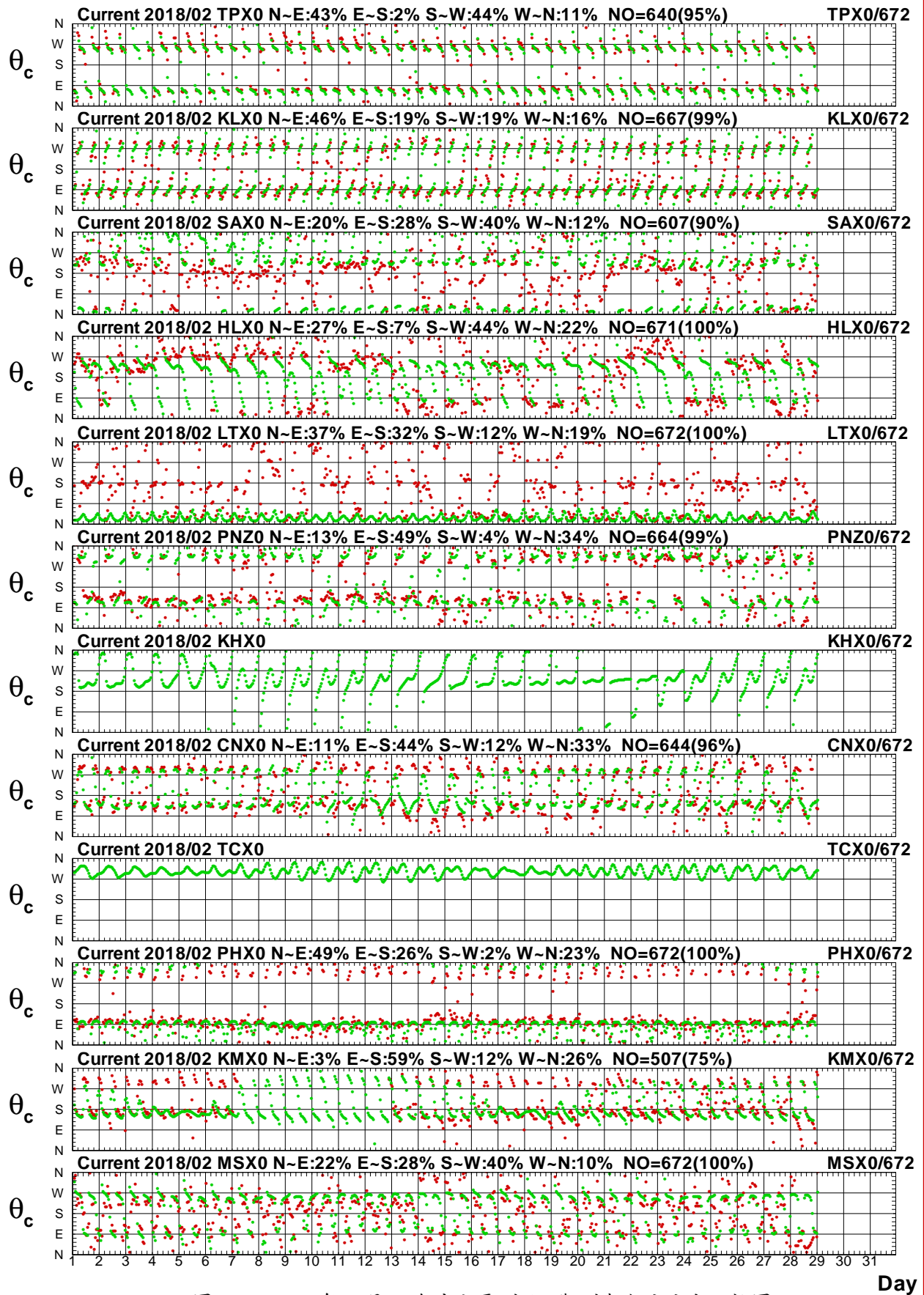


圖3.3b 2018年2月12海域主要測站1觀測與潮流流向比較圖

C182TPX0.1HD C182TPX0.1HD C182KLX0.1HD C182KLX0.1HD C182SAX0.1HD C182SAX0.1HD
 C182HLX0.1HD C182HLX0.1HD C182LTX0.1HD C182LTX0.1HD C182PNZ0.1HD C182PNZ0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/02

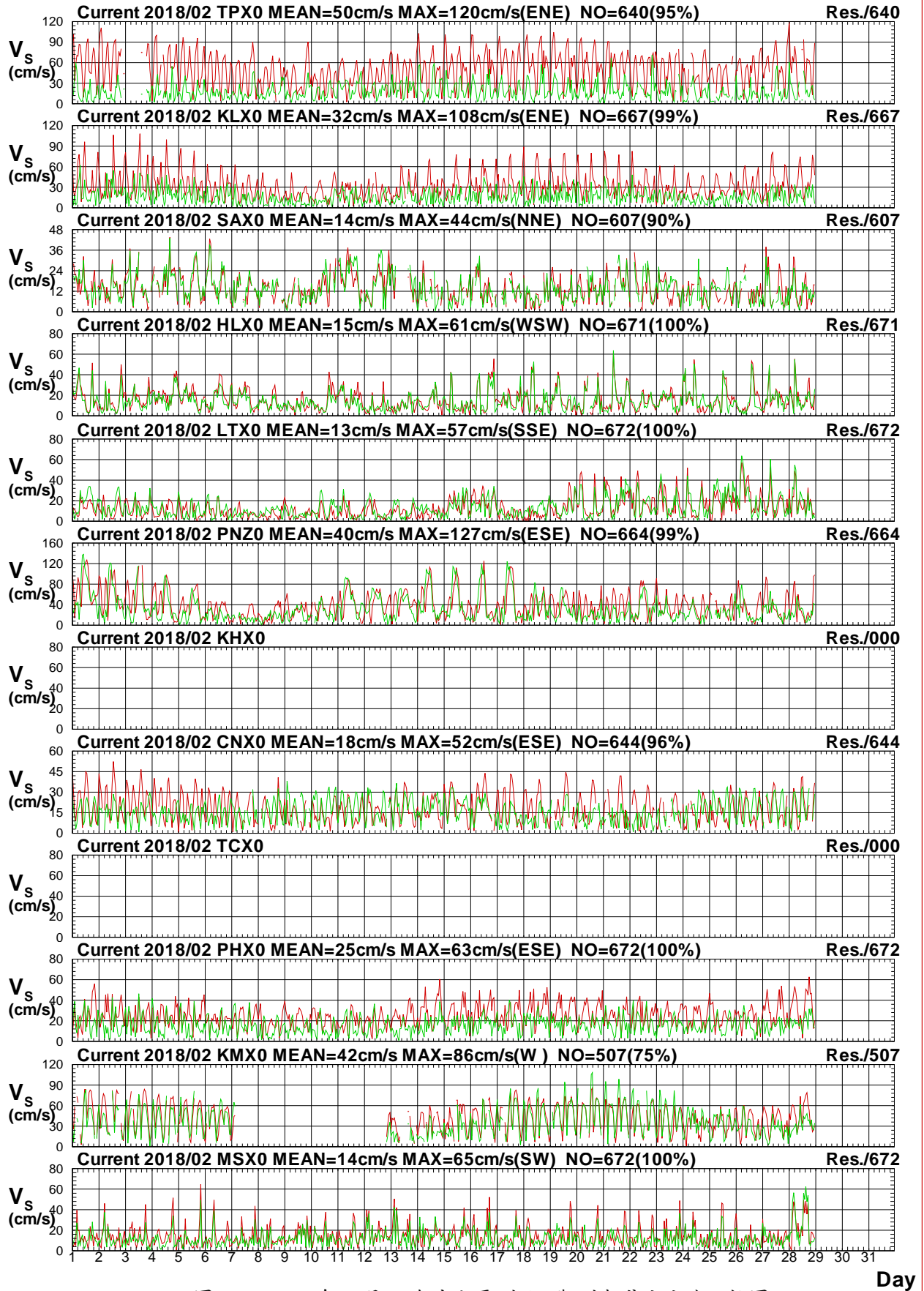


圖3.3c 2018年2月12海域主要測站1觀測與殘流流速比較圖

C182TPX0.1H0 C182TPX0.1HR C182KLX0.1H0 C182KLX0.1HR C182SAX0.1H0 C182SAX0.1HR
 C182HLX0.1H0 C182HLX0.1HR C182LTX0.1H0 C182LTX0.1HR C182PNZ0.1H0 C182PNZ0.1HR
 Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/02

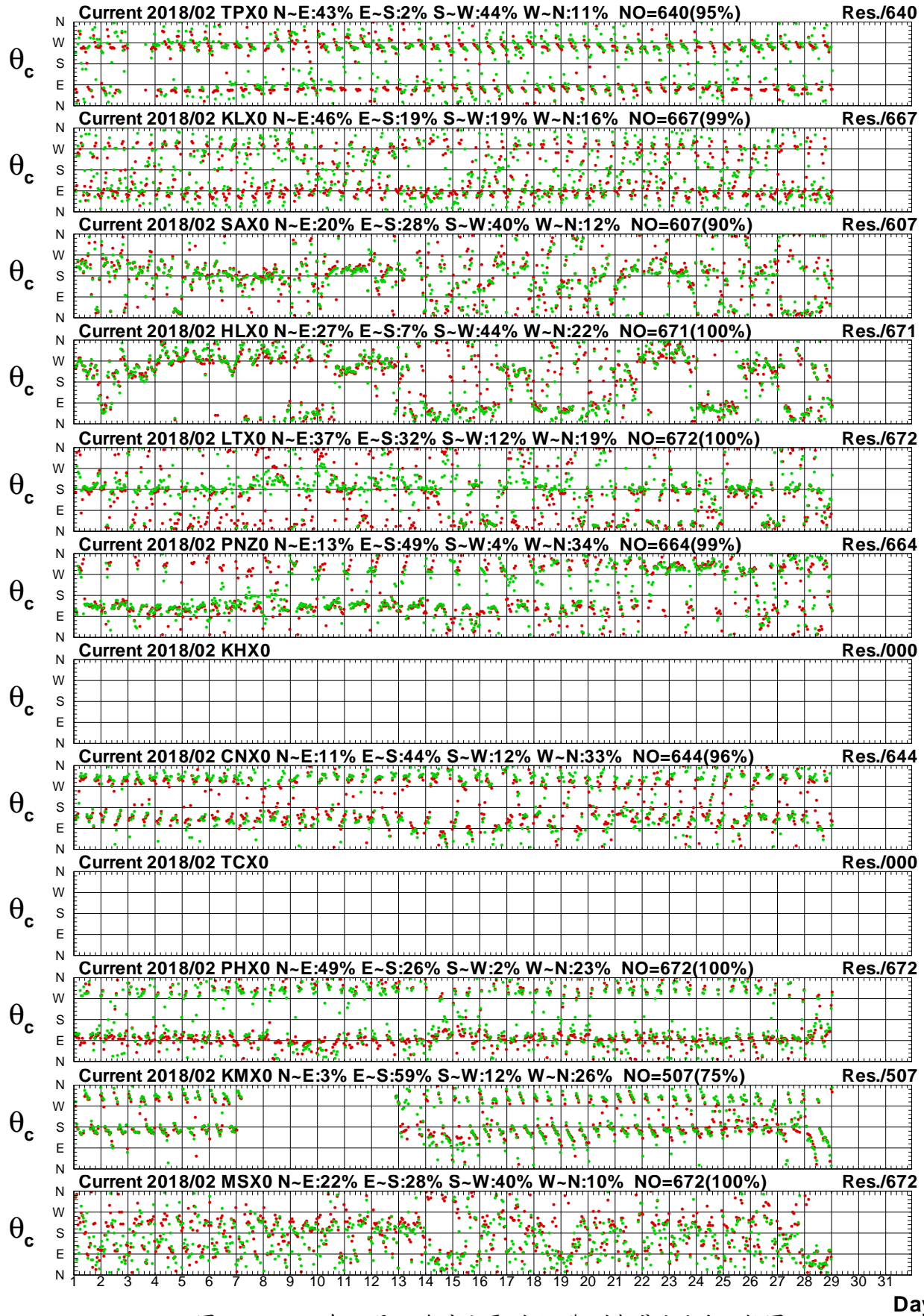


圖3.3d 2018年2月12海域主要測站1觀測與殘流流向比較圖

Twelve Harbors Current Speed at 2018/03

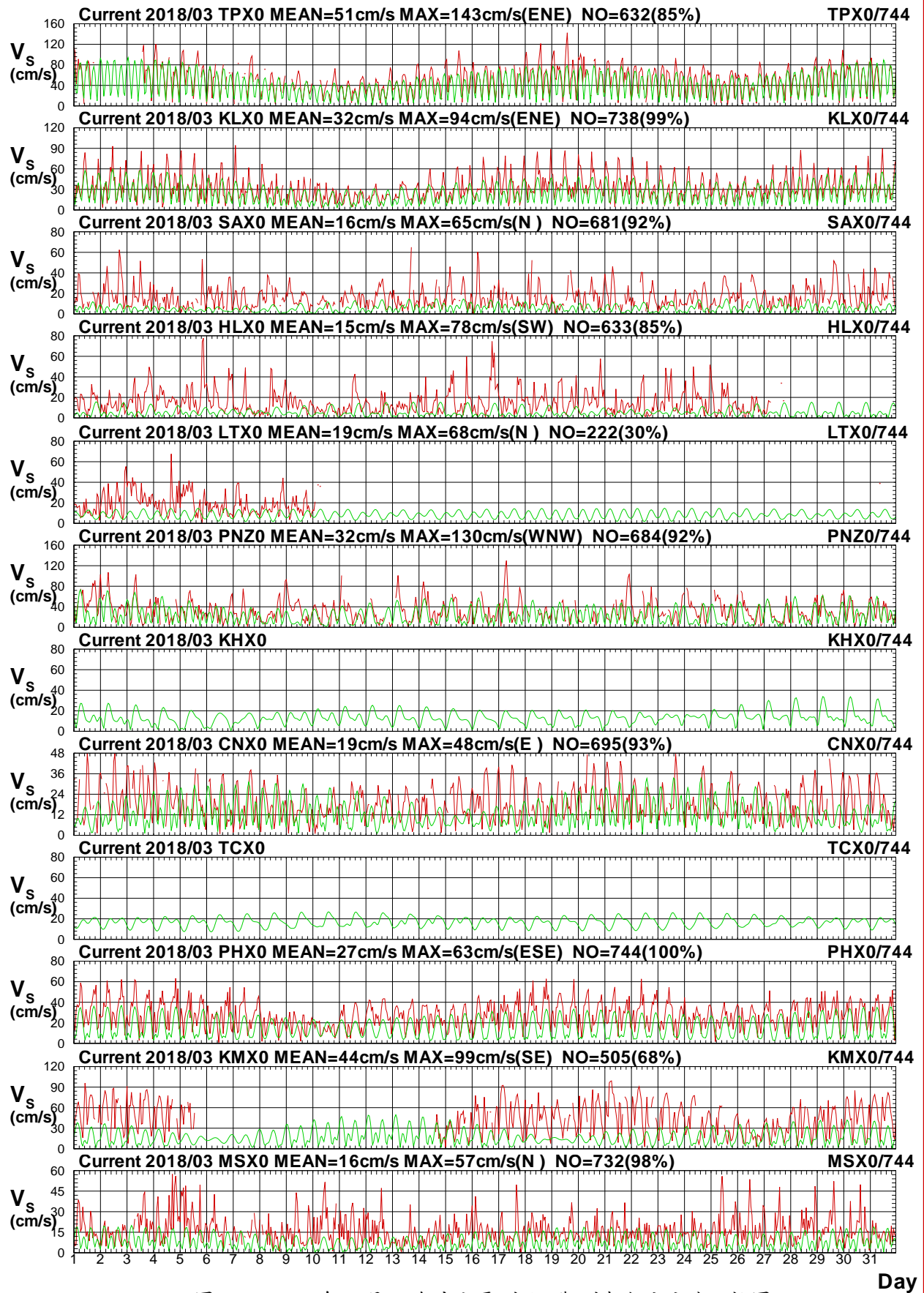


圖3.4a 2018年3月12海域主要測站1觀測與潮流流速比較圖

C183TPX0.1HD C183TPX0.1HD C183KLX0.1HD C183KLX0.1HD C183SAX0.1HD C183SAX0.1HD
 C183HLX0.1HD C183HLX0.1HD C183LTX0.1HD C183LTX0.1HD C183PNZ0.1HD C183PNZ0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/03

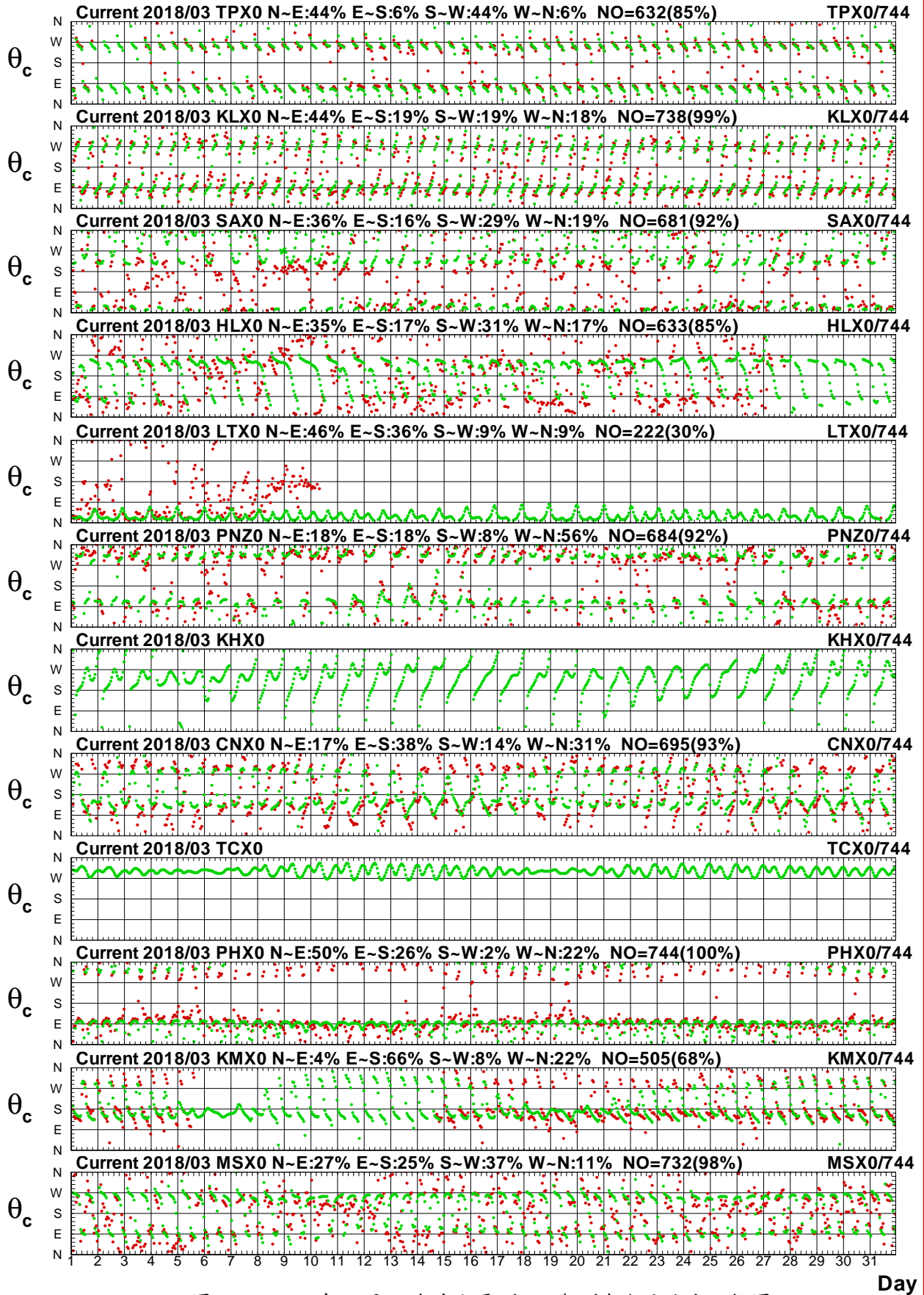


圖3.4b 2018年3月12海域主要測站1觀測與潮流流向比較圖

C183TPX0.1HD C183TPX0.1HD C183KLX0.1HD C183KLX0.1HD C183SAX0.1HD C183SAX0.1HD
 C183HLX0.1HD C183HLX0.1HD C183LTX0.1HD C183LTX0.1HD C183PNZ0.1HD C183PNZ0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/03

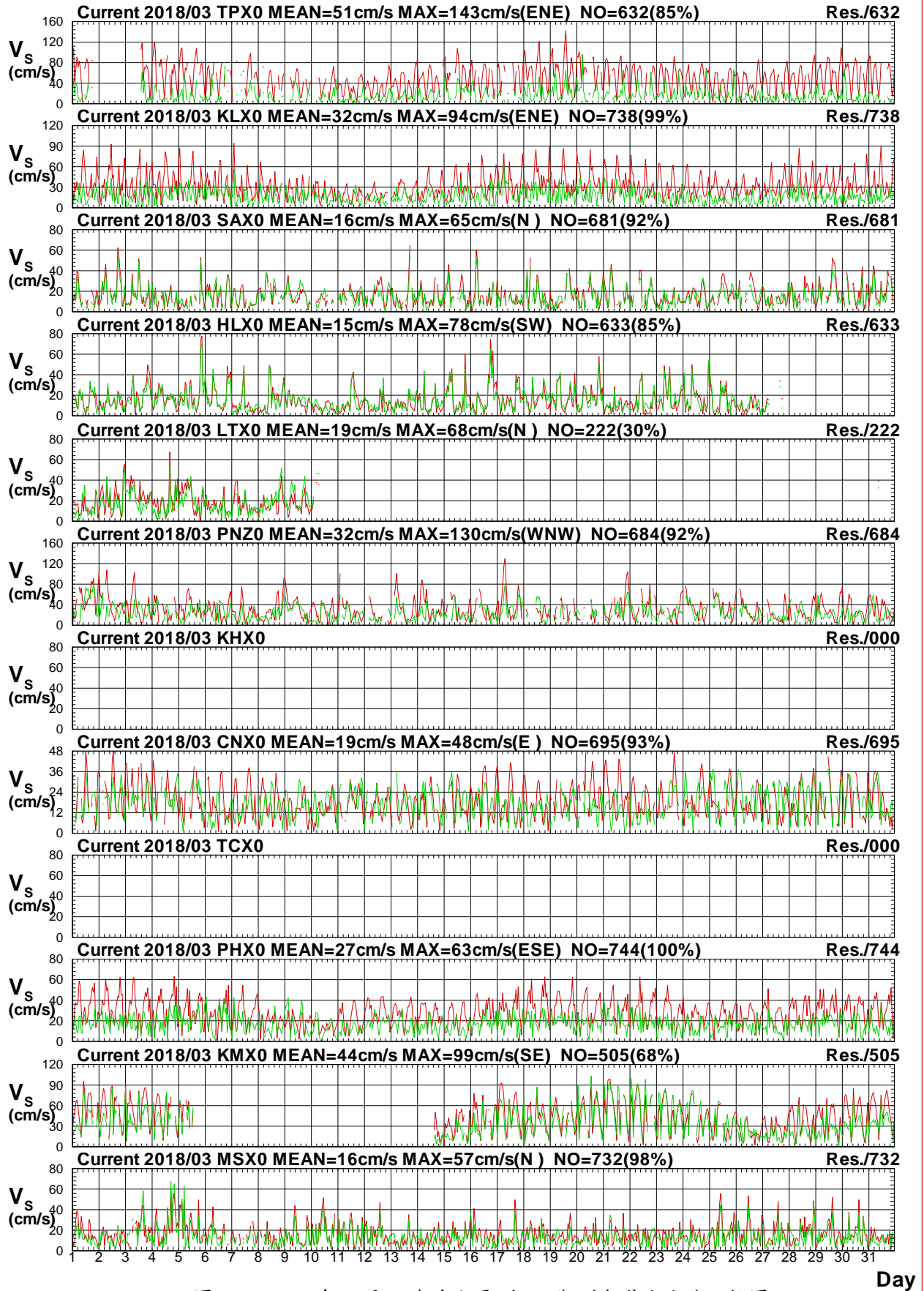


圖3.4c 2018年3月12海域主要測站1觀測與殘流流速比較圖

C183TPX0.1H0 C183TPX0.1HR C183KLX0.1H0 C183KLX0.1HR C183SAX0.1H0 C183SAX0.1HR
 C183HLX0.1H0 C183HLX0.1HR C183LTX0.1H0 C183LTX0.1HR C183PNZ0.1H0 C183PNZ0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/03

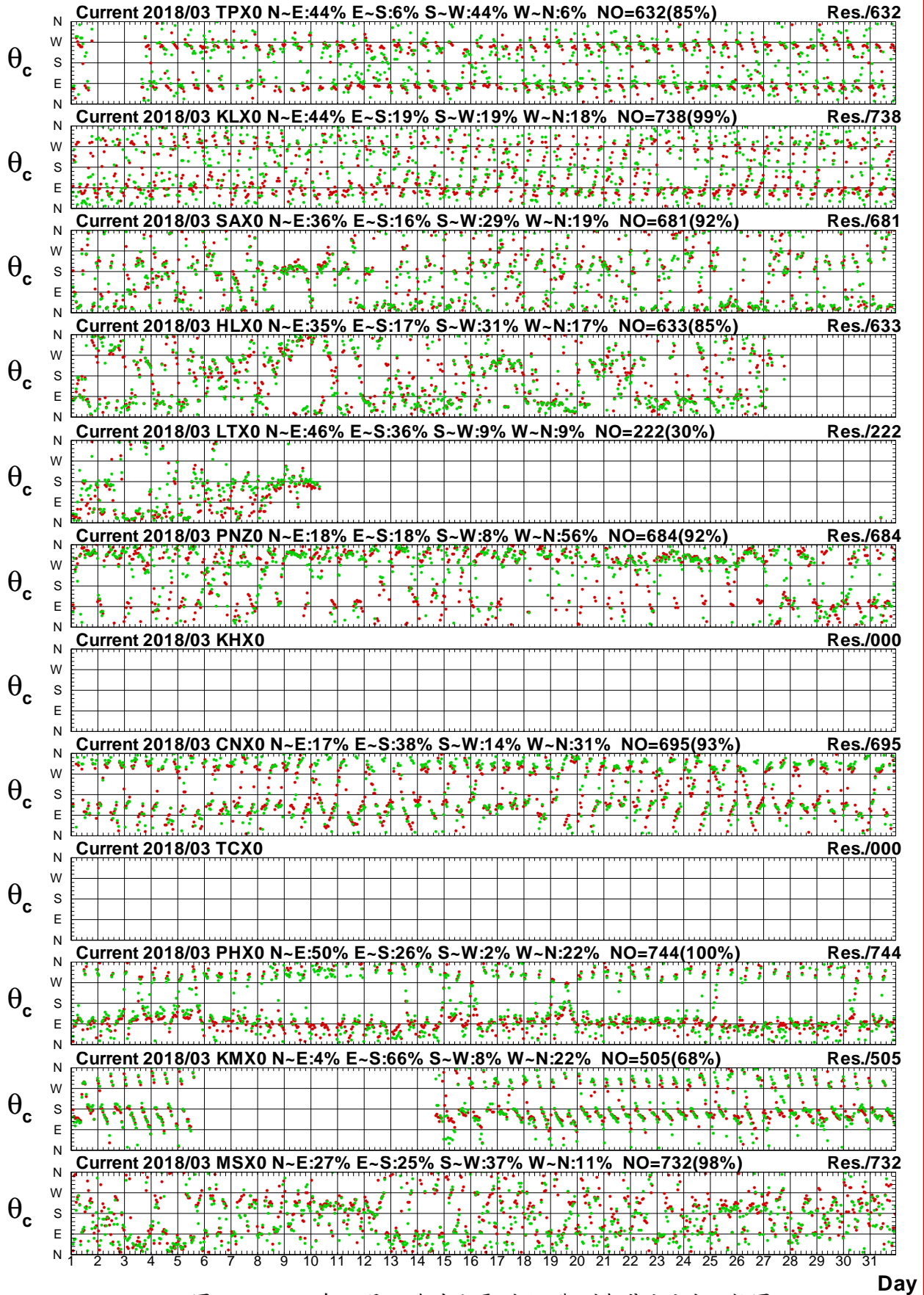


圖3.4d 2018年3月12海域主要測站1觀測與殘流流向比較圖

C183TPX0.1H0 C183TPX0.1HR C183KLX0.1H0 C183KLX0.1HR C183SAX0.1H0 C183SAX0.1HR
 C183HLX0.1H0 C183HLX0.1HR C183LTX0.1H0 C183LTX0.1HR C183PNZ0.1H0 C183PNZ0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/04

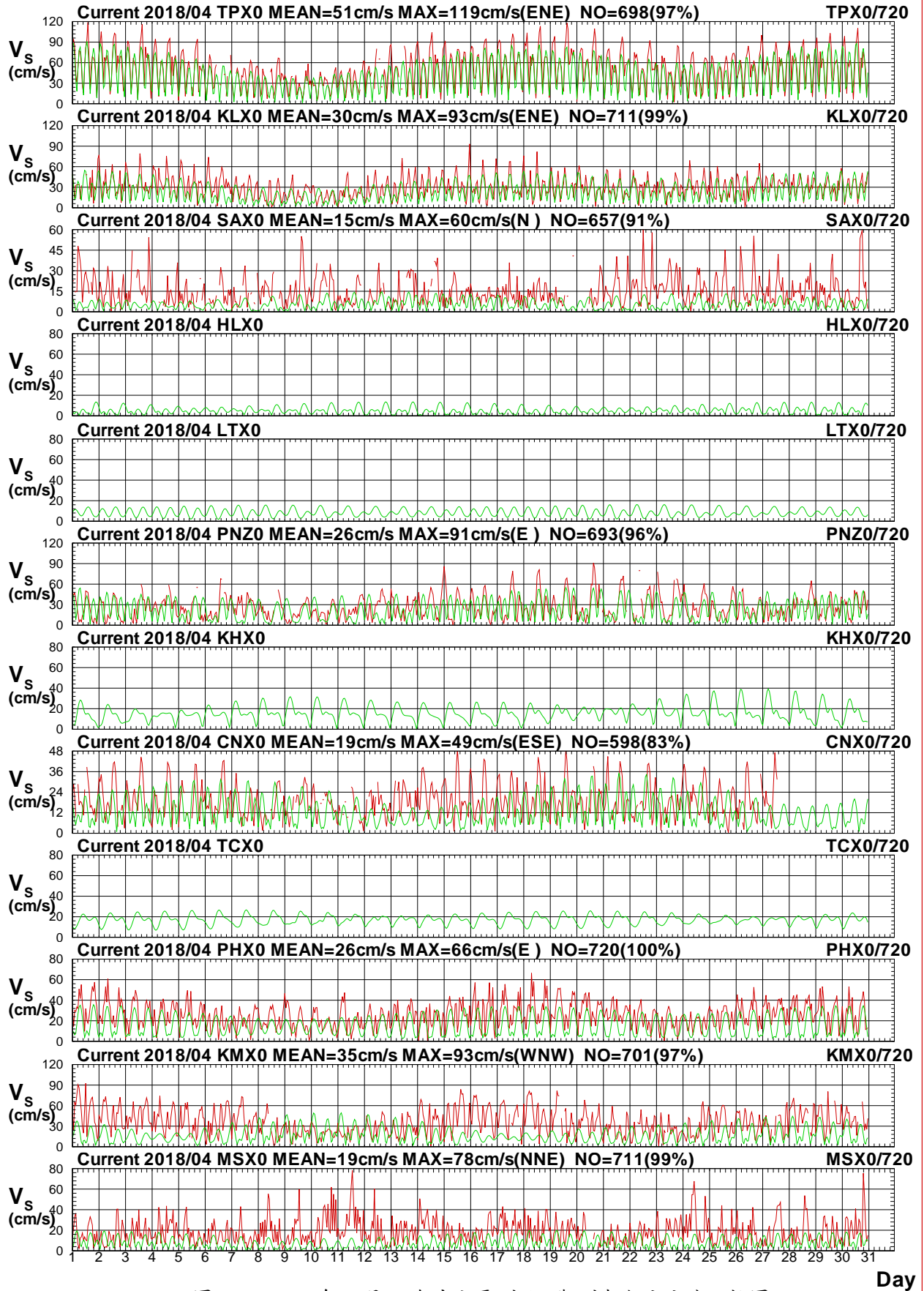


圖3.5a 2018年4月12海域主要測站1觀測與潮流流速比較圖

C184TPX0.1HD C184TPX0.1HD C184KLX0.1HD C184KLX0.1HD C184SAX0.1HD C184SAX0.1HD
 C184HLX0.1HD C184HLX0.1HD C184LTX0.1HD C184LTX0.1HD C184PNZ0.1HD C184PNZ0.1HD
 Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/04

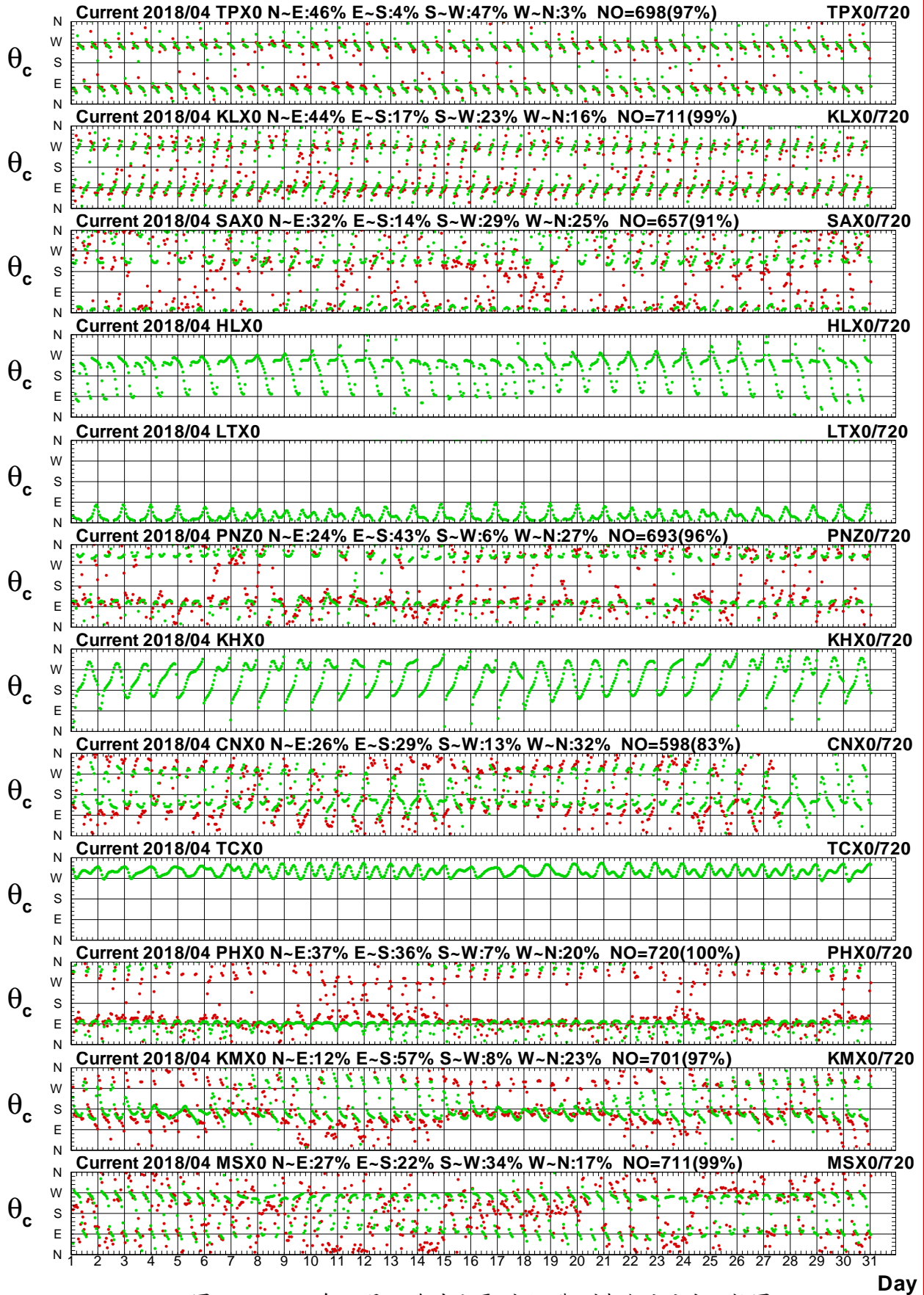


圖3.5b 2018年4月12海域主要測站1觀測與潮流流向比較圖

C184TPX0.1HD C184TPX0.1HD C184KLX0.1HD C184KLX0.1HD C184SAX0.1HD C184SAX0.1HD
 C184HLX0.1HD C184HLX0.1HD C184LTX0.1HD C184LTX0.1HD C184PNZ0.1HD C184PNZ0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/04

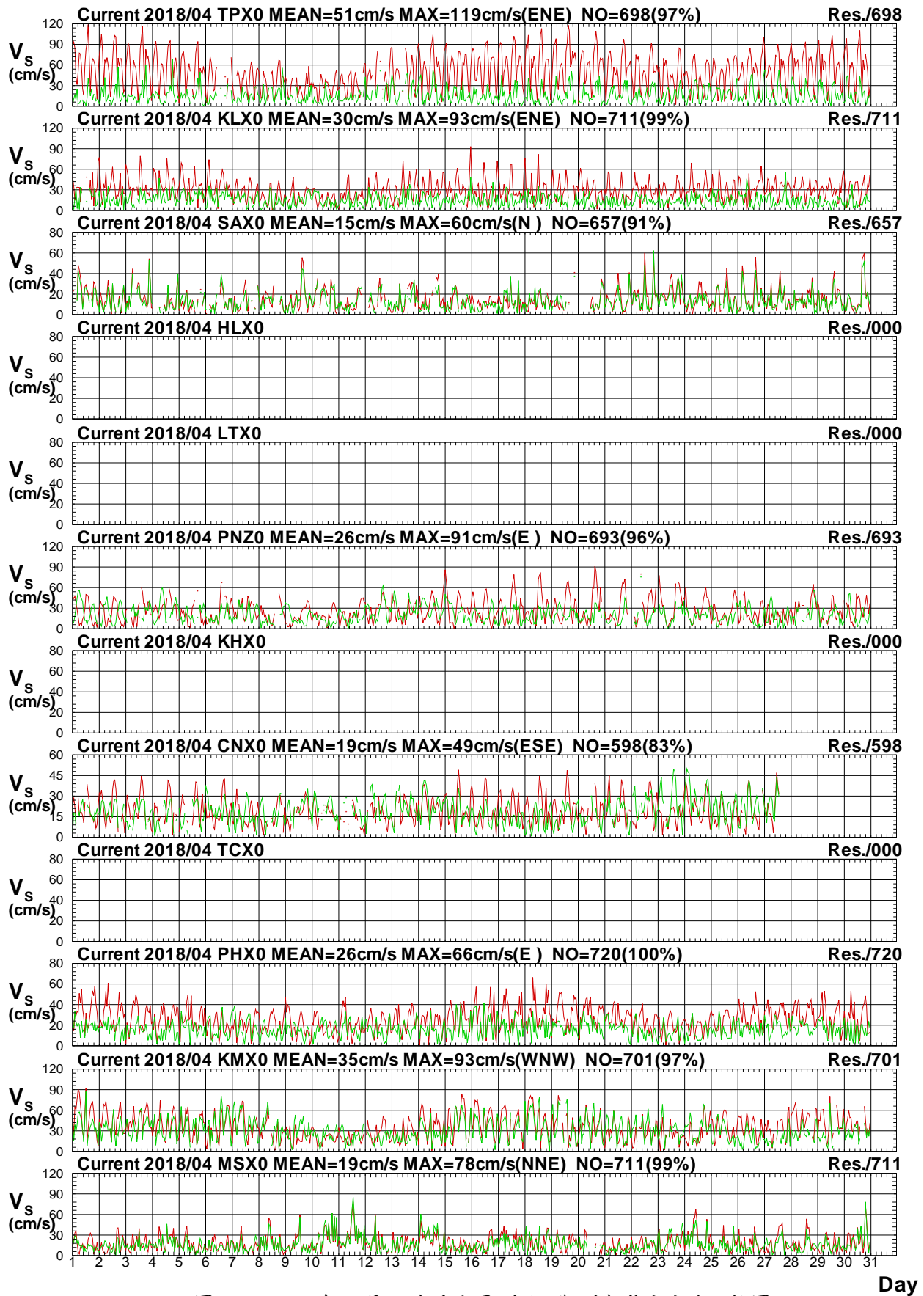


圖3.5c 2018年4月12海域主要測站1觀測與殘流流速比較圖

C184TPX0.1H0 C184TPX0.1HR C184KLX0.1H0 C184KLX0.1HR C184SAX0.1H0 C184SAX0.1HR
 C184HLX0.1H0 C184HLX0.1HR C184LTX0.1H0 C184LTX0.1HR C184PNZ0.1H0 C184PNZ0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/04

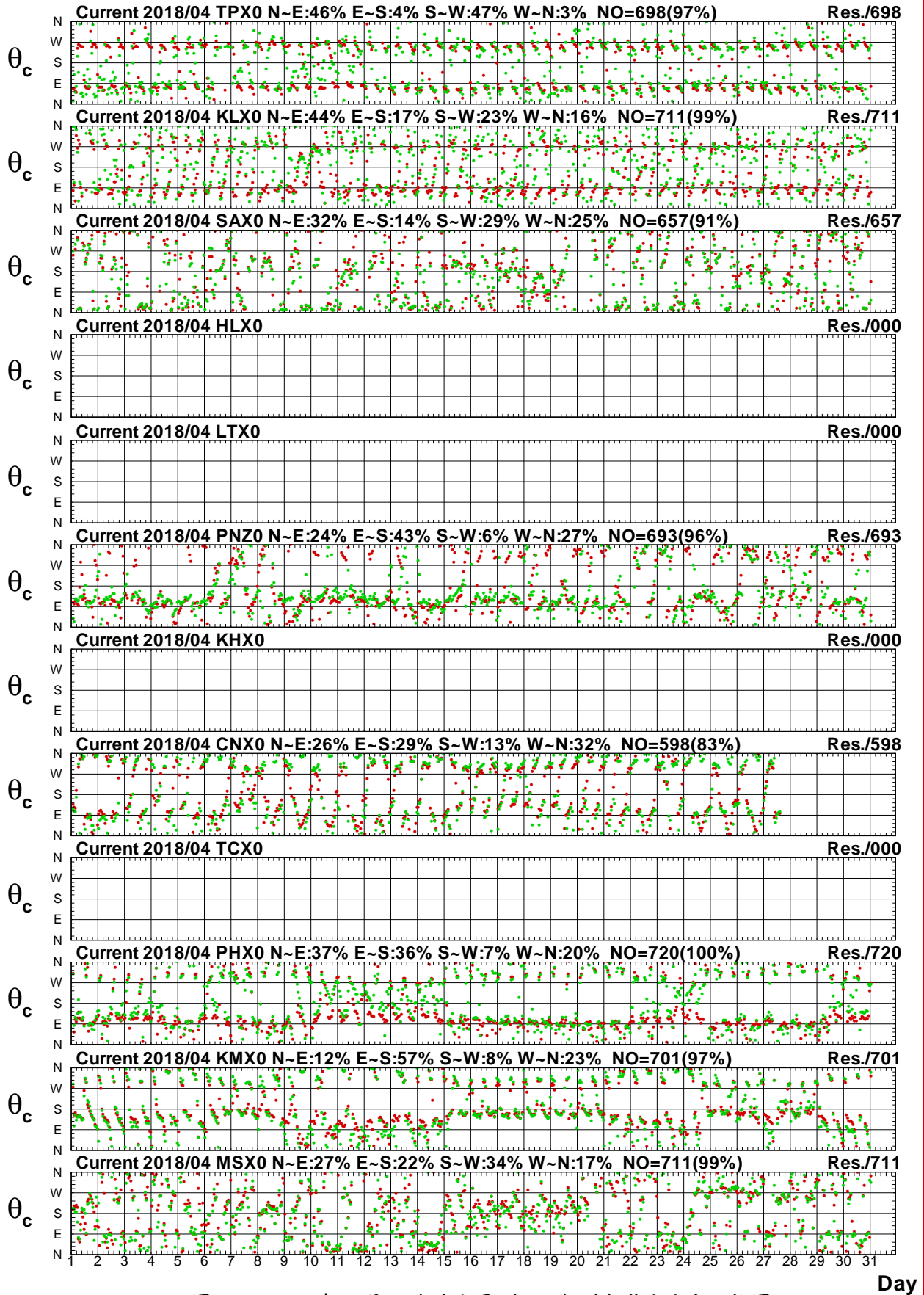


圖3.5d 2018年4月12海域主要測站1觀測與殘流流向比較圖

C184TPX0.1H0 C184TPX0.1HR C184KLX0.1H0 C184KLX0.1HR C184SAX0.1H0 C184SAX0.1HR
 C184HLX0.1H0 C184HLX0.1HR C184LTX0.1H0 C184LTX0.1HR C184PNZ0.1H0 C184PNZ0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/05

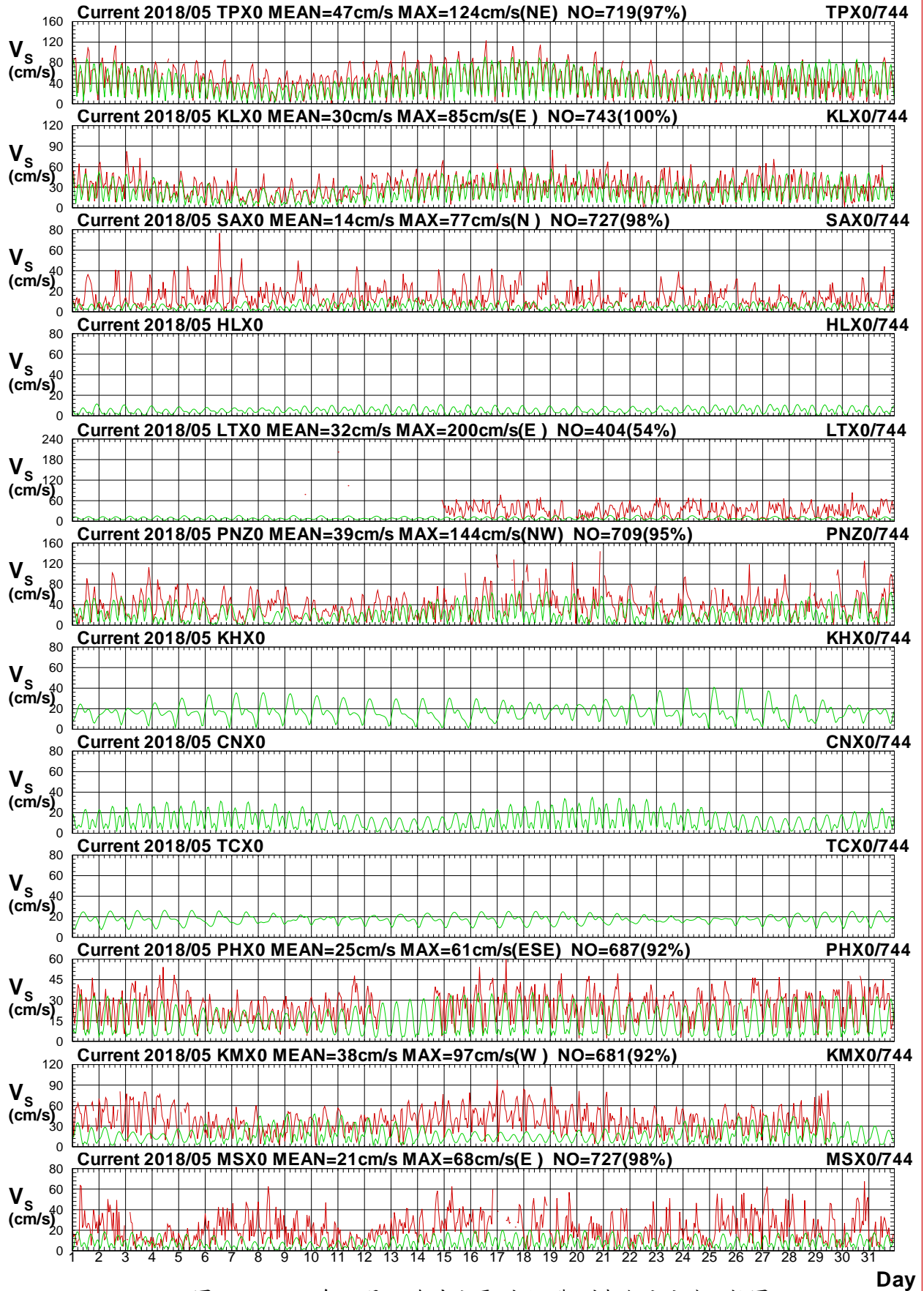


圖3.6a 2018年5月12海域主要測站1觀測與潮流流速比較圖

C185TPX0.1H0 C185TPX0.1HD C185KLX0.1H0 C185KLX0.1HD C185SAX0.1H0 C185SAX0.1HD
 C185HLX0.1H0 C185HLX0.1HD C185LTX0.1H0 C185LTX0.1HD C185PNZ0.1H0 C185PNZ0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/05

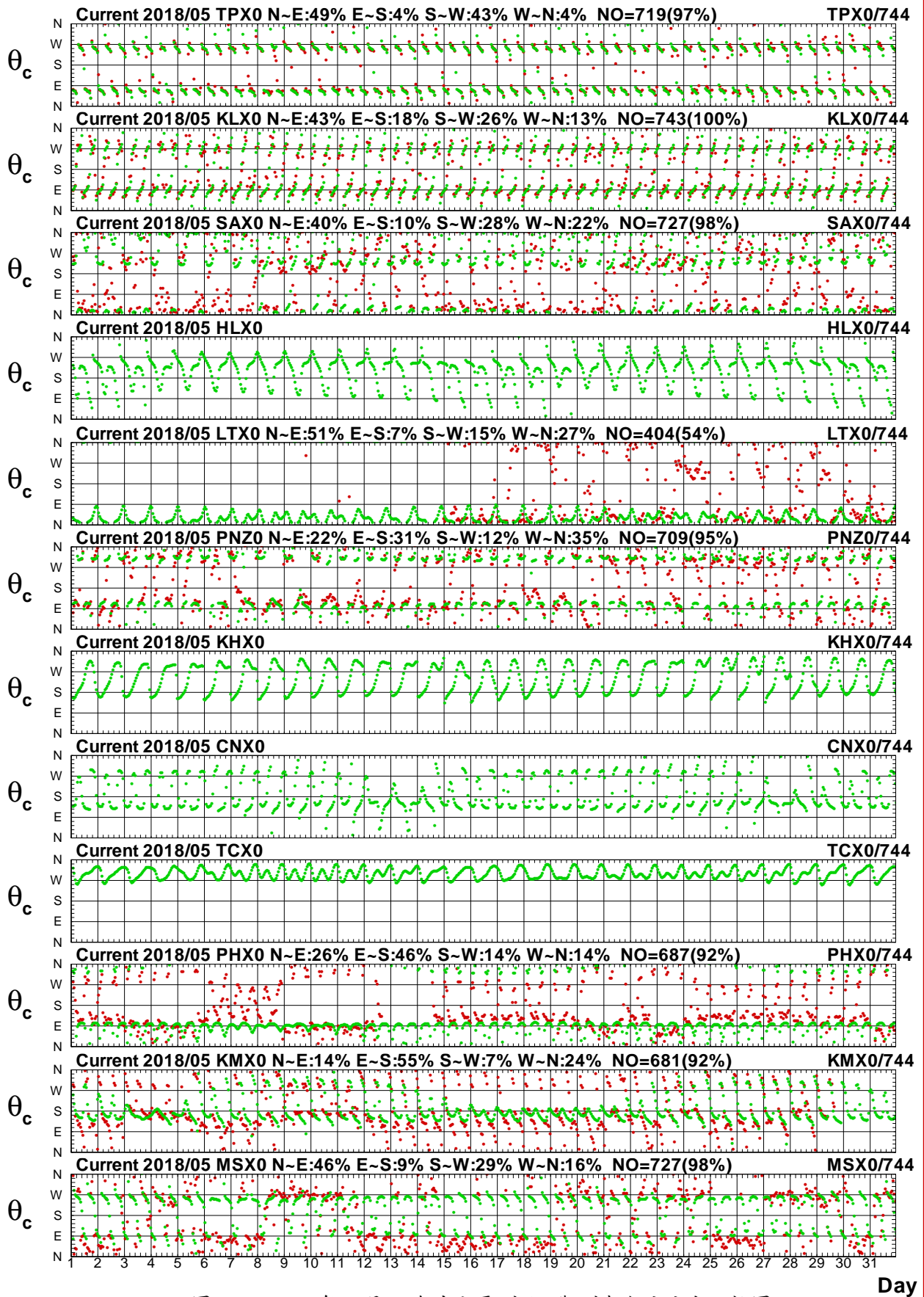


圖3.6b 2018年5月12海域主要測站1觀測與潮流流向比較圖

C185TPX0.1HD C185TPX0.1HD C185KLX0.1HD C185KLX0.1HD C185SAX0.1HD C185SAX0.1HD
 C185HLX0.1HD C185HLX0.1HD C185LTX0.1HD C185LTX0.1HD C185PNZ0.1HD C185PNZ0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/05

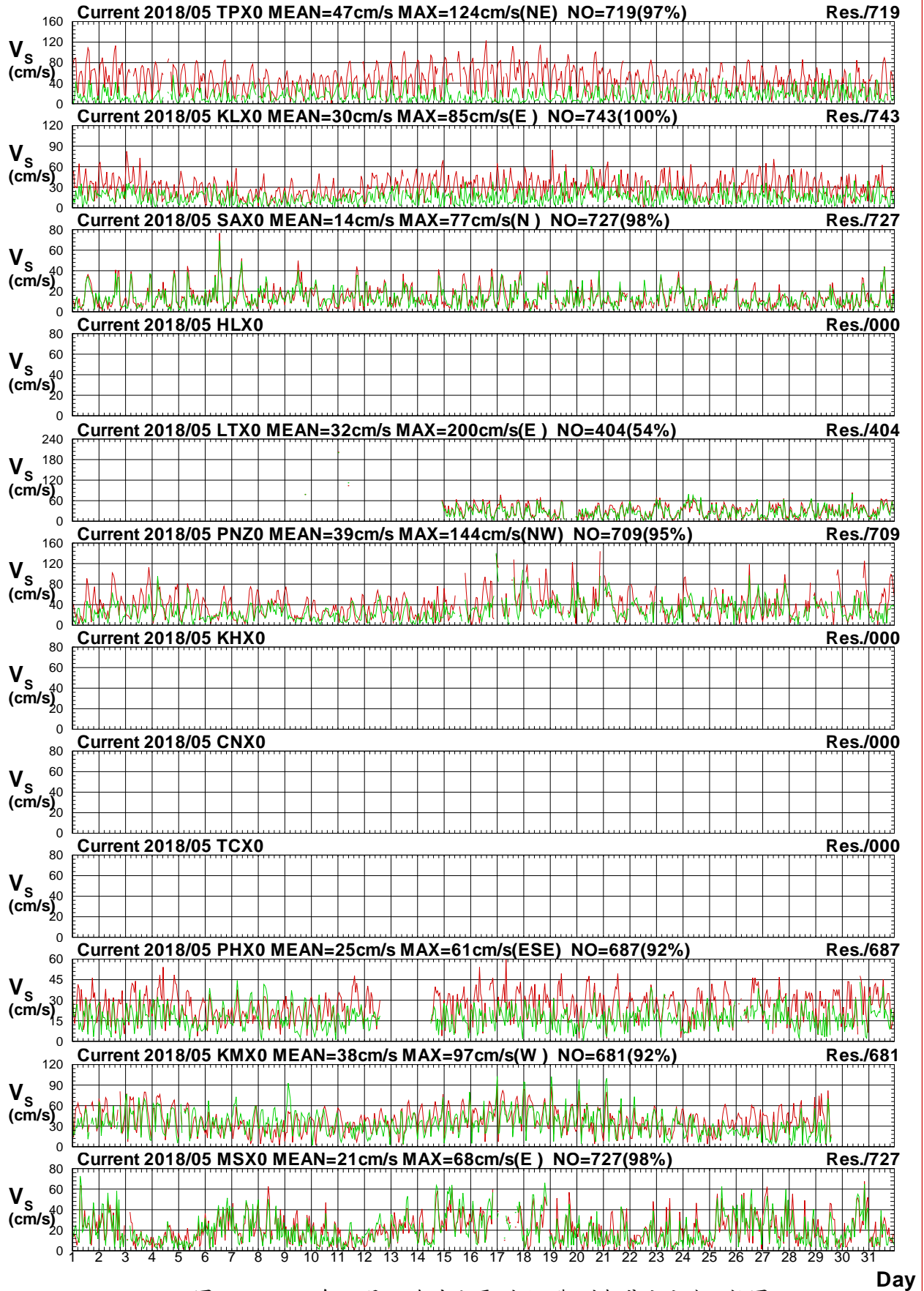


圖3.6c 2018年5月12海域主要測站1觀測與殘流流速比較圖

C185TPX0.1H0 C185TPX0.1HR C185KLX0.1H0 C185KLX0.1HR C185SAX0.1H0 C185SAX0.1HR
 C185HLX0.1H0 C185HLX0.1HR C185LTX0.1H0 C185LTX0.1HR C185PNZ0.1H0 C185PNZ0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/05

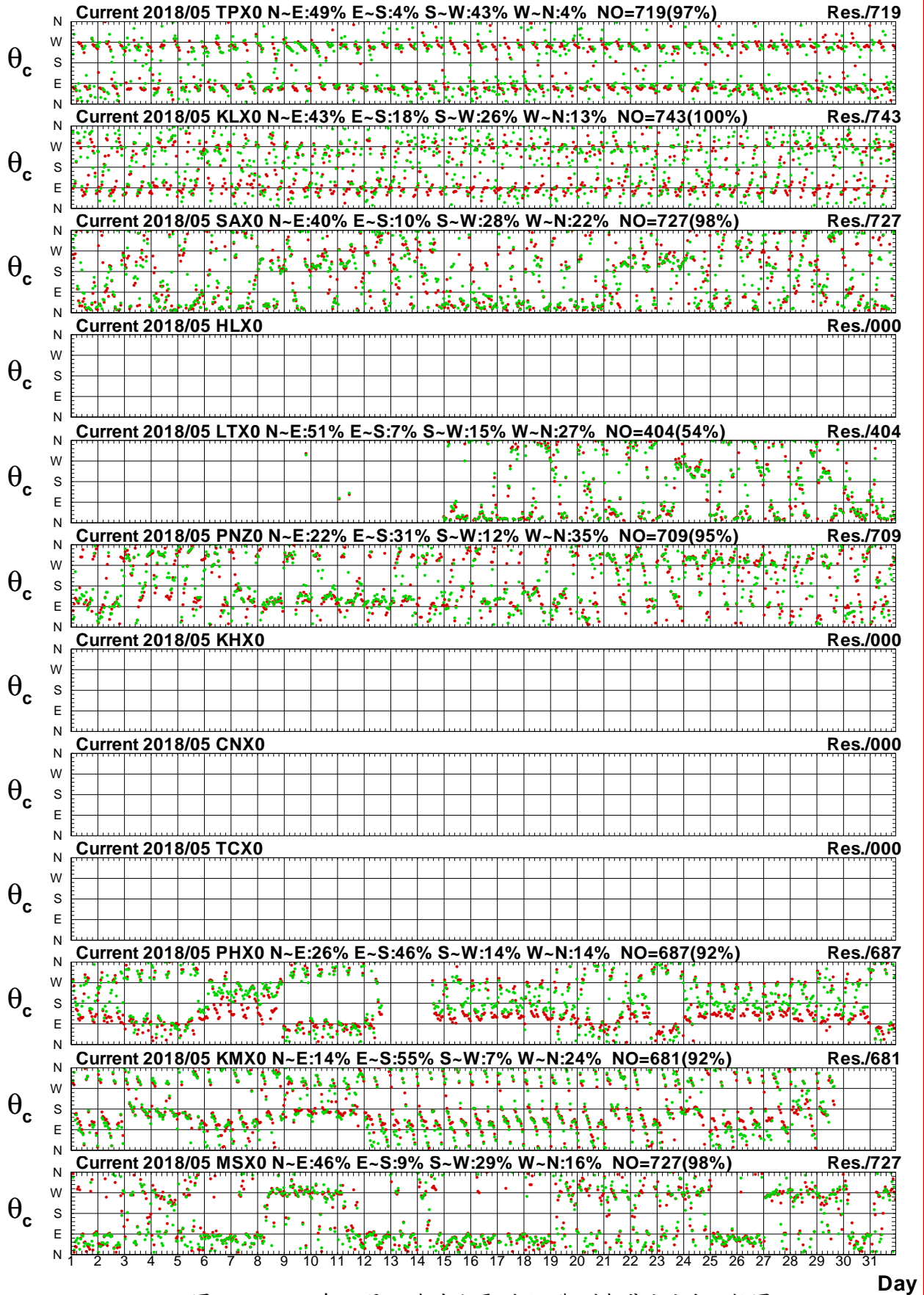


圖3.6d 2018年5月12海域主要測站1觀測與殘流流向比較圖

C185TPX0.1H0 C185TPX0.1HR C185KLX0.1H0 C185KLX0.1HR C185SAX0.1H0 C185SAX0.1HR
 C185HLX0.1H0 C185HLX0.1HR C185LTX0.1H0 C185LTX0.1HR C185PNZ0.1H0 C185PNZ0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/06

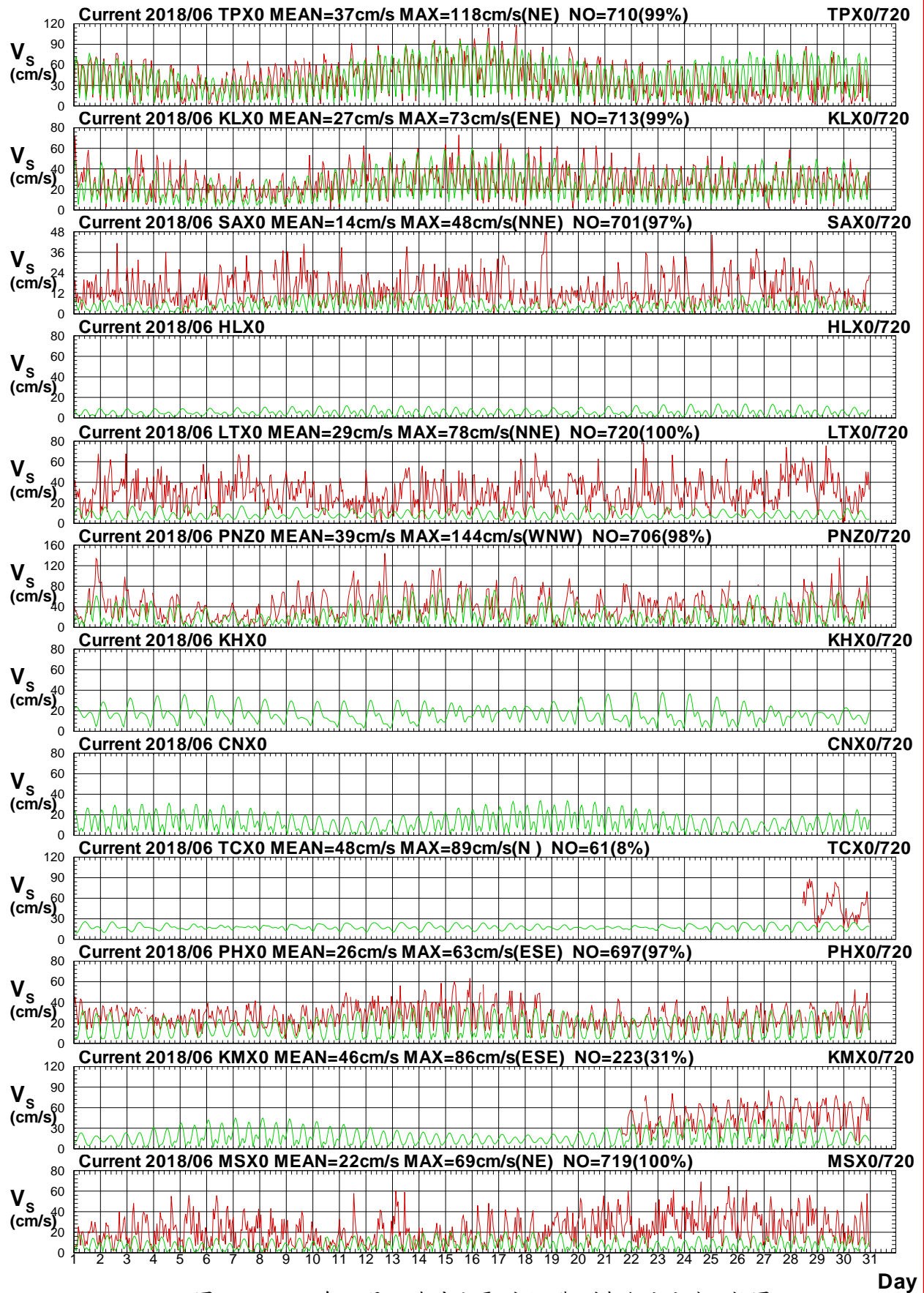


圖3.7a 2018年6月12海域主要測站1觀測與潮流流速比較圖

C186TPX0.1HD C186TPX0.1HD C186KLX0.1HD C186KLX0.1HD C186SAX0.1HD C186SAX0.1HD
 C186HLX0.1HD C186HLX0.1HD C186LTX0.1HD C186LTX0.1HD C186PNZ0.1HD C186PNZ0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/06

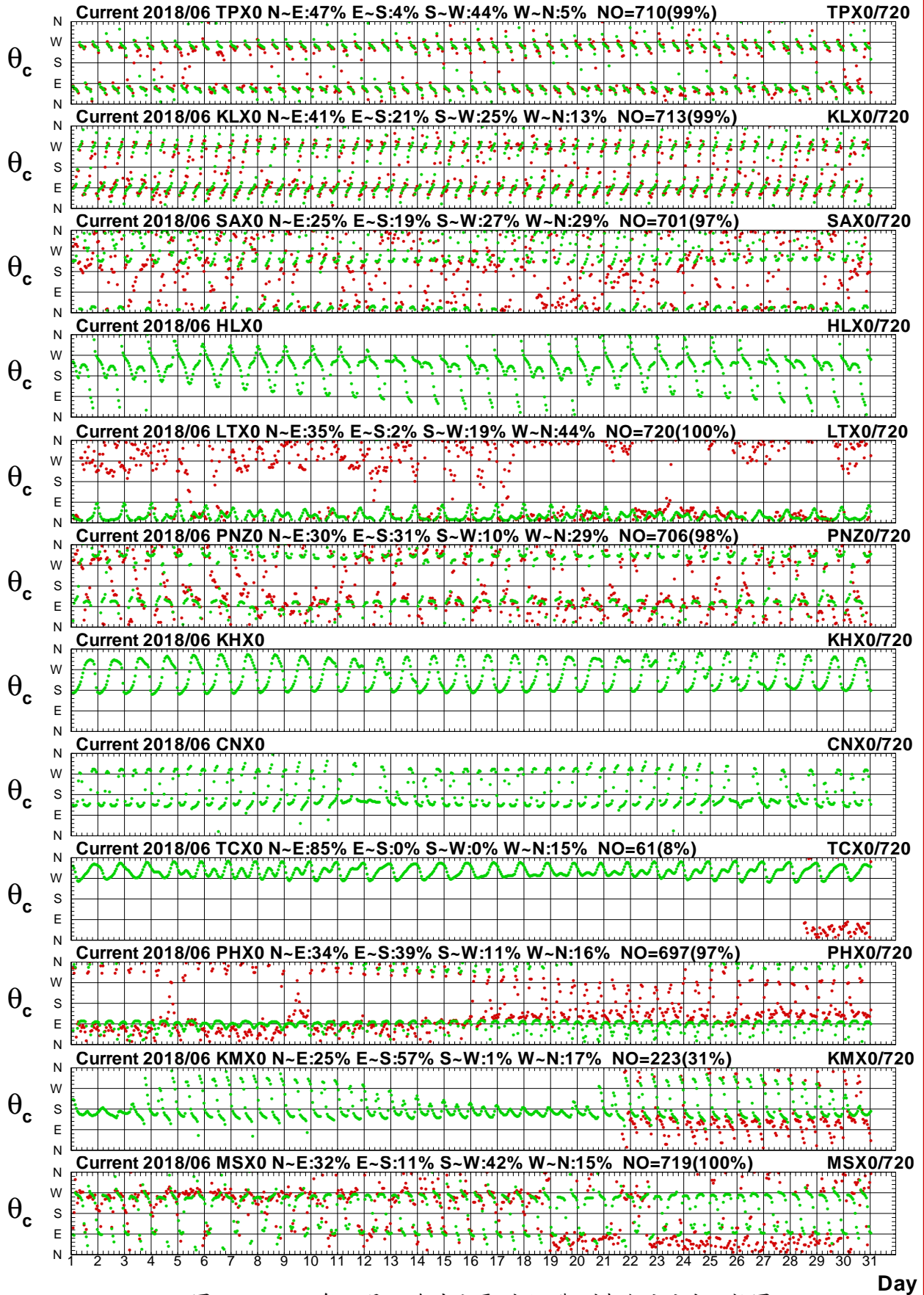


圖3.7b 2018年6月12海域主要測站1觀測與潮流流向比較圖

C186TPX0.1HD C186TPX0.1HD C186KLX0.1HD C186KLX0.1HD C186SAX0.1HD C186SAX0.1HD
 C186HLX0.1HD C186HLX0.1HD C186LTX0.1HD C186LTX0.1HD C186PNZ0.1HD C186PNZ0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/06

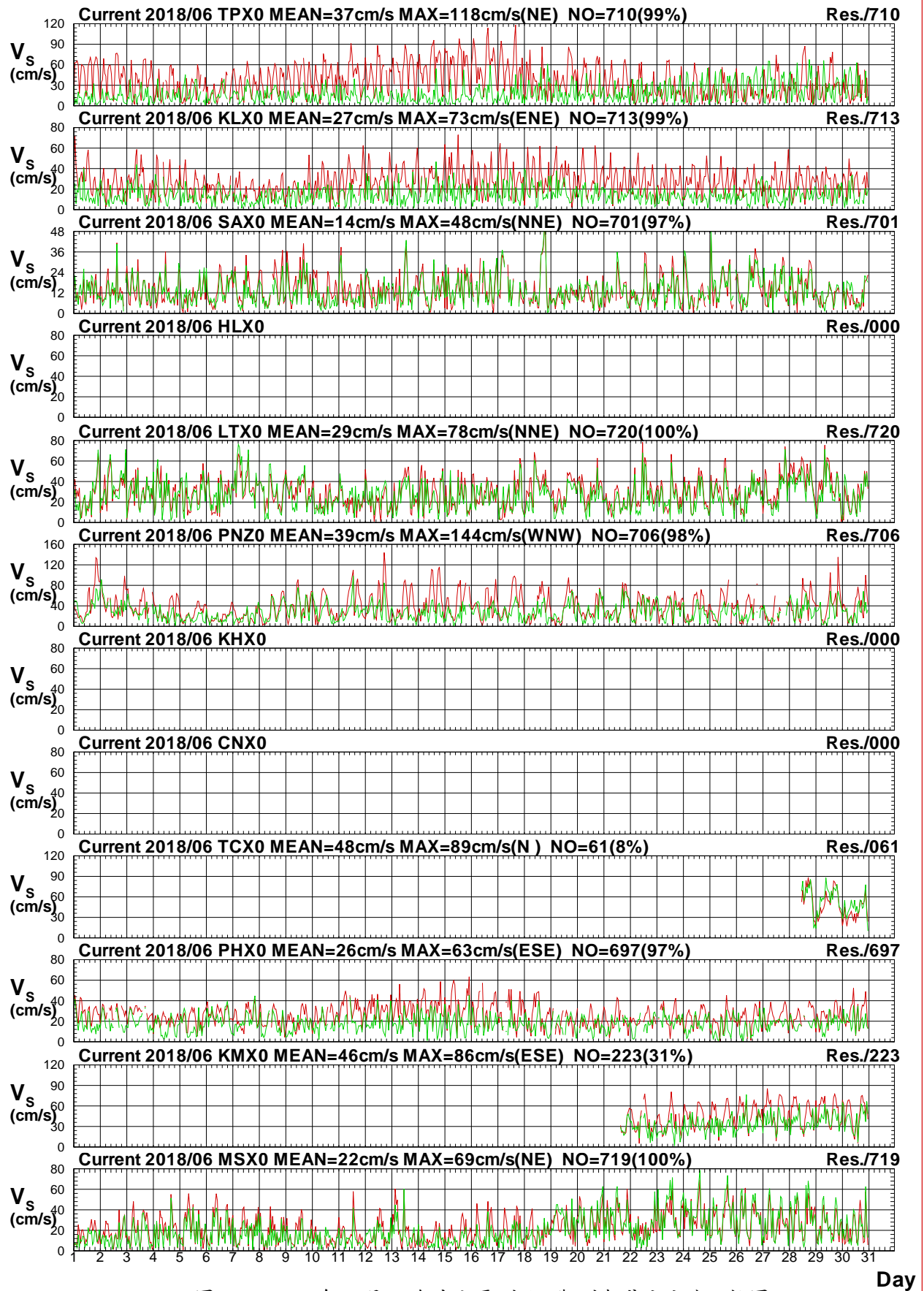


圖3.7c 2018年6月12海域主要測站1觀測與殘流流速比較圖

C186TPX0.1H0 C186TPX0.1HR C186KLX0.1H0 C186KLX0.1HR C186SAX0.1H0 C186SAX0.1HR
 C186HLX0.1H0 C186HLX0.1HR C186LTX0.1H0 C186LTX0.1HR C186PNZ0.1H0 C186PNZ0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/06

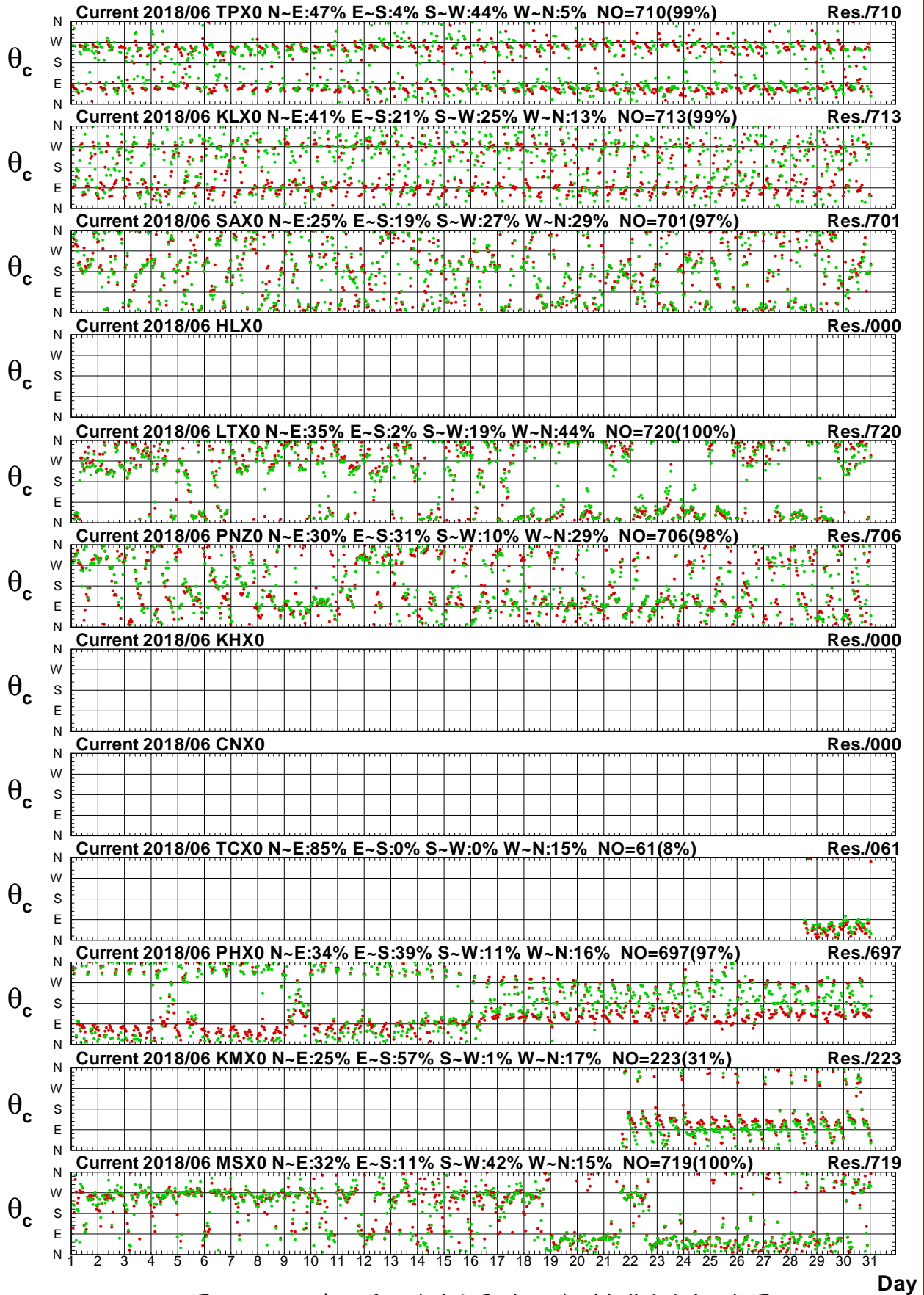


圖3.7d 2018年6月12海域主要測站1觀測與殘流流向比較圖

C186TPX0.1H0 C186TPX0.1HR C186KLX0.1H0 C186KLX0.1HR C186SAX0.1H0 C186SAX0.1HR
 C186HLX0.1H0 C186HLX0.1HR C186LTX0.1H0 C186LTX0.1HR C186PNZ0.1H0 C186PNZ0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/07

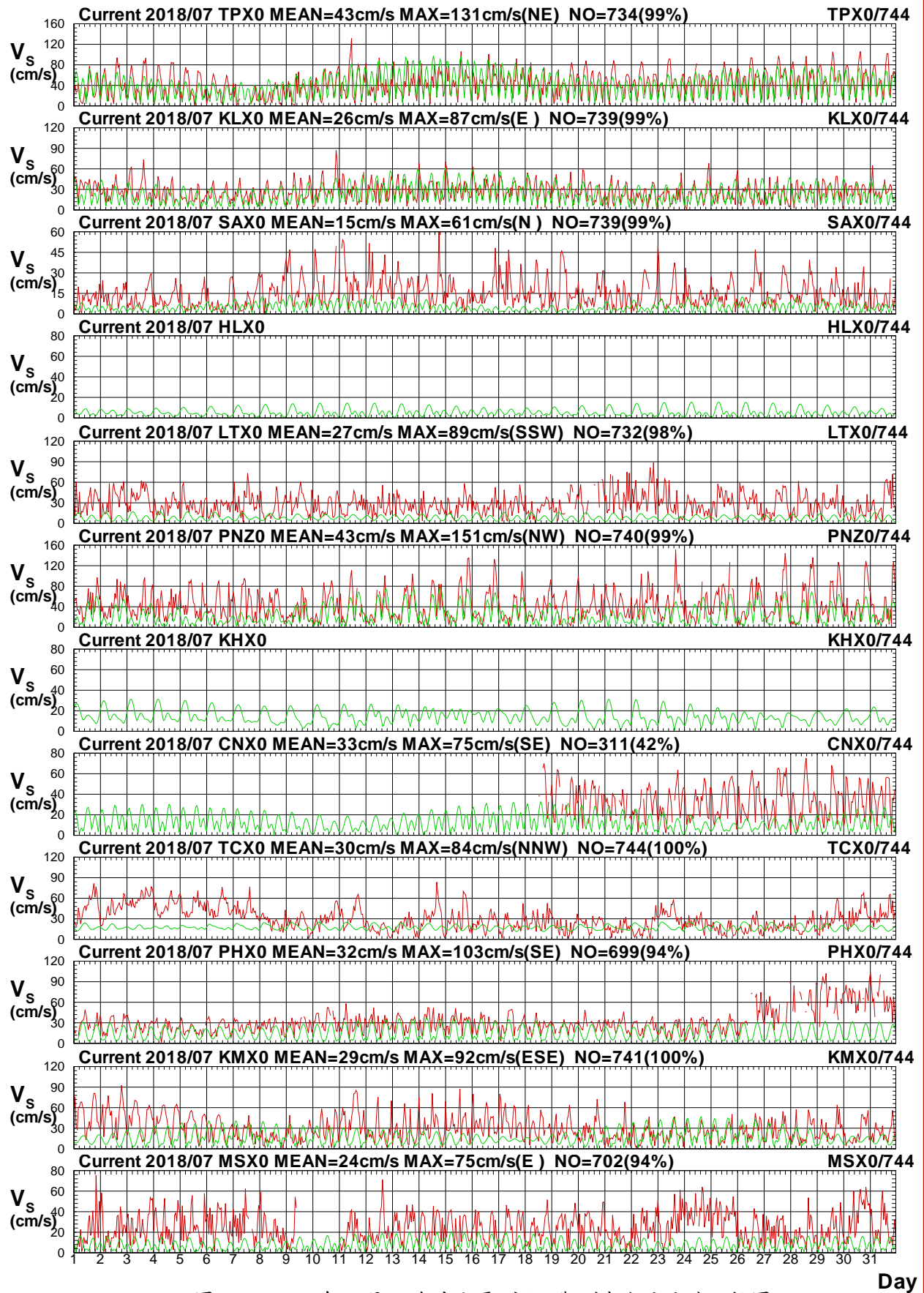


圖3.8a 2018年7月12海域主要測站1觀測與潮流流速比較圖

C187TPX0.1H0 C187TPX0.1HD C187KLX0.1H0 C187KLX0.1HD C187SAX0.1H0 C187SAX0.1HD
 C187HLX0.1H0 C187HLX0.1HD C187LTX0.1H0 C187LTX0.1HD C187PNZ0.1H0 C187PNZ0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/07

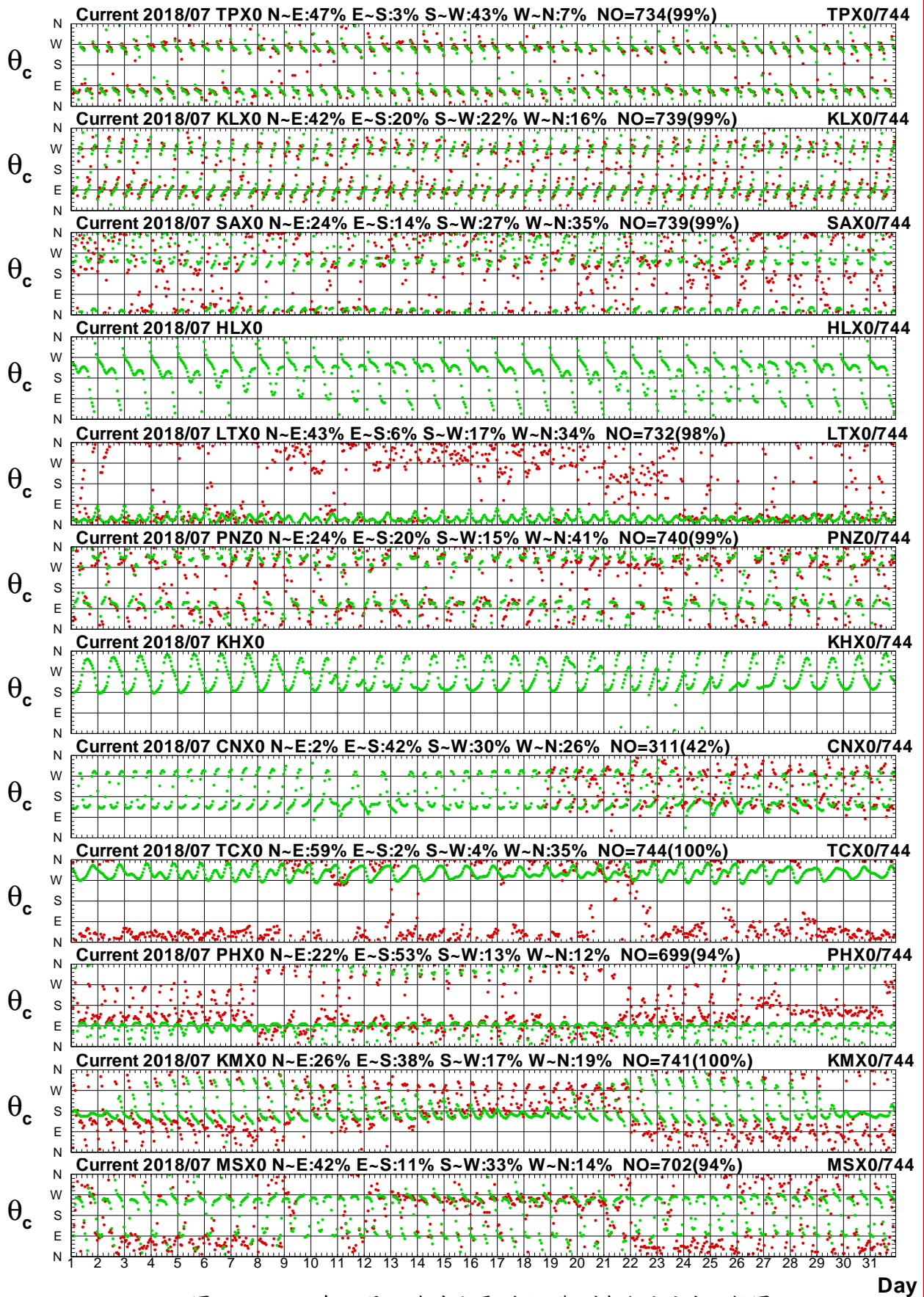


圖3.8b 2018年7月12海域主要測站1觀測與潮流流向比較圖

C187TPX0.1HD C187TPX0.1HD C187KLX0.1HD C187KLX0.1HD C187SAX0.1HD C187SAX0.1HD
 C187HLX0.1HD C187HLX0.1HD C187LTX0.1HD C187LTX0.1HD C187PNZ0.1HD C187PNZ0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/07

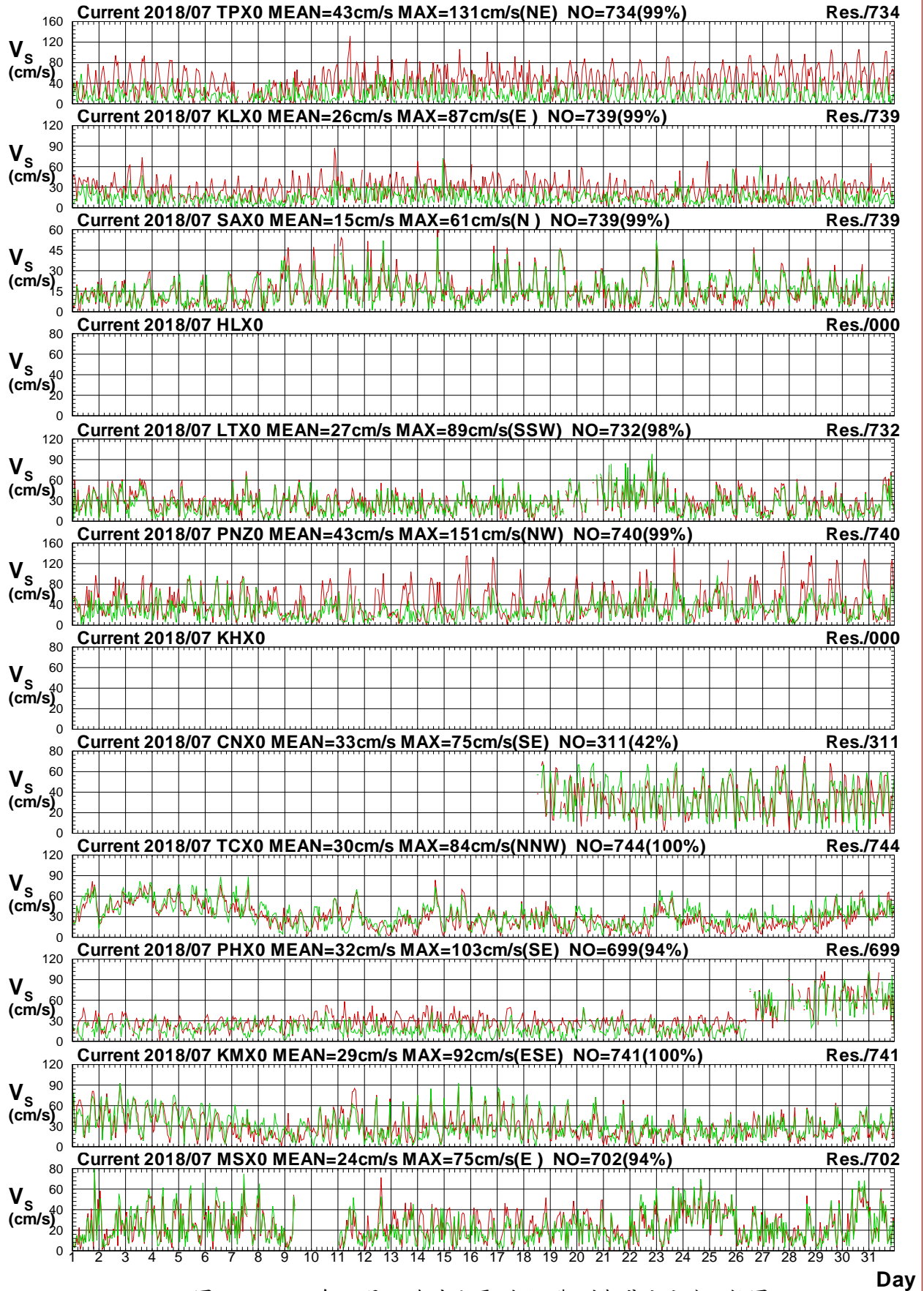


圖3.8c 2018年7月12海域主要測站1觀測與殘流流速比較圖

C187TPX0.1H0 C187TPX0.1HR C187KLX0.1H0 C187KLX0.1HR C187SAX0.1H0 C187SAX0.1HR
 C187HLX0.1H0 C187HLX0.1HR C187LTX0.1H0 C187LTX0.1HR C187PNZ0.1H0 C187PNZ0.1HR
 Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/07

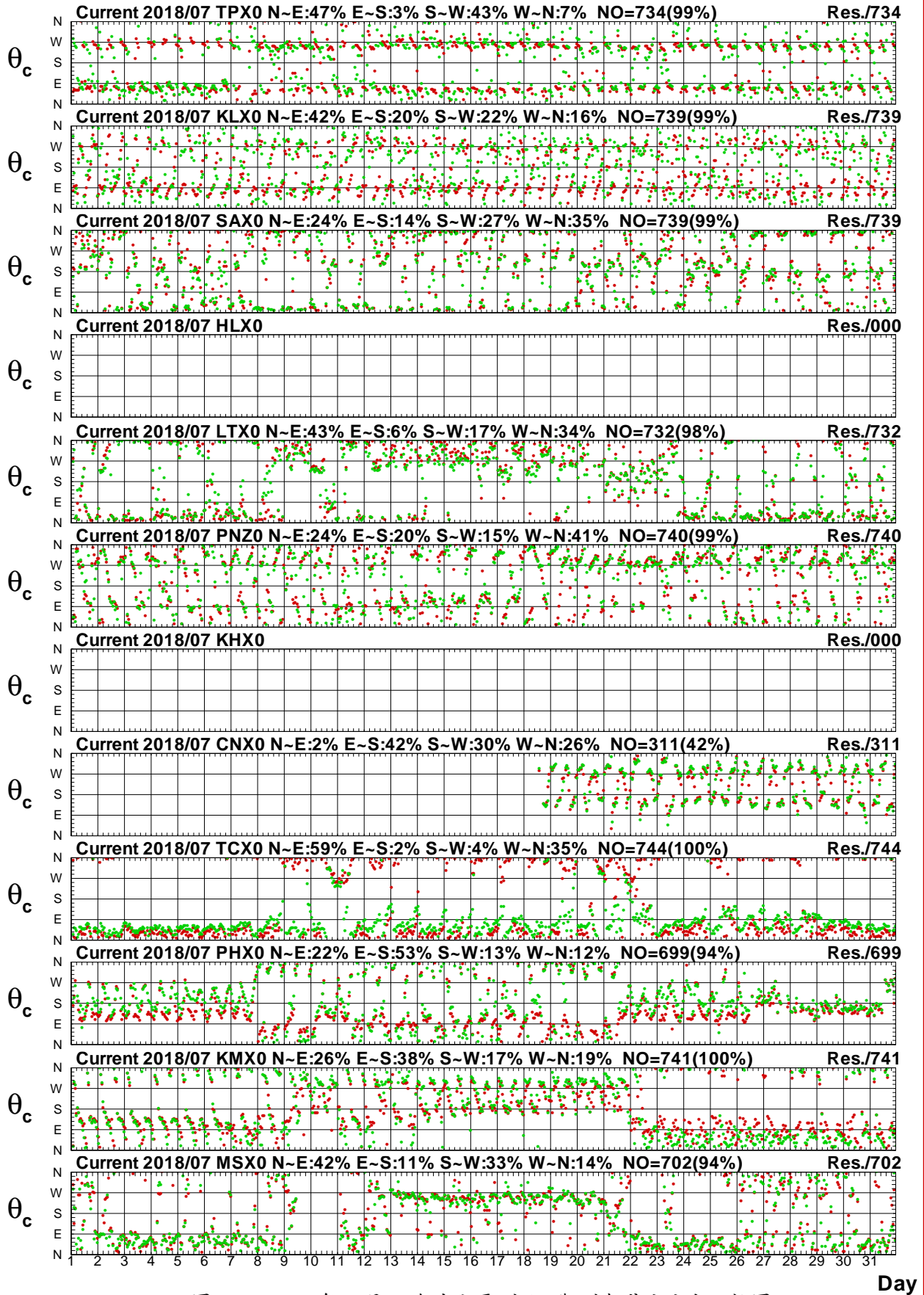


圖3.8d 2018年7月12海域主要測站1觀測與殘流流向比較圖

C187TPX0.1H0 C187TPX0.1HR C187KLX0.1H0 C187KLX0.1HR C187SAX0.1H0 C187SAX0.1HR
 C187HLX0.1H0 C187HLX0.1HR C187LTX0.1H0 C187LTX0.1HR C187PNZ0.1H0 C187PNZ0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/08

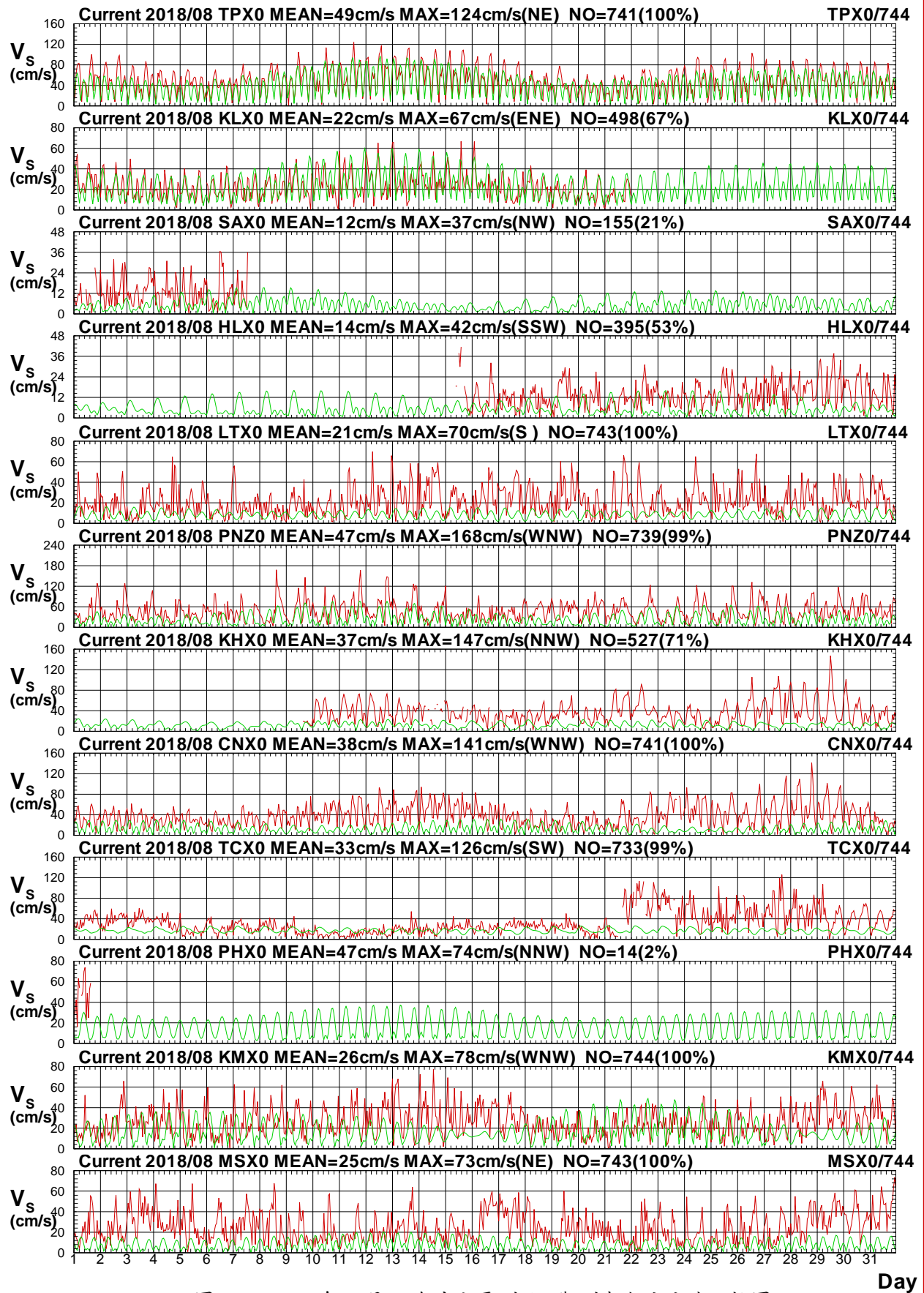


圖3.9a 2018年8月12海域主要測站1觀測與潮流流速比較圖

C188TPX0.1HD C188TPX0.1HD C188KLX0.1HD C188KLX0.1HD C188SAX0.1HD C188SAX0.1HD
 C188HLX0.1HD C188HLX0.1HD C188LTX0.1HD C188LTX0.1HD C188PNZ0.1HD C188PNZ0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/08

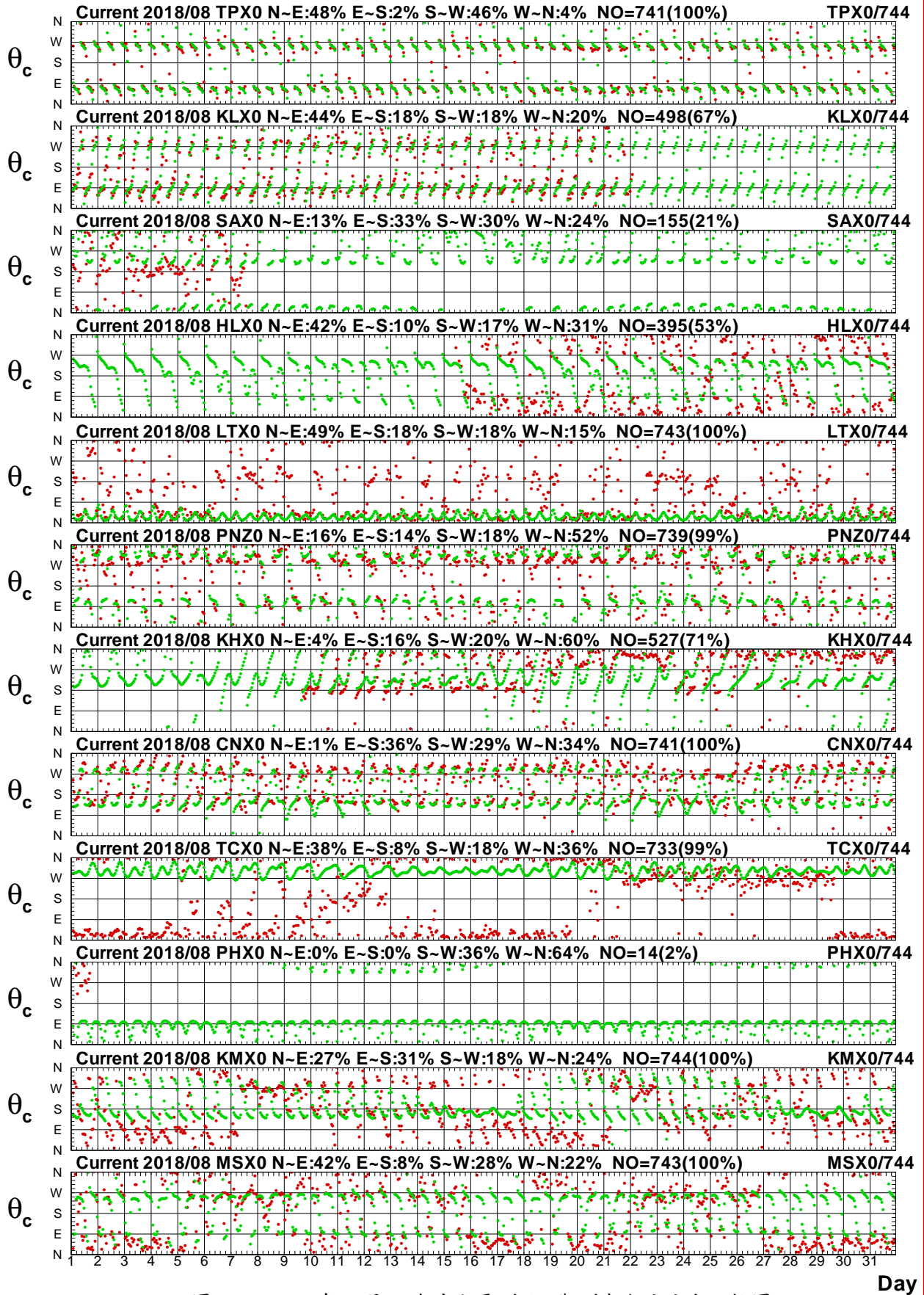


圖3.9b 2018年8月12海域主要測站1觀測與潮流流向比較圖

C188TPX0.1HD C188TPX0.1HD C188KLX0.1HD C188KLX0.1HD C188SAX0.1HD C188SAX0.1HD
 C188HLX0.1HD C188HLX0.1HD C188LTX0.1HD C188LTX0.1HD C188PNZ0.1HD C188PNZ0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/08

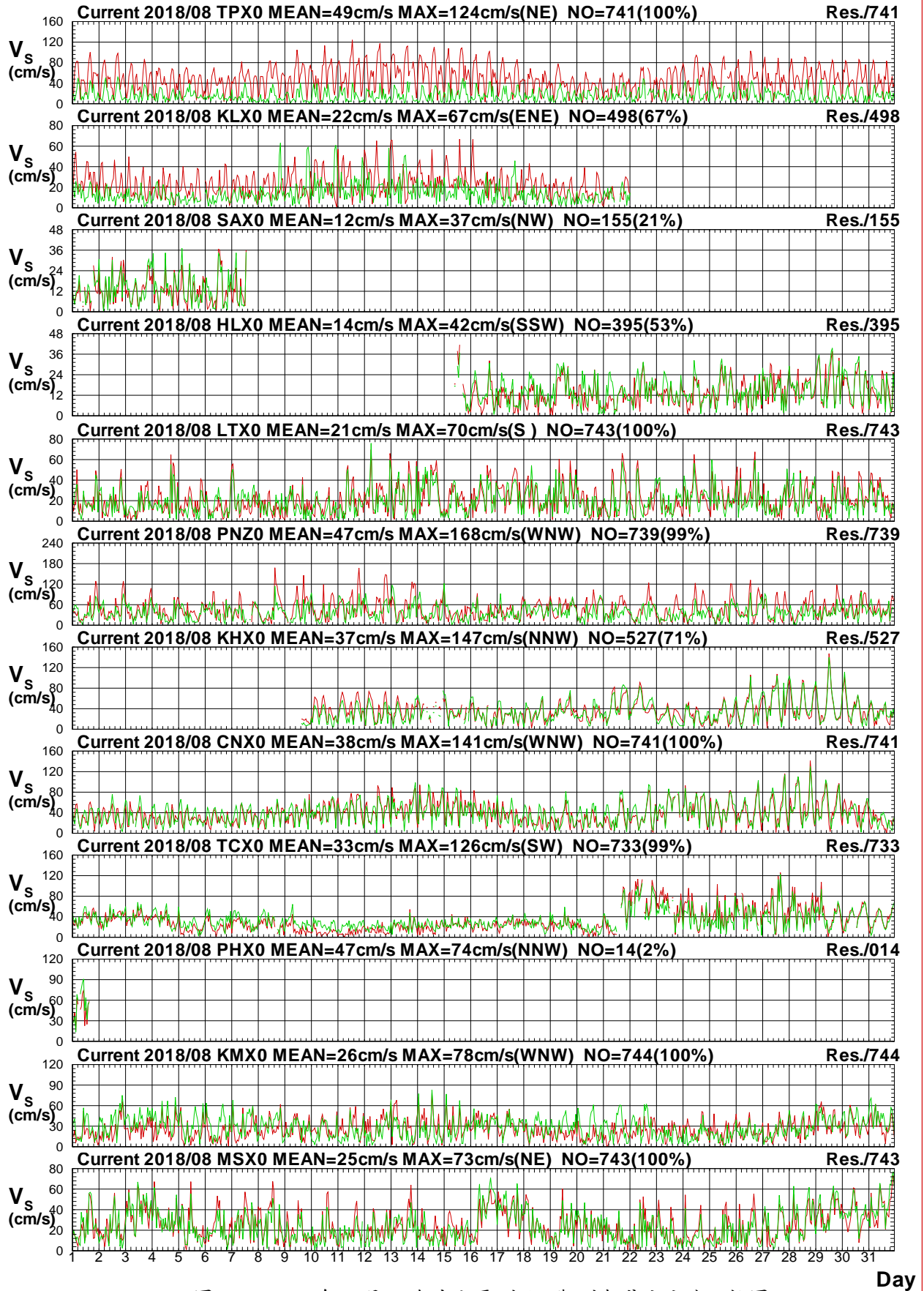


圖3.9c 2018年8月12海域主要測站1觀測與殘流流速比較圖

C188TPX0.1H0 C188TPX0.1HR C188KLX0.1H0 C188KLX0.1HR C188SAX0.1H0 C188SAX0.1HR
 C188HLX0.1H0 C188HLX0.1HR C188LTX0.1H0 C188LTX0.1HR C188PNZ0.1H0 C188PNZ0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/08

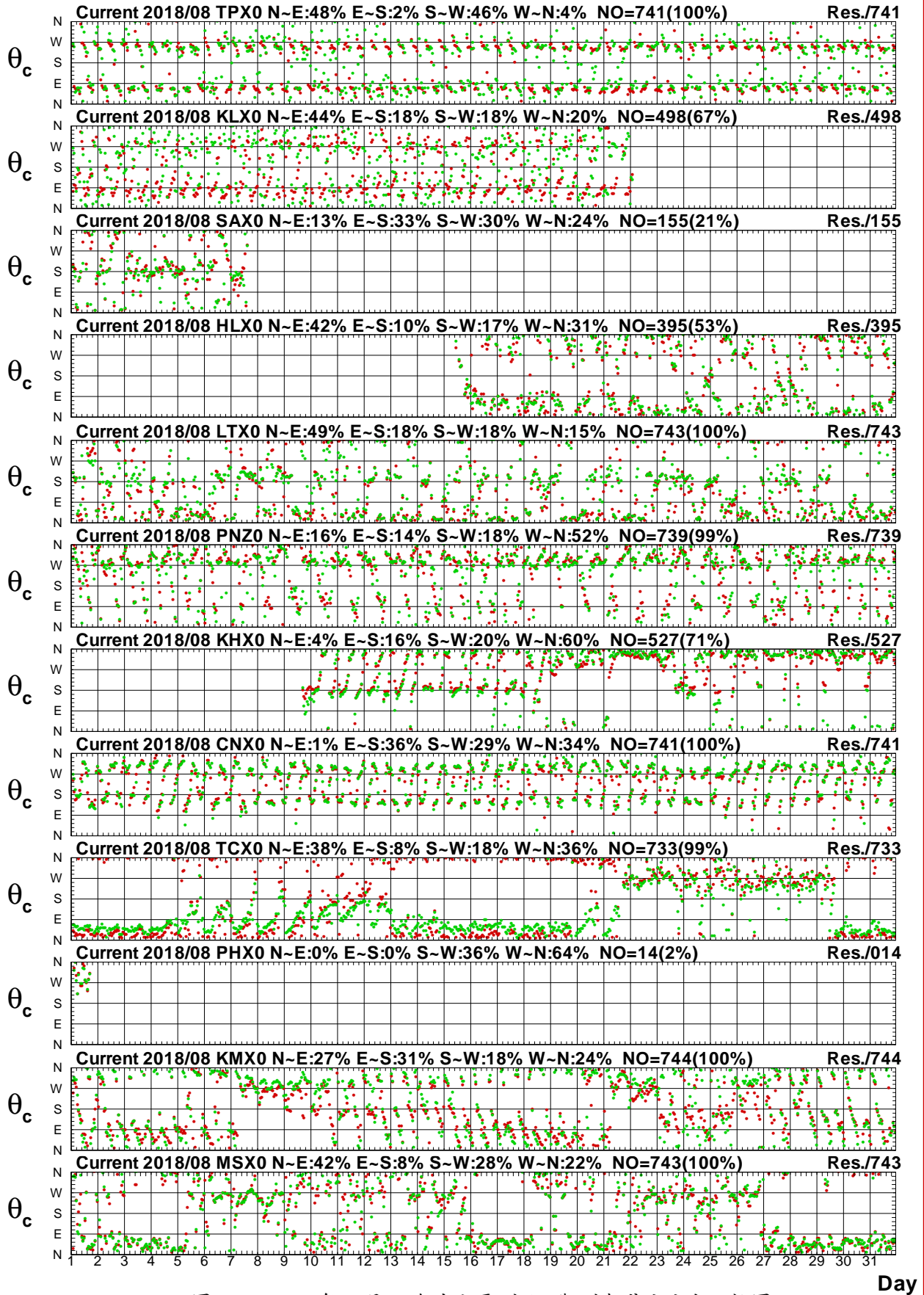


圖3.9d 2018年8月12海域主要測站1觀測與殘流流向比較圖

C188TPX0.1H0 C188TPX0.1HR C188KLX0.1H0 C188KLX0.1HR C188SAX0.1H0 C188SAX0.1HR
 C188HLX0.1H0 C188HLX0.1HR C188LTX0.1H0 C188LTX0.1HR C188PNZ0.1H0 C188PNZ0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/09

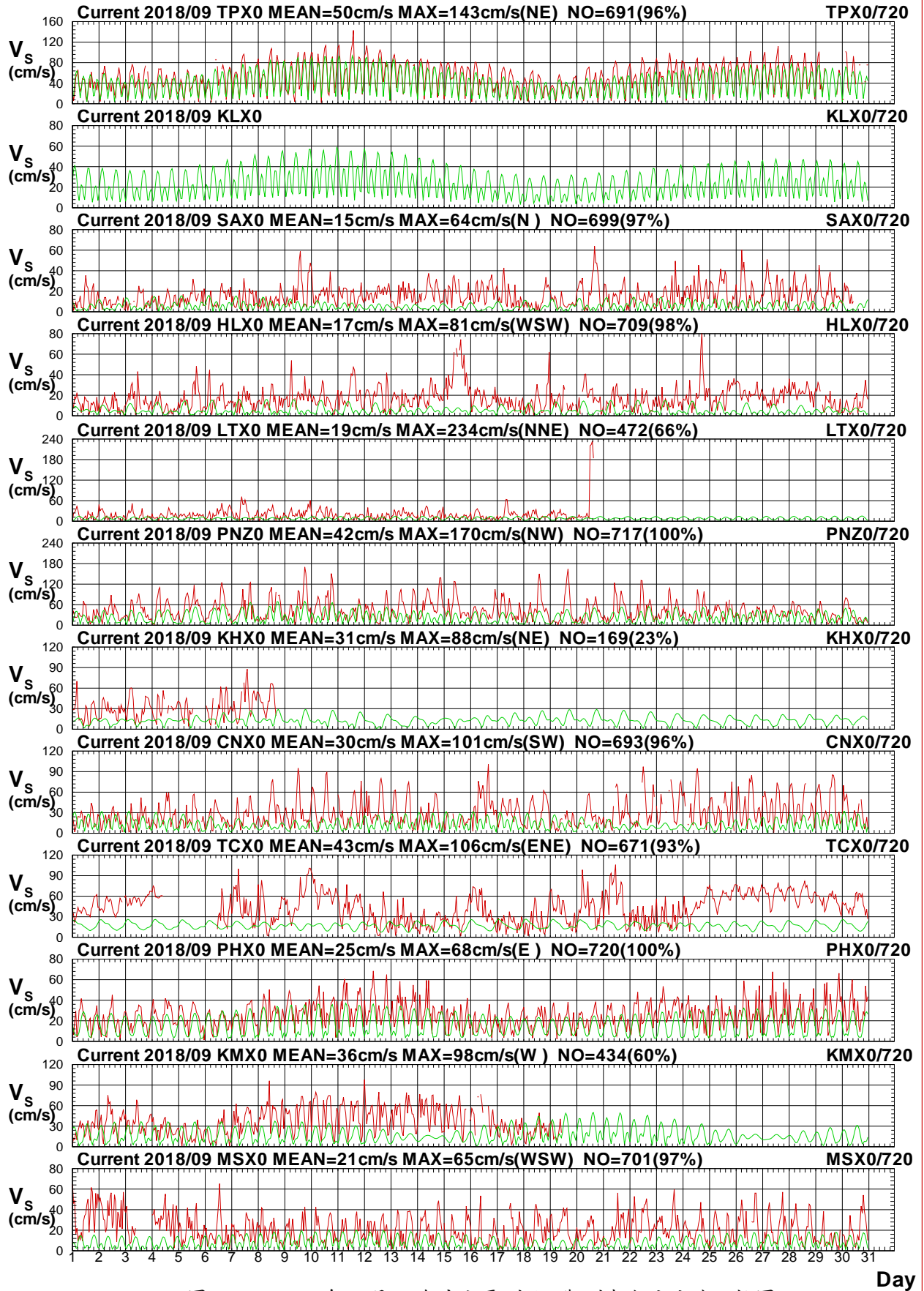


圖3.10a 2018年9月12海域主要測站1觀測與潮流流速比較圖

C189TPX0.1HD C189TPX0.1HD C189KLX0.1HD C189KLX0.1HD C189SAX0.1HD C189SAX0.1HD
 C189HLX0.1HD C189HLX0.1HD C189LTX0.1HD C189LTX0.1HD C189PNZ0.1HD C189PNZ0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/09

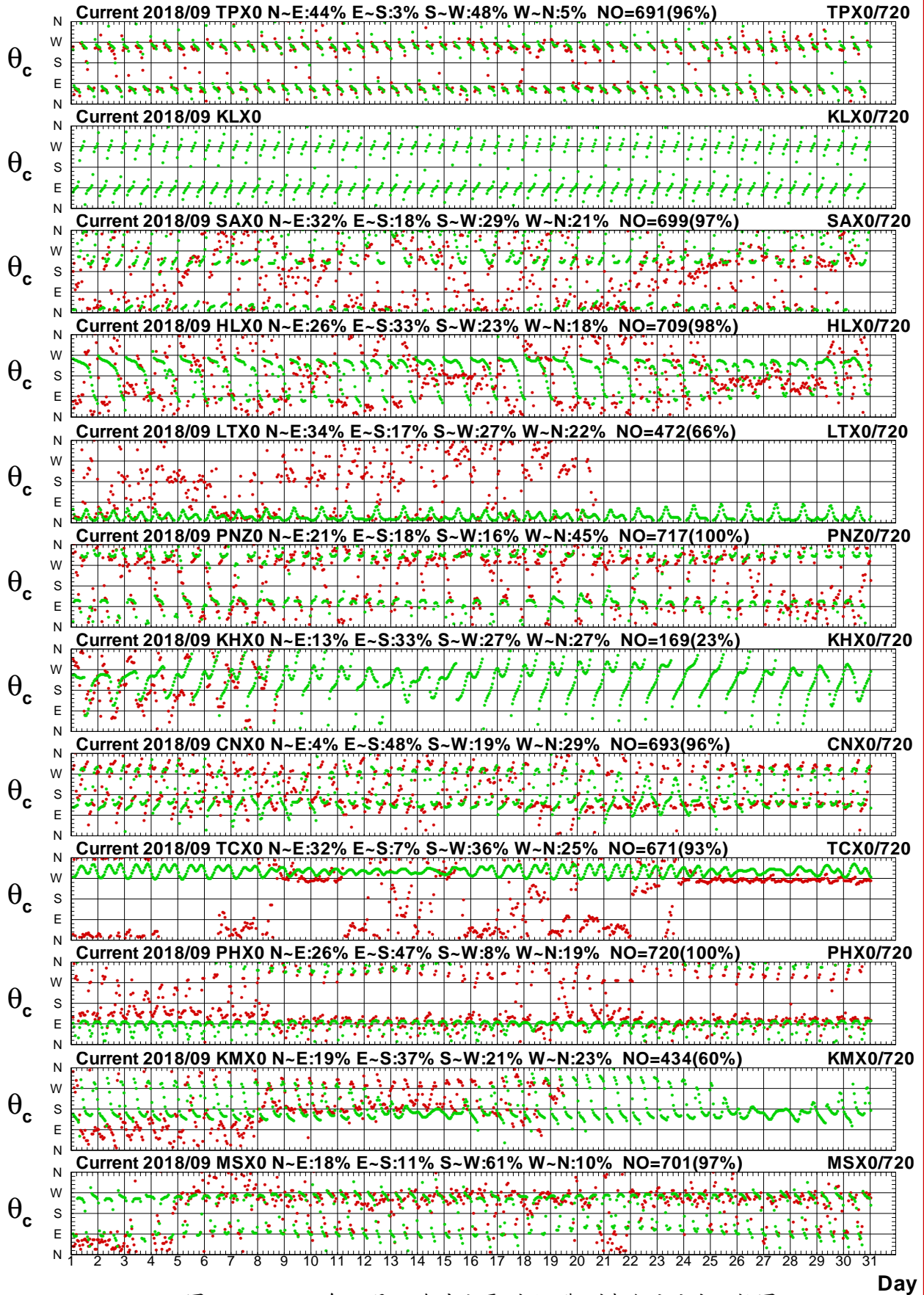


圖3.10b 2018年9月12海域主要測站1觀測與潮流流向比較圖

C189TPX0.1HD C189TPX0.1HD C189KLX0.1HD C189KLX0.1HD C189SAX0.1HD C189SAX0.1HD
 C189HLX0.1HD C189HLX0.1HD C189LTX0.1HD C189LTX0.1HD C189PNZ0.1HD C189PNZ0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/09

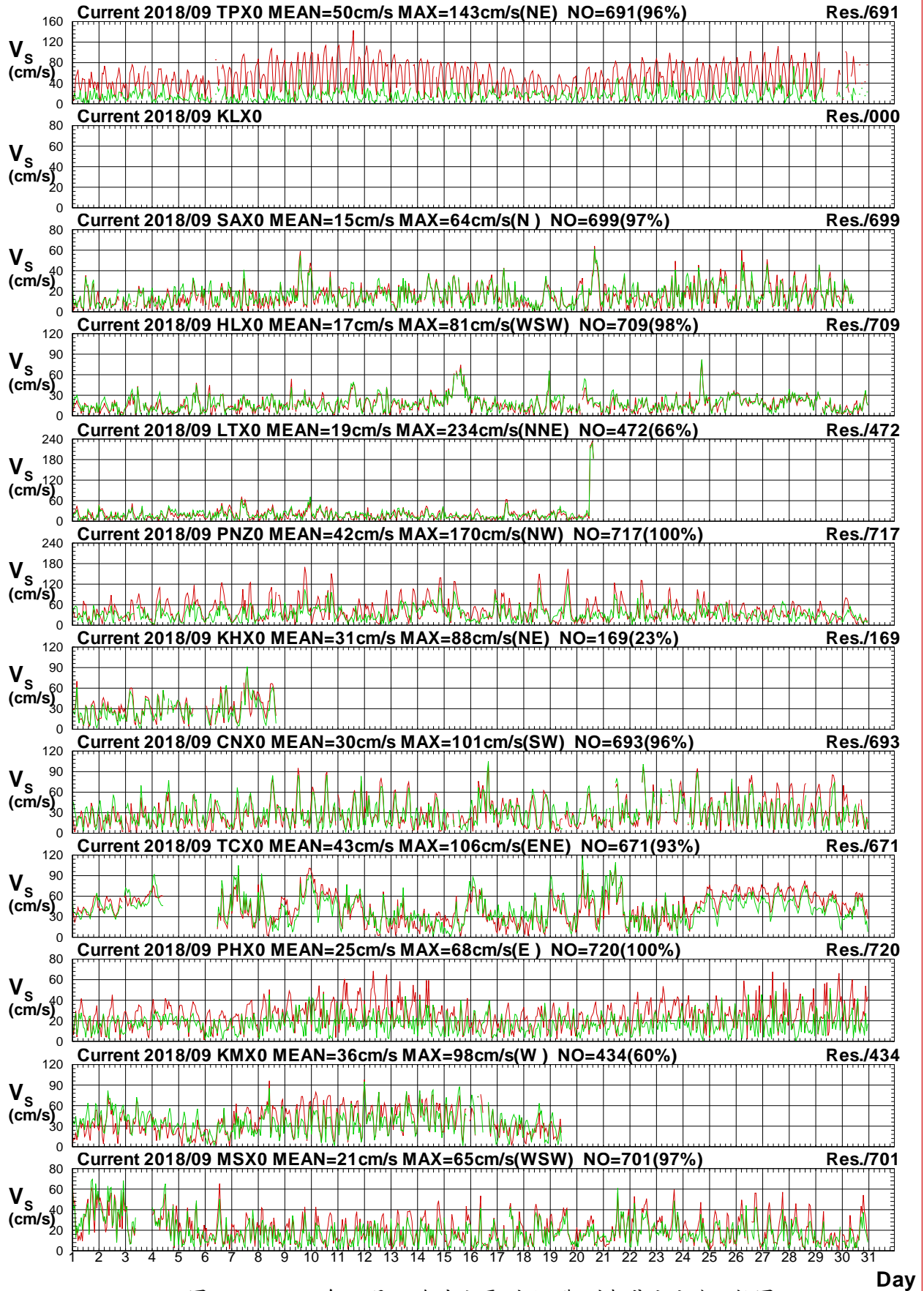


圖3.10c 2018年9月12海域主要測站1觀測與殘流流速比較圖

C189TPX0.1H0 C189TPX0.1HR C189KLX0.1H0 C189KLX0.1HR C189SAX0.1H0 C189SAX0.1HR
 C189HLX0.1H0 C189HLX0.1HR C189LTX0.1H0 C189LTX0.1HR C189PNZ0.1H0 C189PNZ0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/09

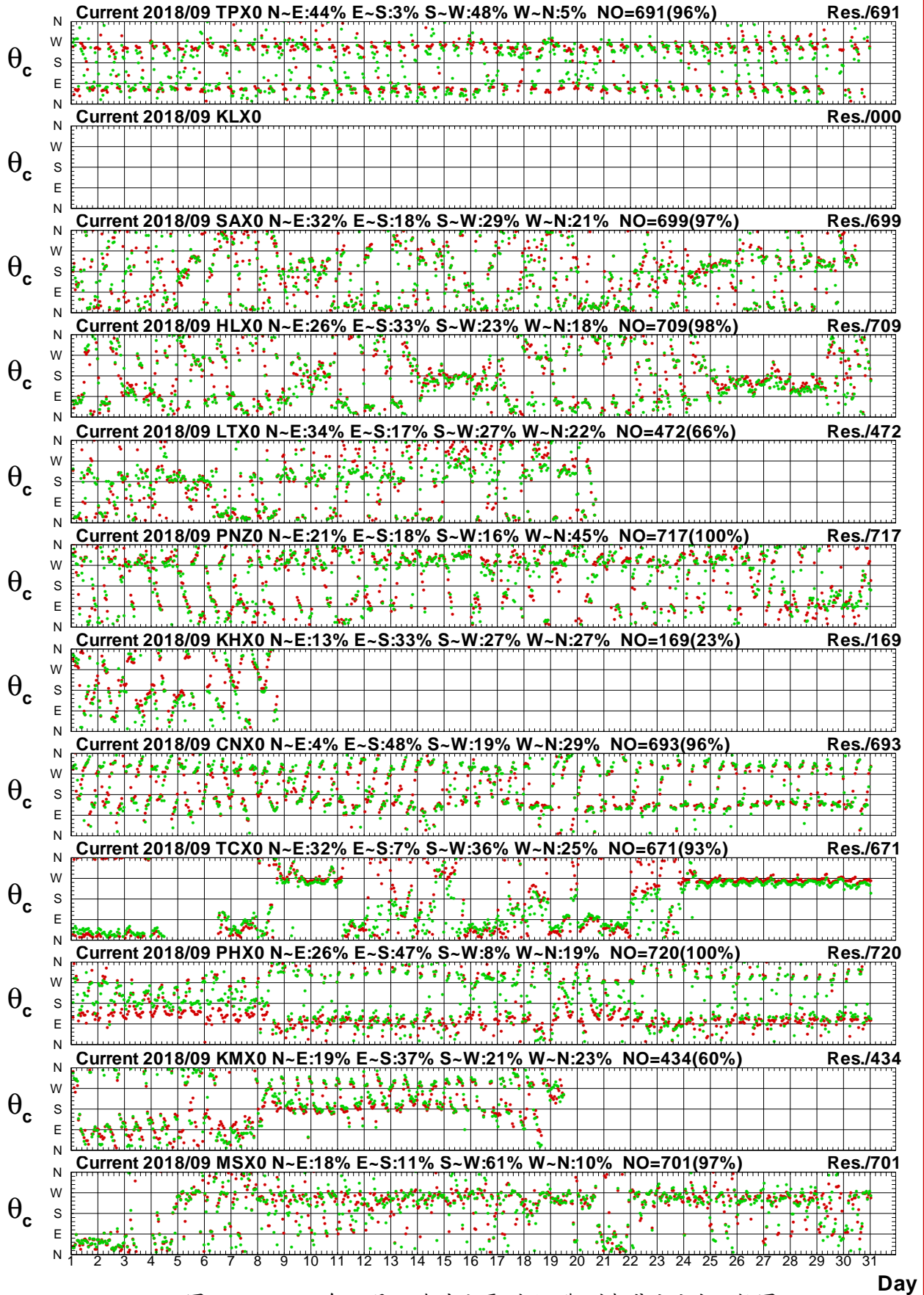


圖3.10d 2018年9月12海域主要測站1觀測與殘流流向比較圖

C189TPX0.1HO C189TPX0.1HR C189KLX0.1HO C189KLX0.1HR C189SAX0.1HO C189SAX0.1HR
 C189HLX0.1HO C189HLX0.1HR C189LTX0.1HO C189LTX0.1HR C189PNZ0.1HO C189PNZ0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/10

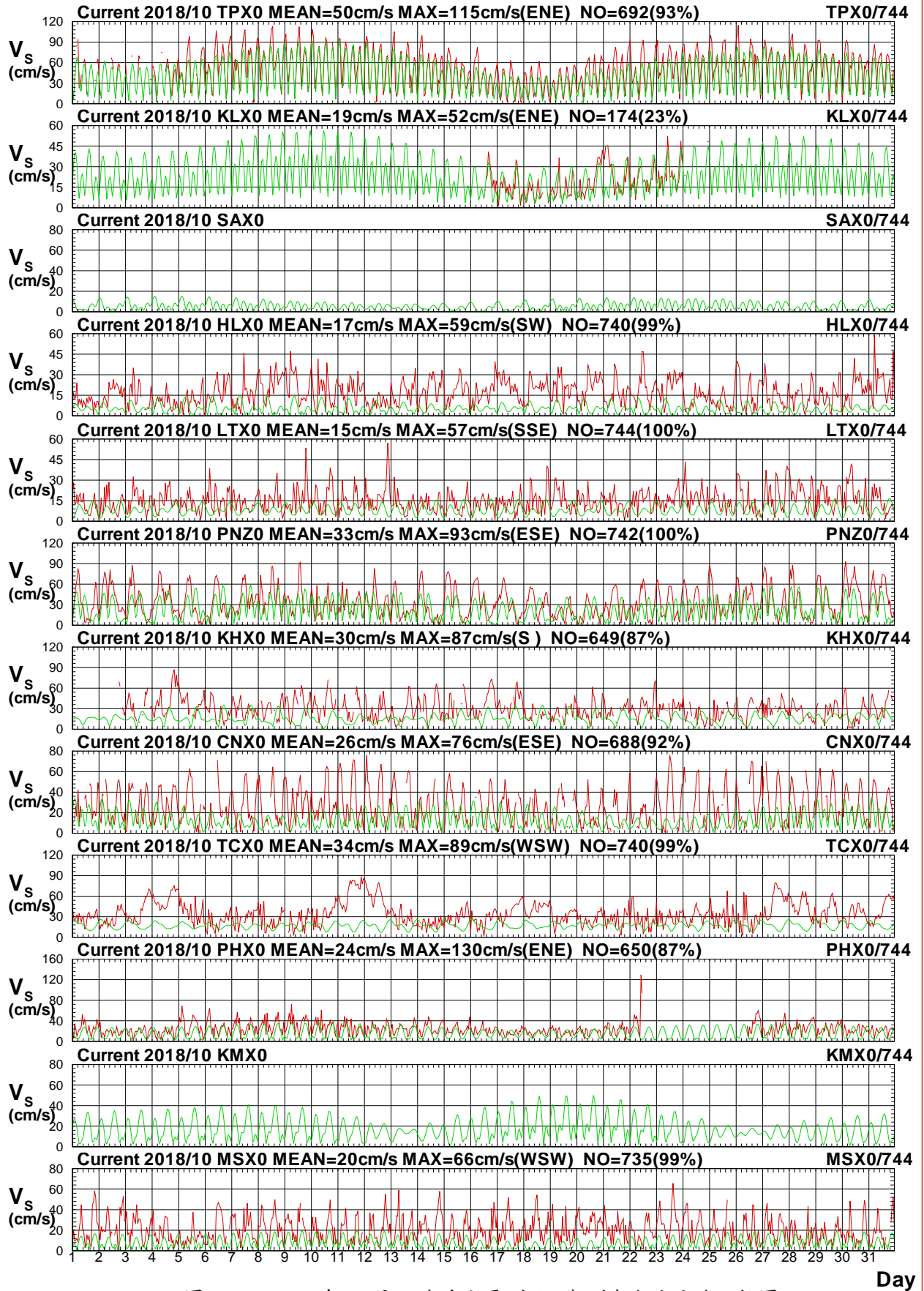


圖3.11a 2018年10月12海域主要測站1觀測與潮流流速比較圖

C18ATPX0.1H0 C18ATPX0.1HD C18AKLX0.1H0 C18AKLX0.1HD C18ASAX0.1H0 C18ASAX0.1HD
 C18AHLX0.1H0 C18AHLX0.1HD C18ALTX0.1H0 C18ALTX0.1HD C18APNZ0.1H0 C18APNZ0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/10

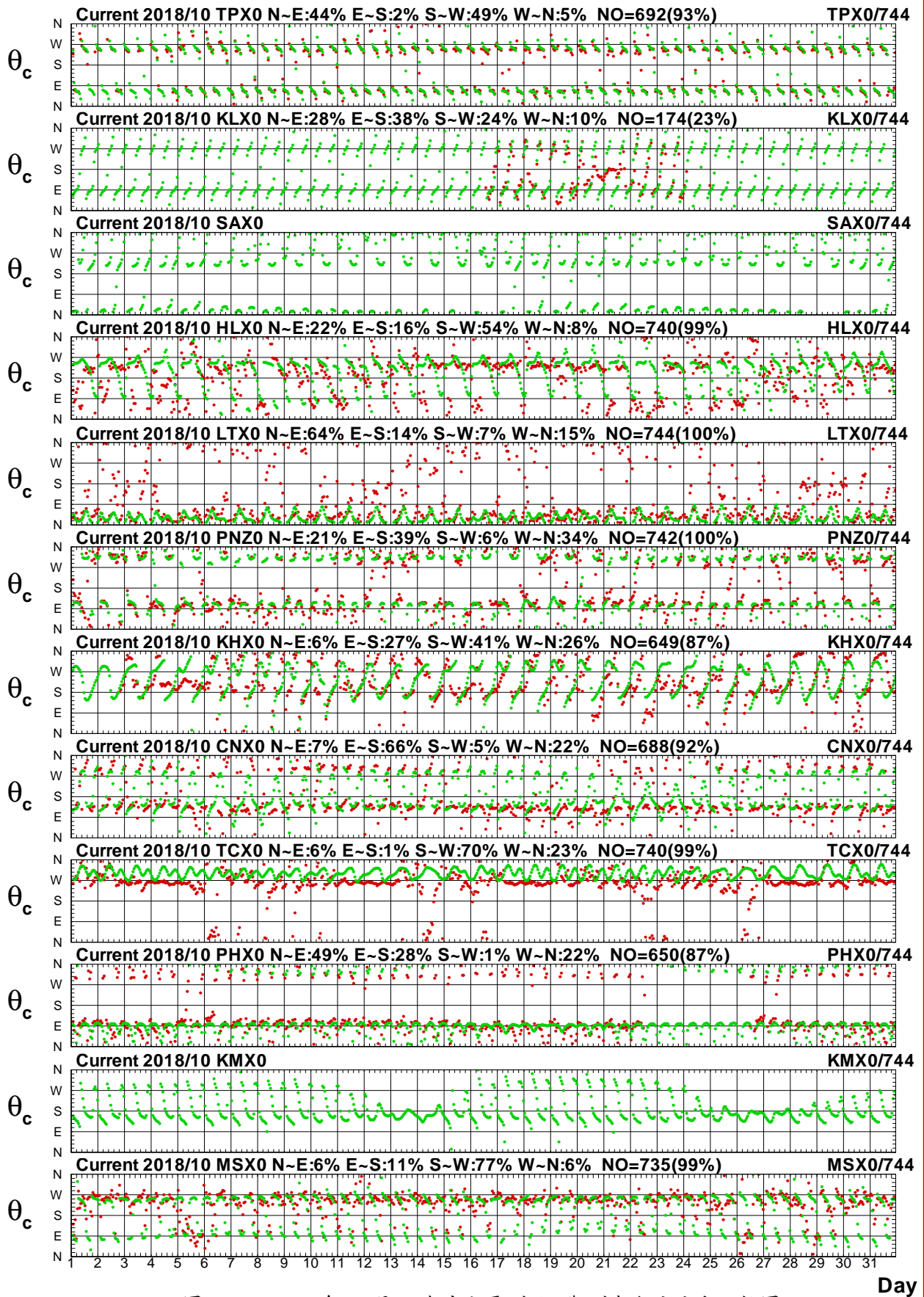


圖3.11b 2018年10月12海域主要測站1觀測與潮流流向比較圖

C18ATPX0.1HD C18ATPX0.1HD C18AKLX0.1HD C18AKLX0.1HD C18ASAX0.1HD C18ASAX0.1HD
 C18AHLX0.1HD C18AHLX0.1HD C18ALTX0.1HD C18ALTX0.1HD C18APNZ0.1HD C18APNZ0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/10

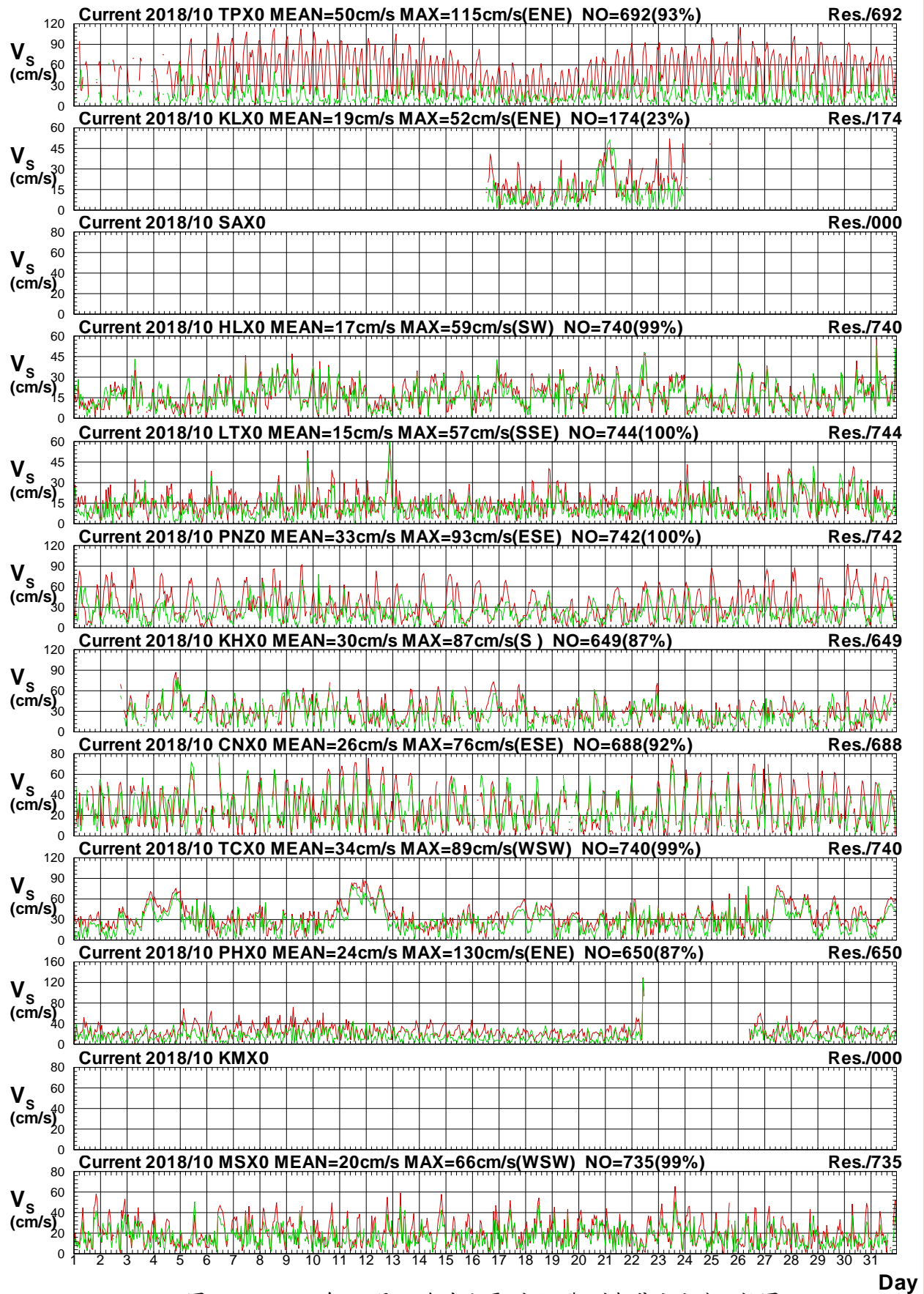


圖3.11c 2018年10月12海域主要測站1觀測與殘流流速比較圖

C18ATPX0.1H0 C18ATPX0.1HR C18AKLX0.1H0 C18AKLX0.1HR C18ASAX0.1H0 C18ASAX0.1HR
 C18AHLX0.1H0 C18AHLX0.1HR C18ALTX0.1H0 C18ALTX0.1HR C18APNZ0.1H0 C18APNZ0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/10

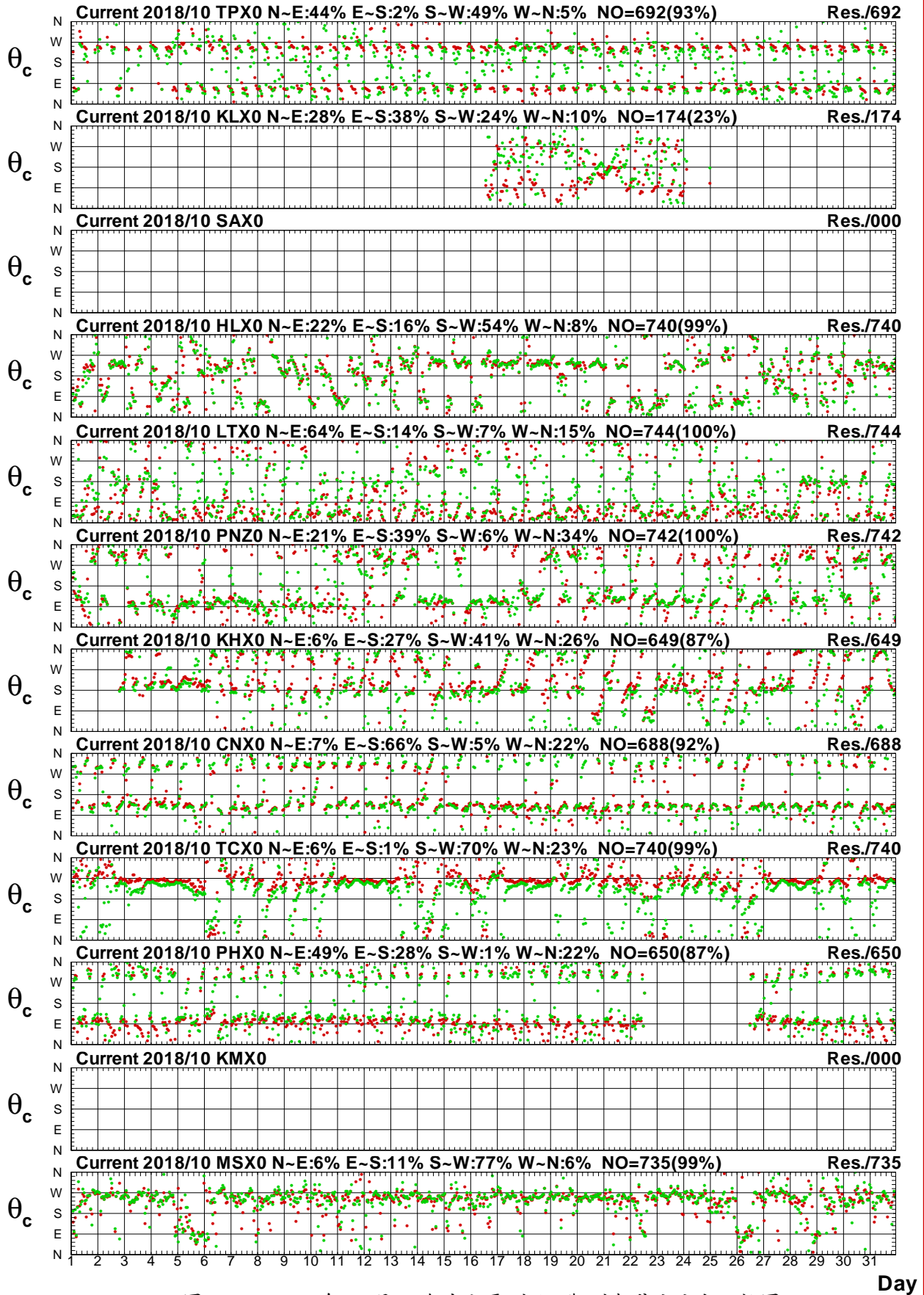


圖3.11d 2018年10月12海域主要測站1觀測與殘流流向比較圖

C18ATPX0.1HO C18ATPX0.1HR C18AKLX0.1HO C18AKLX0.1HR C18ASAX0.1HO C18ASAX0.1HR
 C18AHLX0.1HO C18AHLX0.1HR C18ALTX0.1HO C18ALTX0.1HR C18APNZ0.1HO C18APNZ0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/11

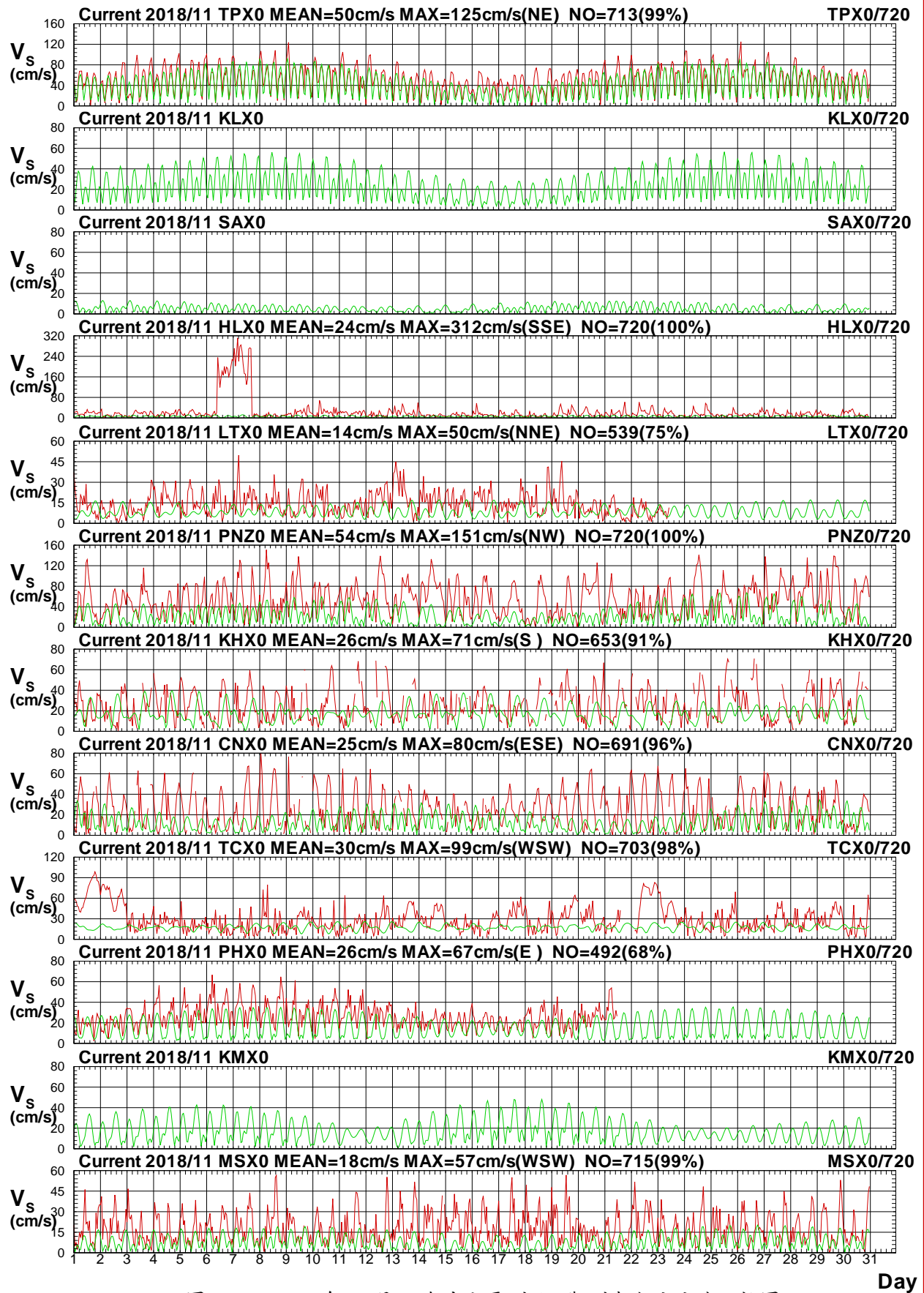


圖3.12a 2018年11月12海域主要測站1觀測與潮流流速比較圖

C18BTPX0.1H0 C18BTPX0.1HD C18BKXL0.1H0 C18BKXL0.1HD C18BSAX0.1H0 C18BSAX0.1HD
 C18BHLX0.1H0 C18BHLX0.1HD C18BLTX0.1H0 C18BLTX0.1HD C18BPNZ0.1H0 C18BPNZ0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/11

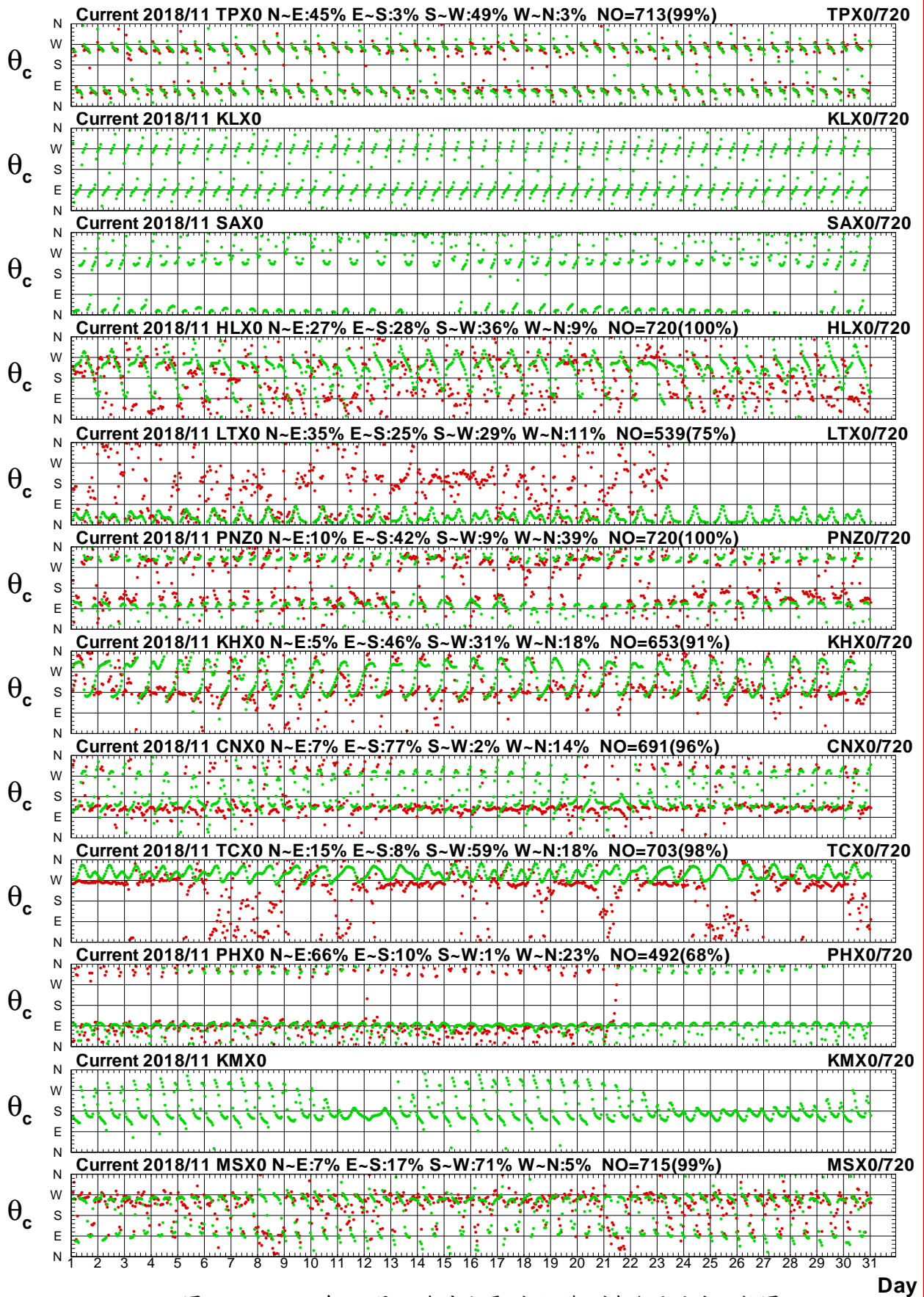


圖3.12b 2018年11月12海域主要測站1觀測與潮流流向比較圖

C18BTPX0.1HD C18BTPX0.1HD C18BKLX0.1HD C18BKLX0.1HD C18BSAX0.1HD C18BSAX0.1HD
 C18BHLX0.1HD C18BHLX0.1HD C18BLTX0.1HD C18BLTX0.1HD C18BPNZ0.1HD C18BPNZ0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/11

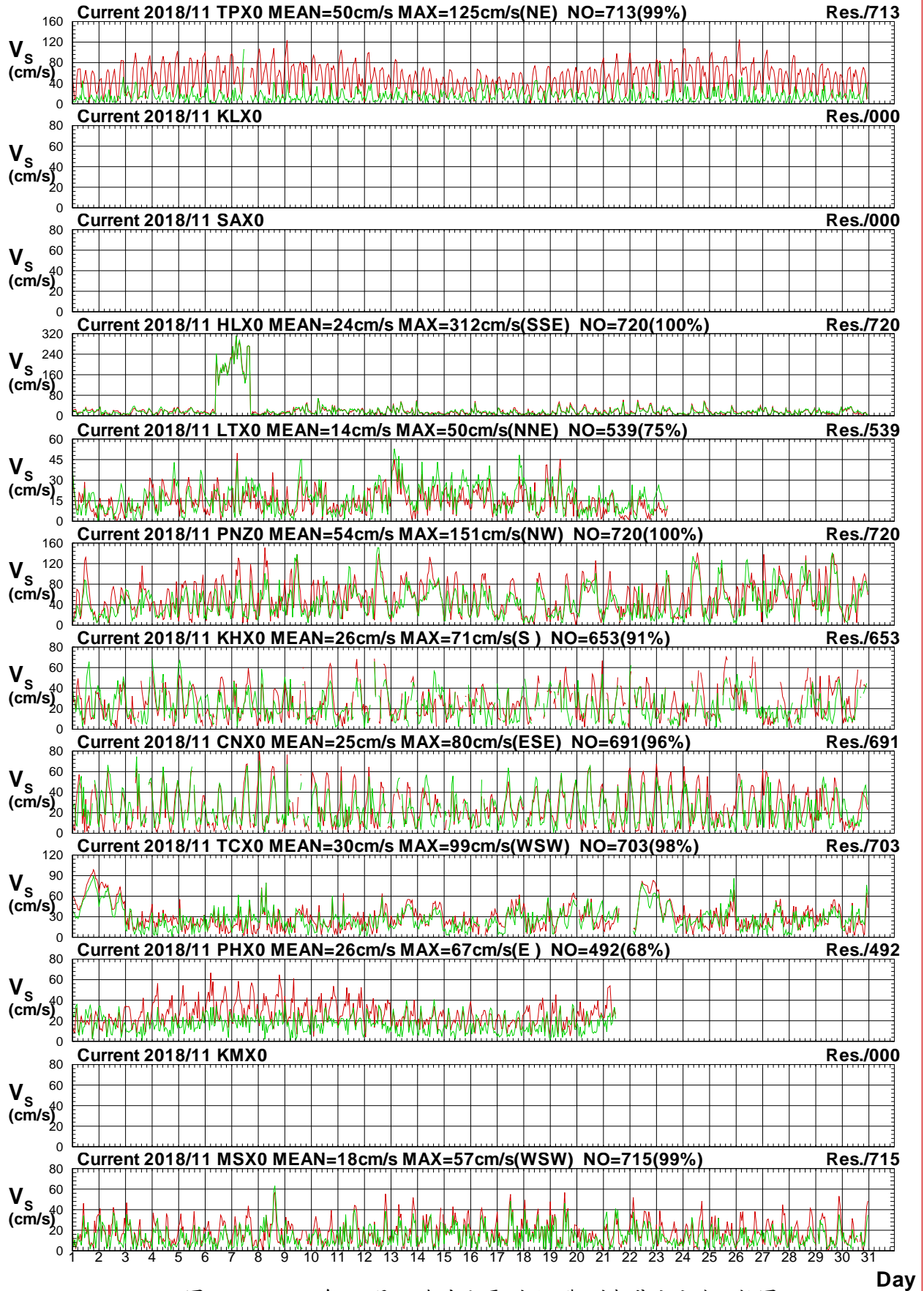


圖3.12c 2018年11月12海域主要測站1觀測與殘流流速比較圖

C18BTPX0.1H0 C18BTPX0.1HR C18BKLX0.1H0 C18BKLX0.1HR C18BSAX0.1H0 C18BSAX0.1HR
 C18BHLX0.1H0 C18BHLX0.1HR C18BLTX0.1H0 C18BLTX0.1HR C18BPNZ0.1H0 C18BPNZ0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/11

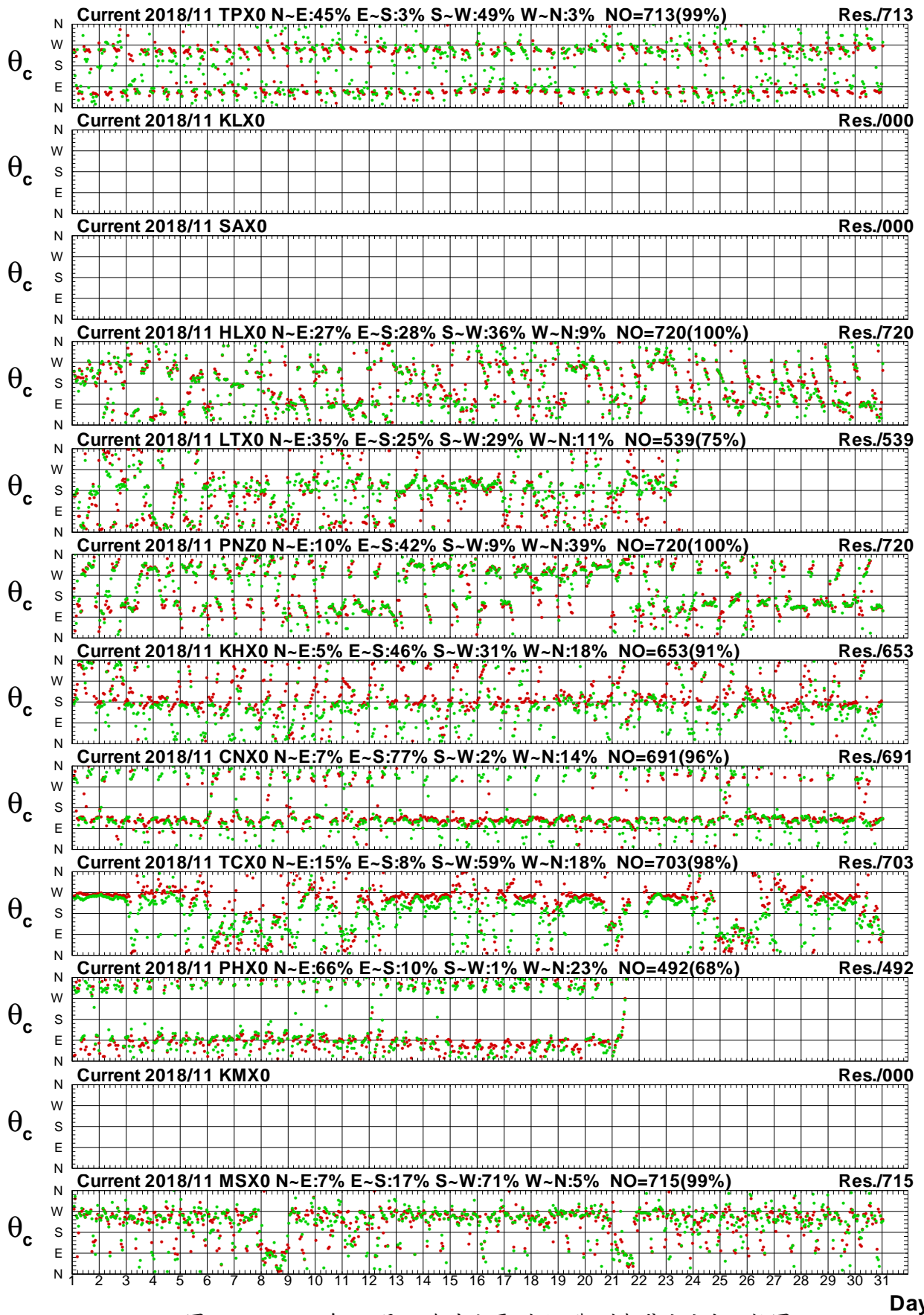


圖3.12d 2018年11月12海域主要測站1觀測與殘流流向比較圖

C18BTPX0.1H0 C18BTPX0.1HR C18BKLX0.1H0 C18BKLX0.1HR C18BSAX0.1H0 C18BSAX0.1HR
 C18BHLX0.1H0 C18BHLX0.1HR C18BLTX0.1H0 C18BLTX0.1HR C18BPNZ0.1H0 C18BPNZ0.1HR

Institute of Harbor & Marine Technology

第四章 2018 年 12 海域海流主要觀測站 1 每月向量分佈及行進圖

(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 Current Vectors

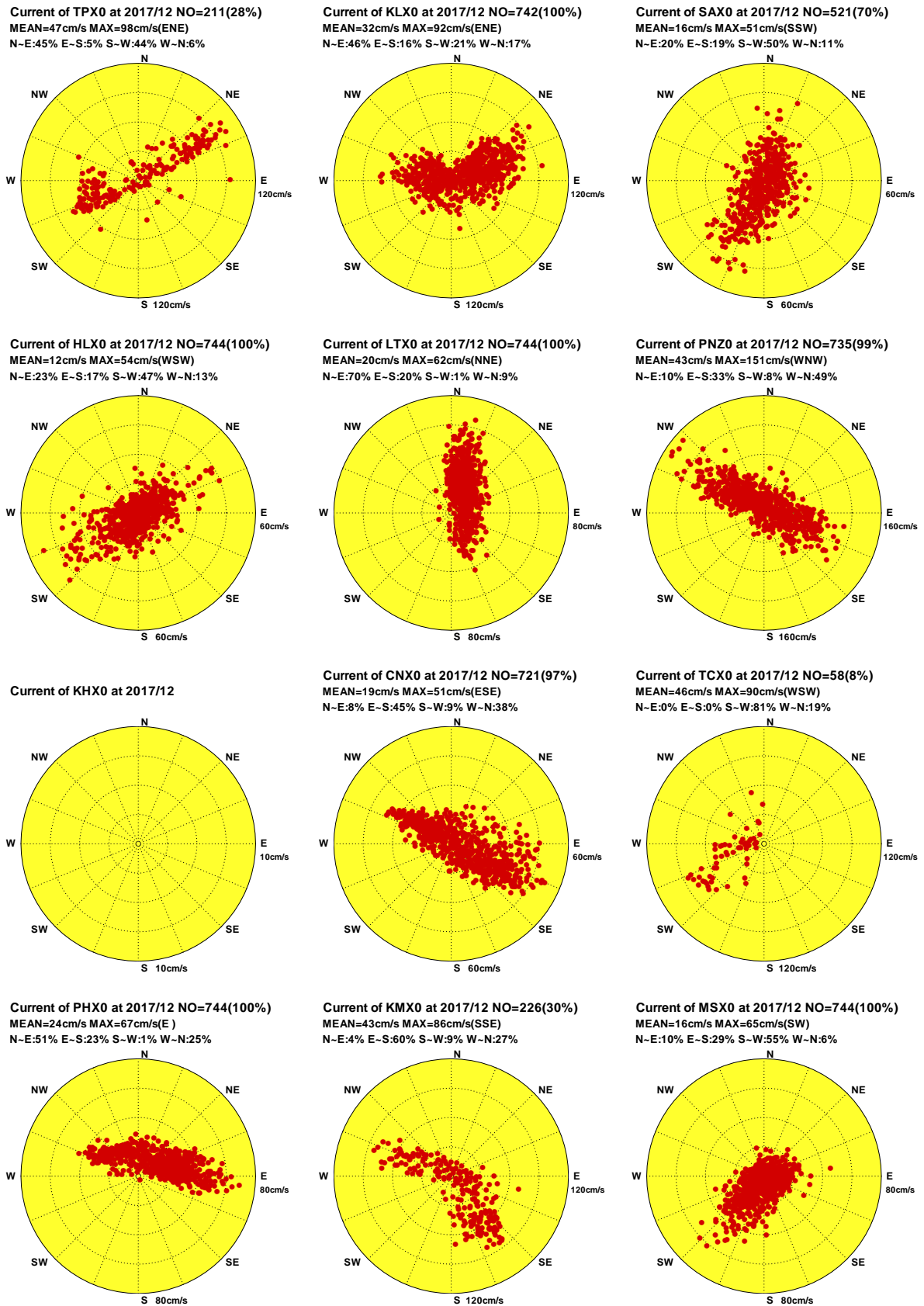


圖4.1a 2018年12月12海域主要測站1觀測海流向量分佈圖

C17CTPX0.1H0 C17CKLX0.1H0 C17CSAX0.1H0 C17CHLX0.1H0 C17CLTX0.1H0 C17CPNZ0.1H0
 C17CKHX0.1H0 C17CCNX0.1H0 C17CTCX0.1H0 C17CPHX0.1H0 C17CKMX0.1H0 C17CMSX0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

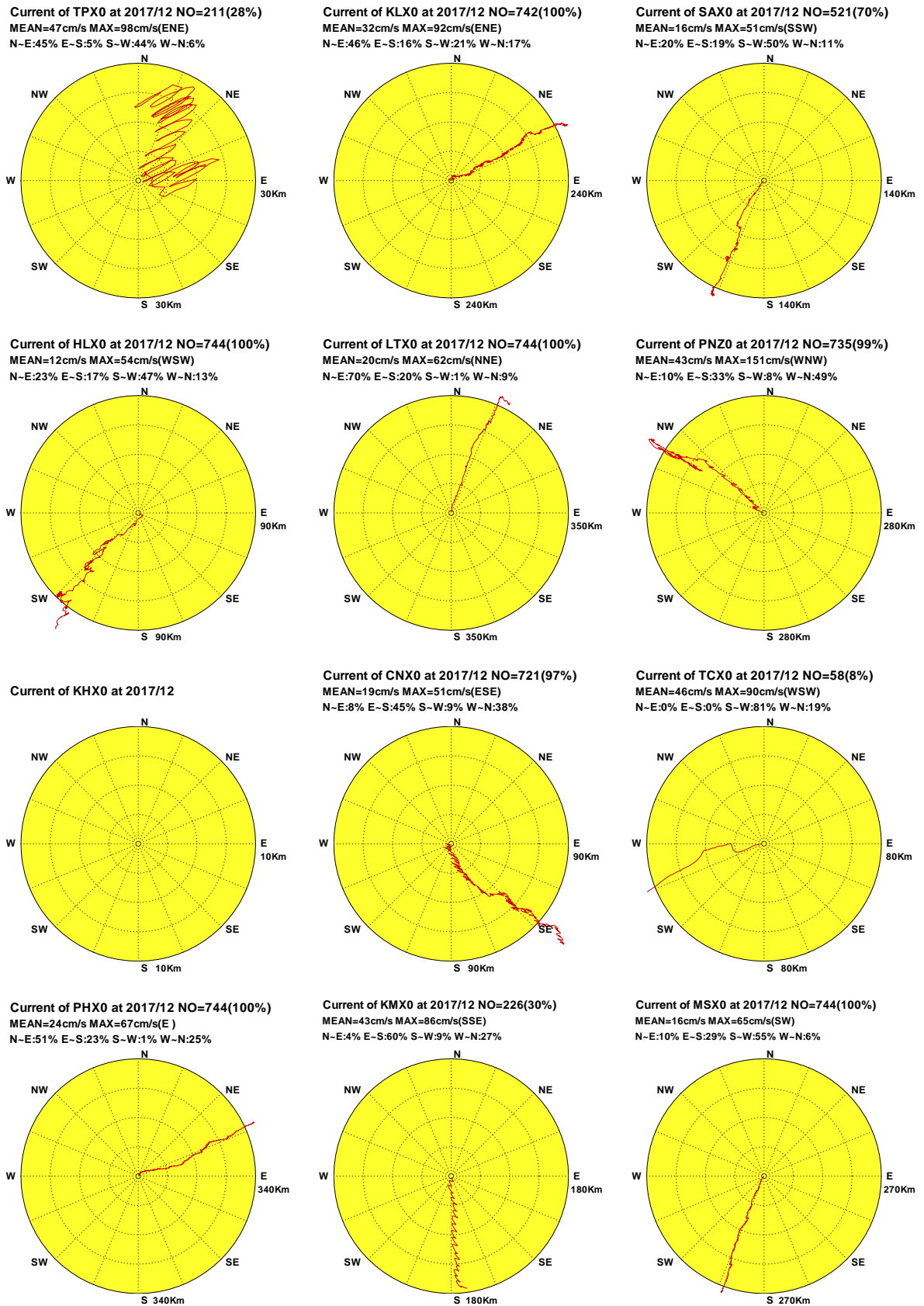


圖4.1b 2018年12月12海域主要測站1觀測海流向量行進圖

C17CTPX0.1H0 C17CKLX0.1H0 C17CSAX0.1H0 C17CHLX0.1H0 C17CLTX0.1H0 C17CPNZ0.1H0
 C17CKHX0.1H0 C17CCNX0.1H0 C17CTCX0.1H0 C17CPHX0.1H0 C17CKMX0.1H0 C17CMSX0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

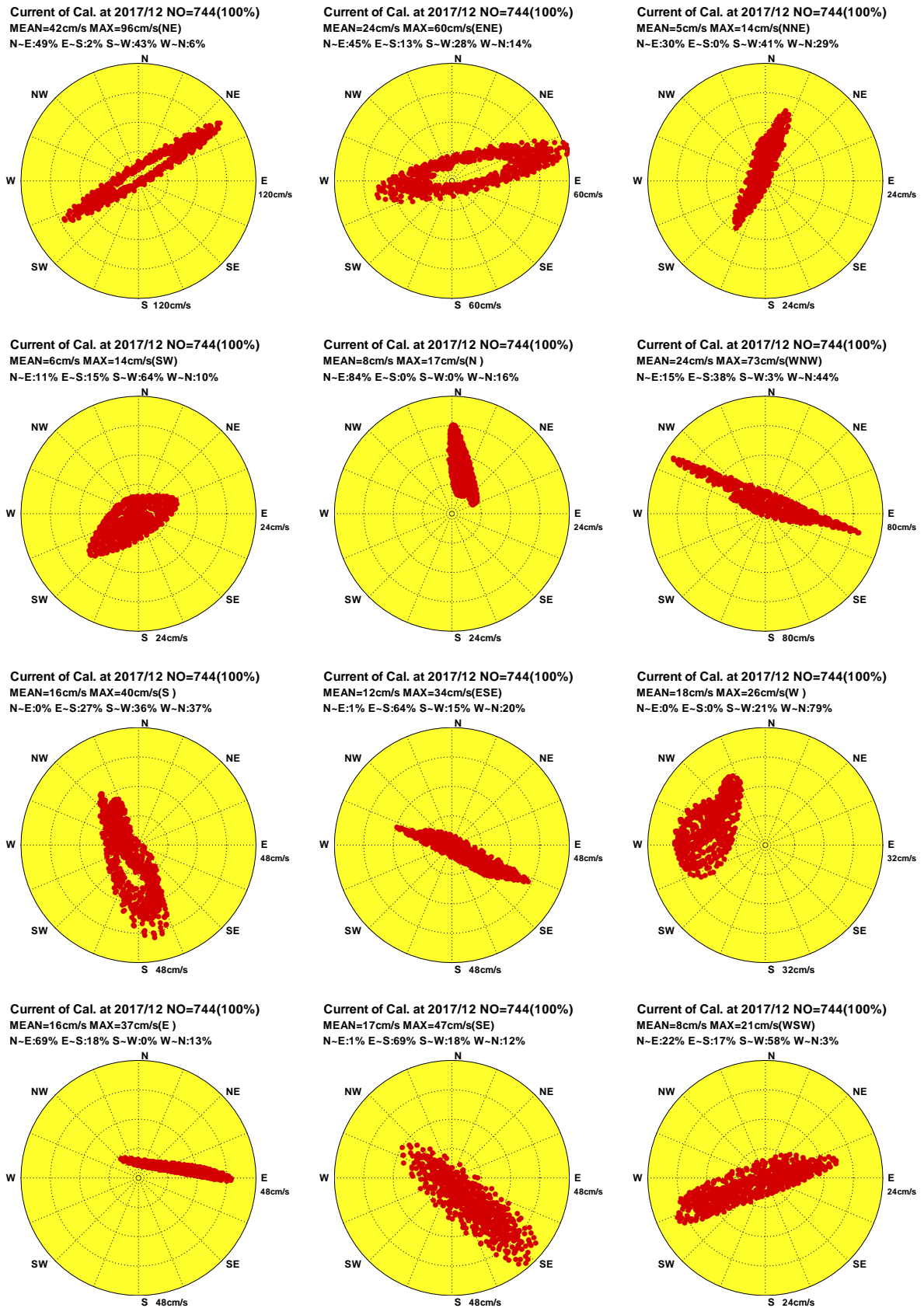


圖4.1c 2018年12月12海域主要測站1計算潮流向量分佈圖

C17CTPX0.1HD C17CKLX0.1HD C17CSAX0.1HD C17CHLX0.1HD C17CLTX0.1HD C17CPNZ0.1HD
 C17CKHX0.1HD C17CCNX0.1HD C17CTCX0.1HD C17CPHX0.1HD C17CKMX0.1HD C17CMSX0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

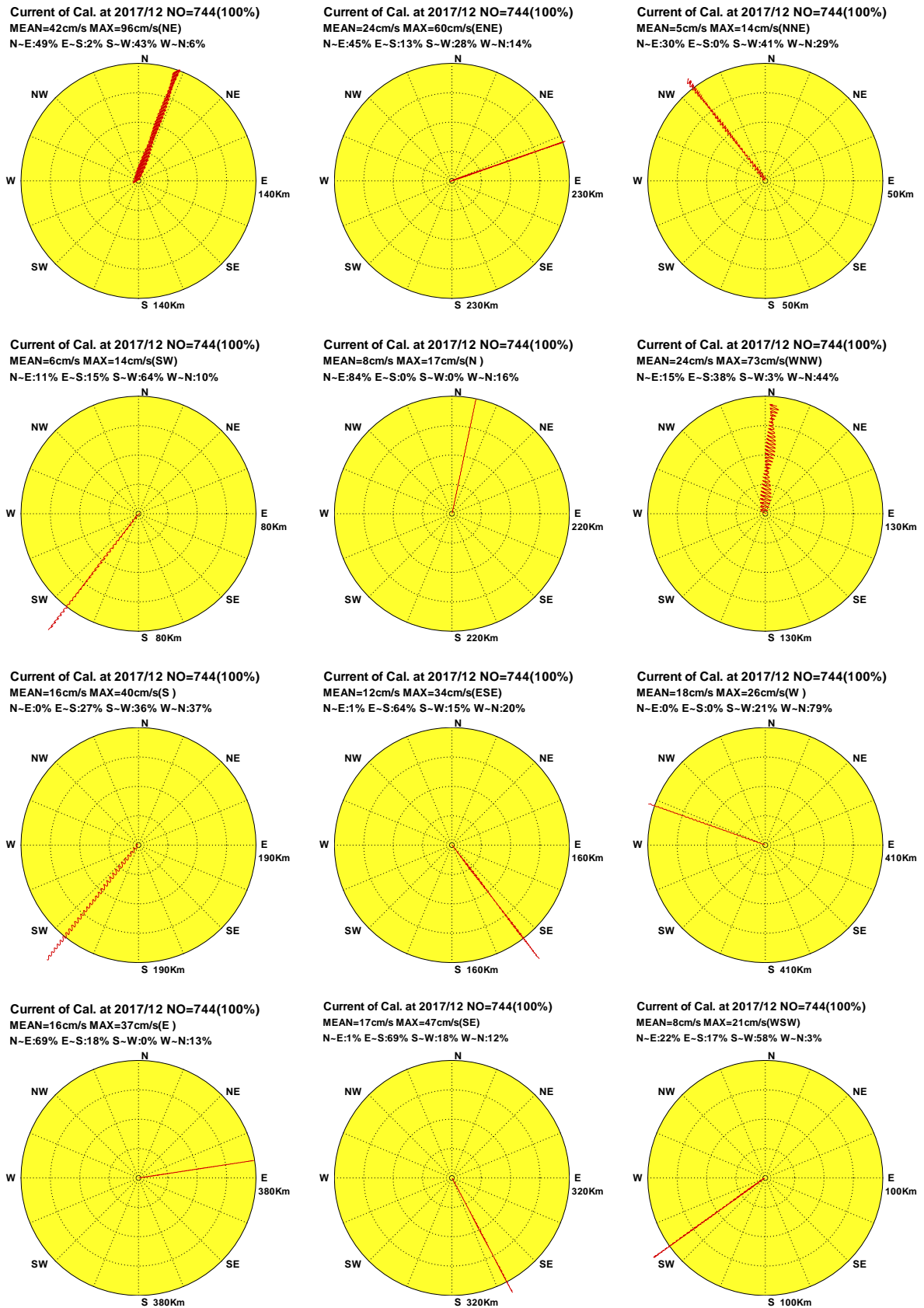


圖4.1d 2018年12月12海域主要測站1計算潮流向量行進圖

C17CTPX0.1HD C17CKLX0.1HD C17CSAX0.1HD C17CHLX0.1HD C17CLTX0.1HD C17CPNZ0.1HD
C17CKHX0.1HD C17CCNX0.1HD C17CTCX0.1HD C17CPHX0.1HD C17CKMX0.1HD C17CMSX0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

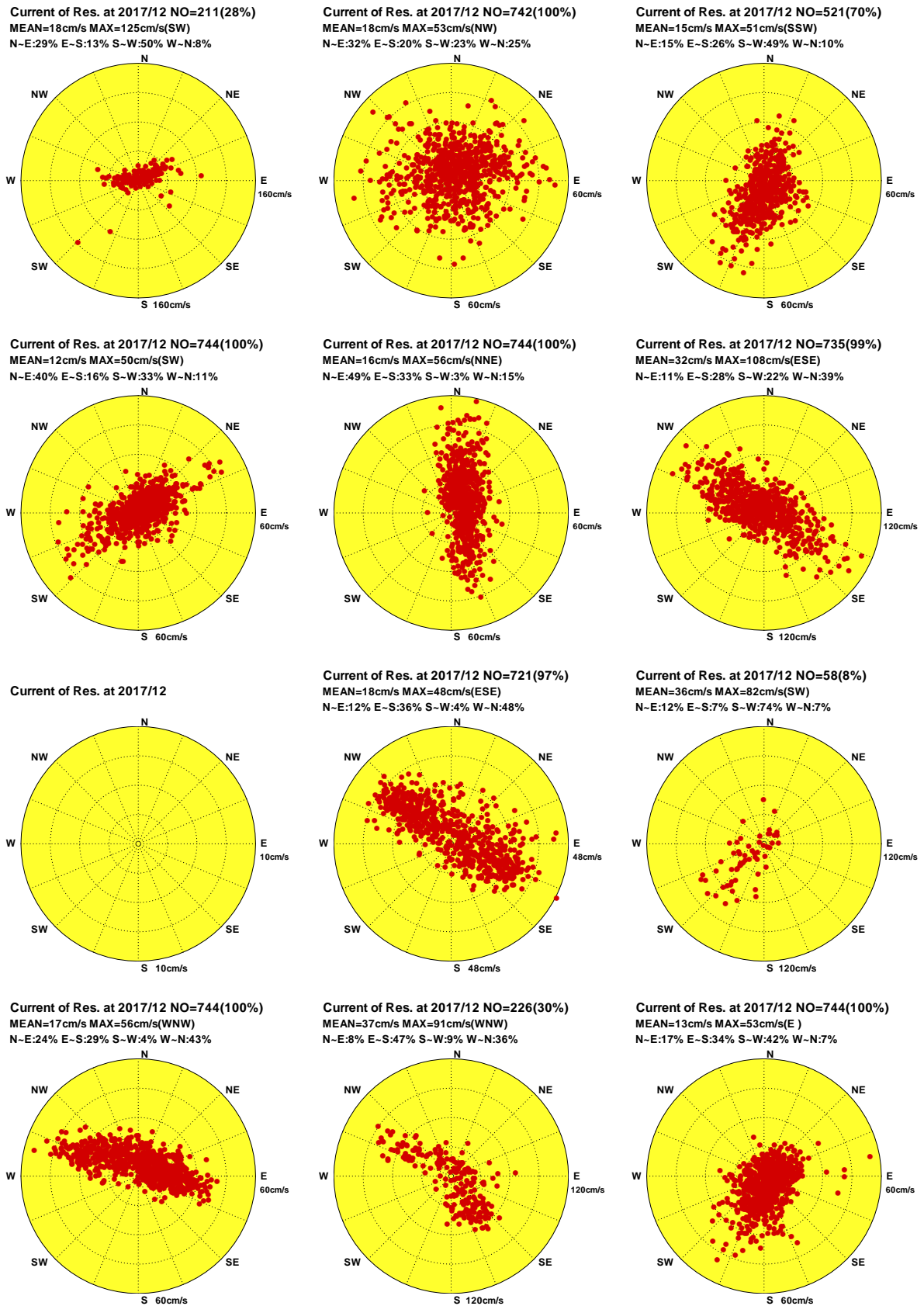


圖4.1e 2018年12月12海域主要測站1計算殘流向量分佈圖

C17CTPX0.1HR C17CKLX0.1HR C17CSAX0.1HR C17CHLX0.1HR C17CLTX0.1HR C17CPNZ0.1HR
 C17CKHX0.1HR C17CCNX0.1HR C17CTCX0.1HR C17CPHX0.1HR C17CKMX0.1HR C17CMSX0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

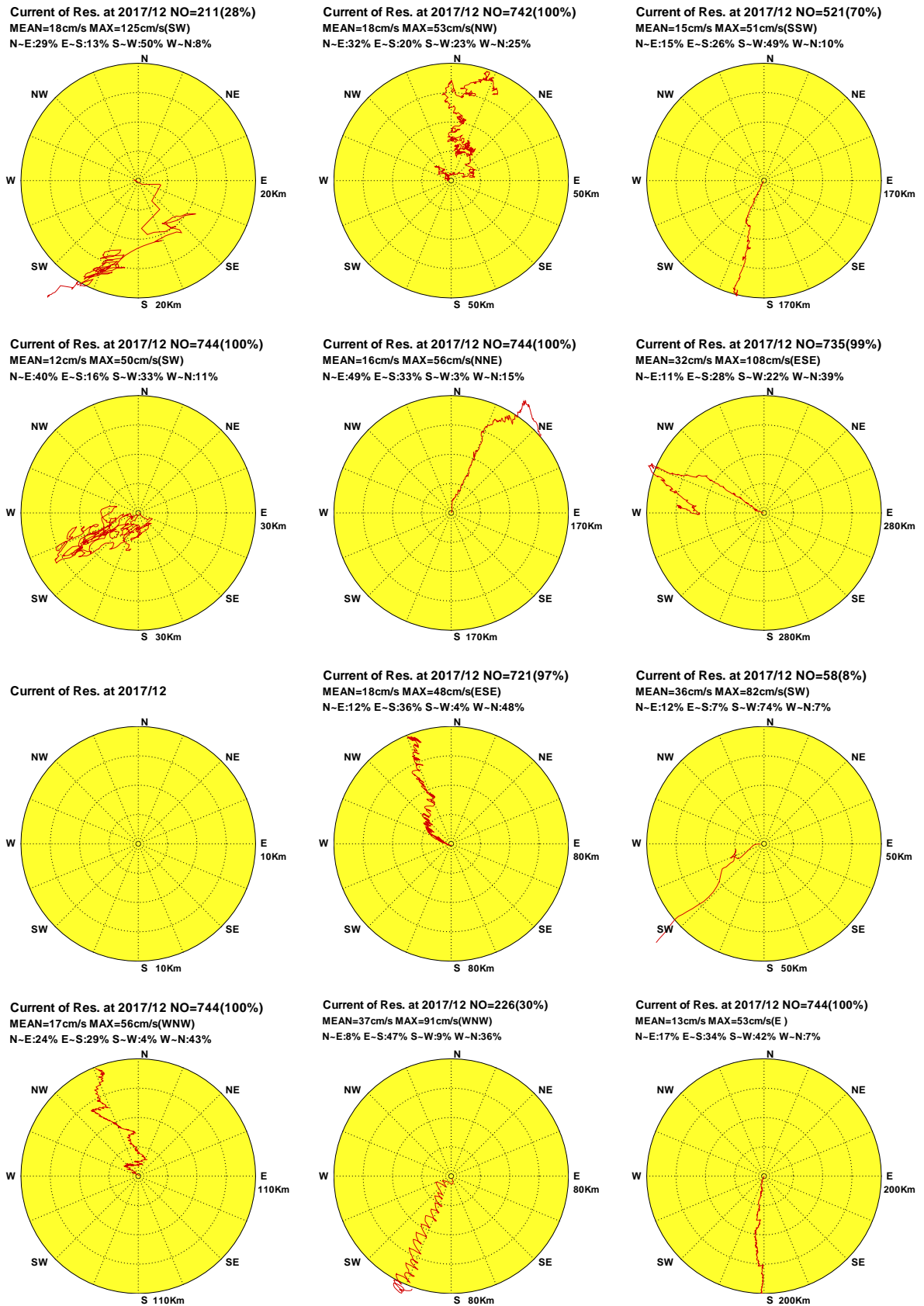


圖4.1f 2018年12月12海域主要測站1計算殘流向量行進圖

C17CTPX0.1HR C17CKLX0.1HR C17CSAX0.1HR C17CHLX0.1HR C17CLTX0.1HR C17CPNZ0.1HR
C17CKHX0.1HR C17CCNX0.1HR C17CTCX0.1HR C17CPHX0.1HR C17CKMX0.1HR C17CMSX0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

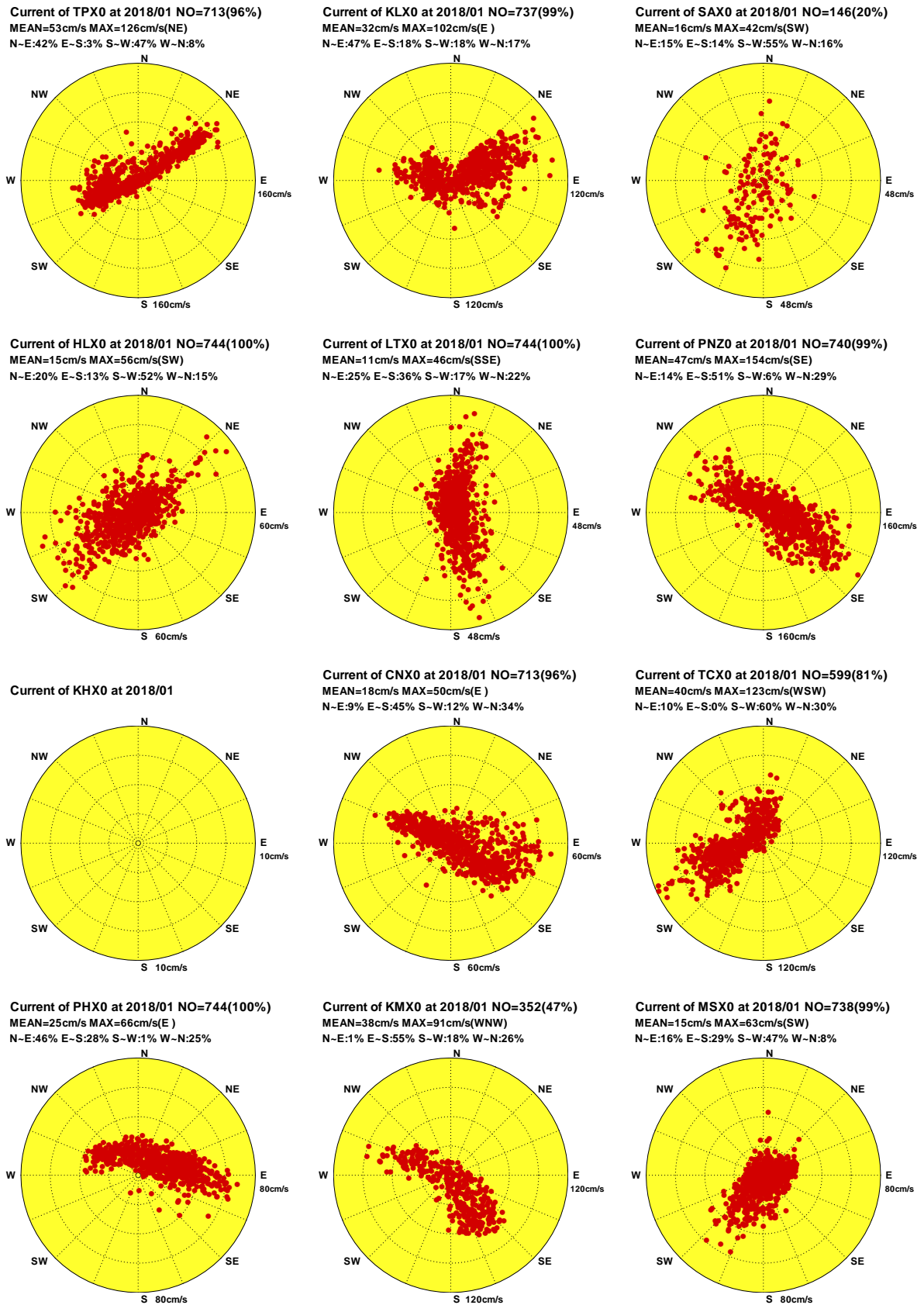


圖4.2a 2018年1月12海域主要測站1觀測海流向量分佈圖

C181TPX0.1H0 C181KLX0.1H0 C181SAX0.1H0 C181HLX0.1H0 C181LTX0.1H0 C181PNZ0.1H0
 C181KHX0.1H0 C181CNX0.1H0 C181TCX0.1H0 C181PHX0.1H0 C181KMX0.1H0 C181MSX0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

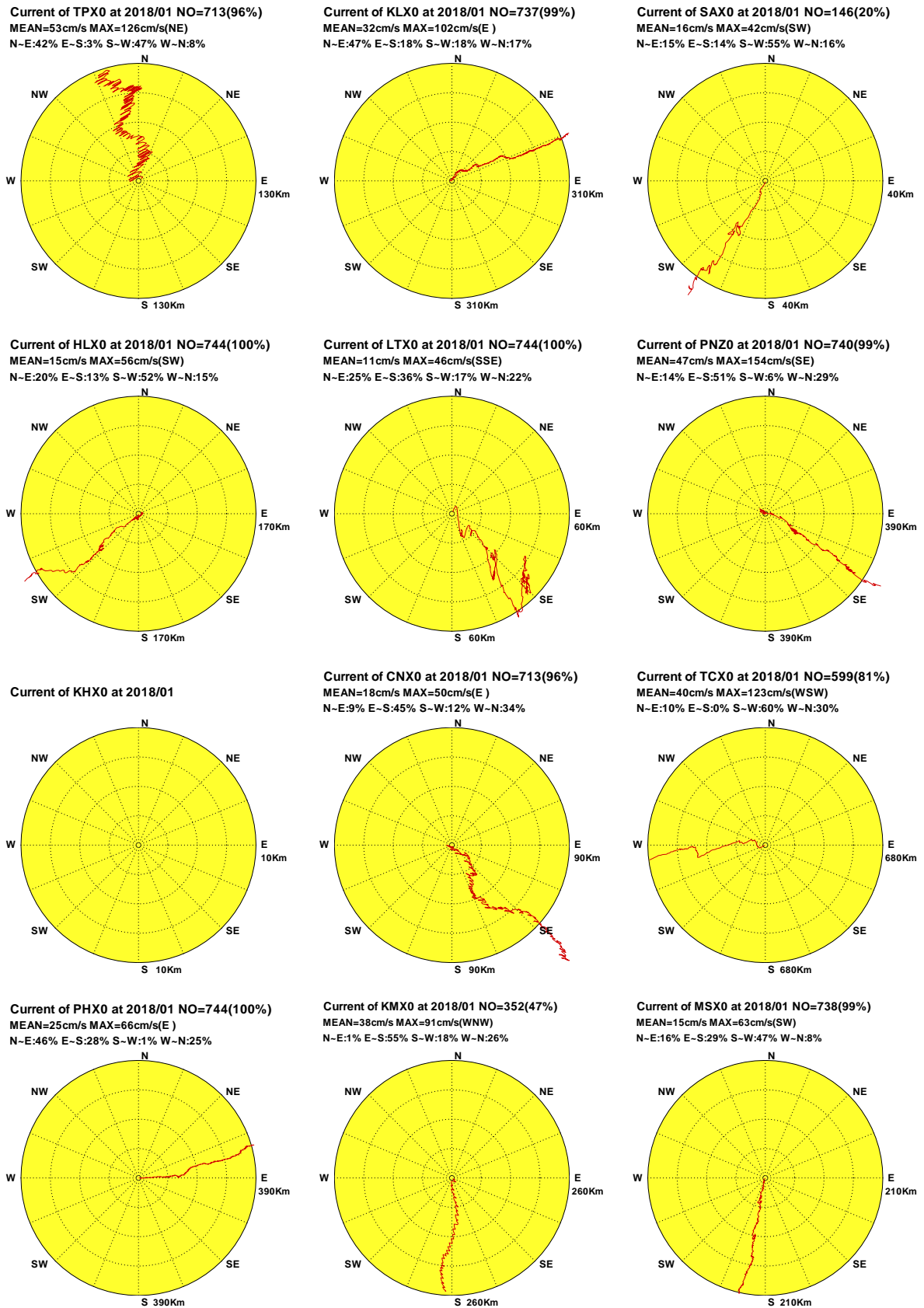


圖4.2b 2018年1月12海域主要測站1觀測海流向量行進圖

C181TPX0.1H0 C181KLX0.1H0 C181SAX0.1H0 C181HLX0.1H0 C181LTX0.1H0 C181PNZ0.1H0
 C181KHX0.1H0 C181CNX0.1H0 C181TCX0.1H0 C181PHX0.1H0 C181KMX0.1H0 C181MSX0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

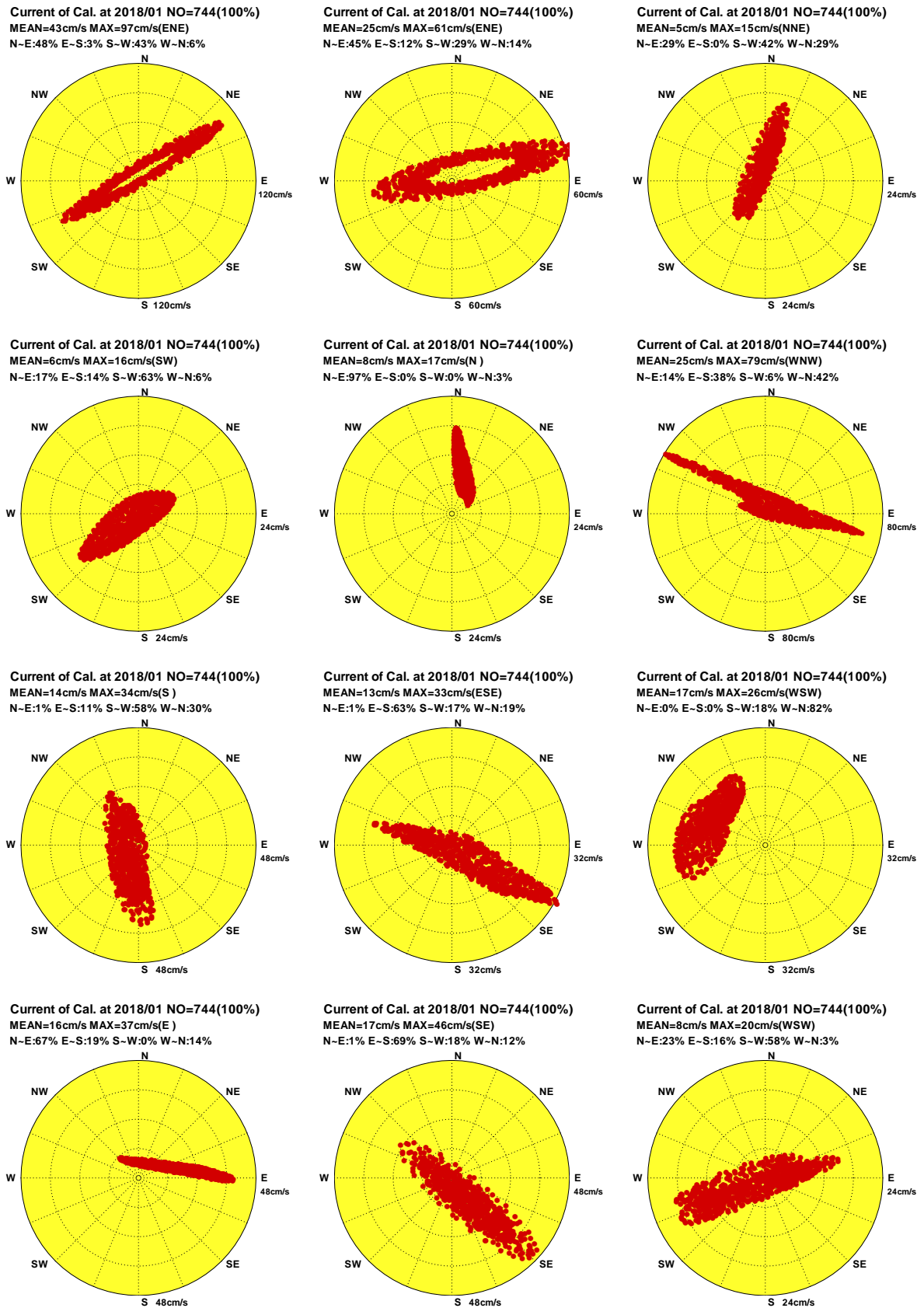


圖4.2c 2018年1月12海域主要測站1計算潮流向量分佈圖

C181TPX0.1HD C181KLX0.1HD C181SAX0.1HD C181HLX0.1HD C181LTX0.1HD C181PNZ0.1HD
 C181KHX0.1HD C181CNX0.1HD C181TCX0.1HD C181PHX0.1HD C181KMX0.1HD C181MSX0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

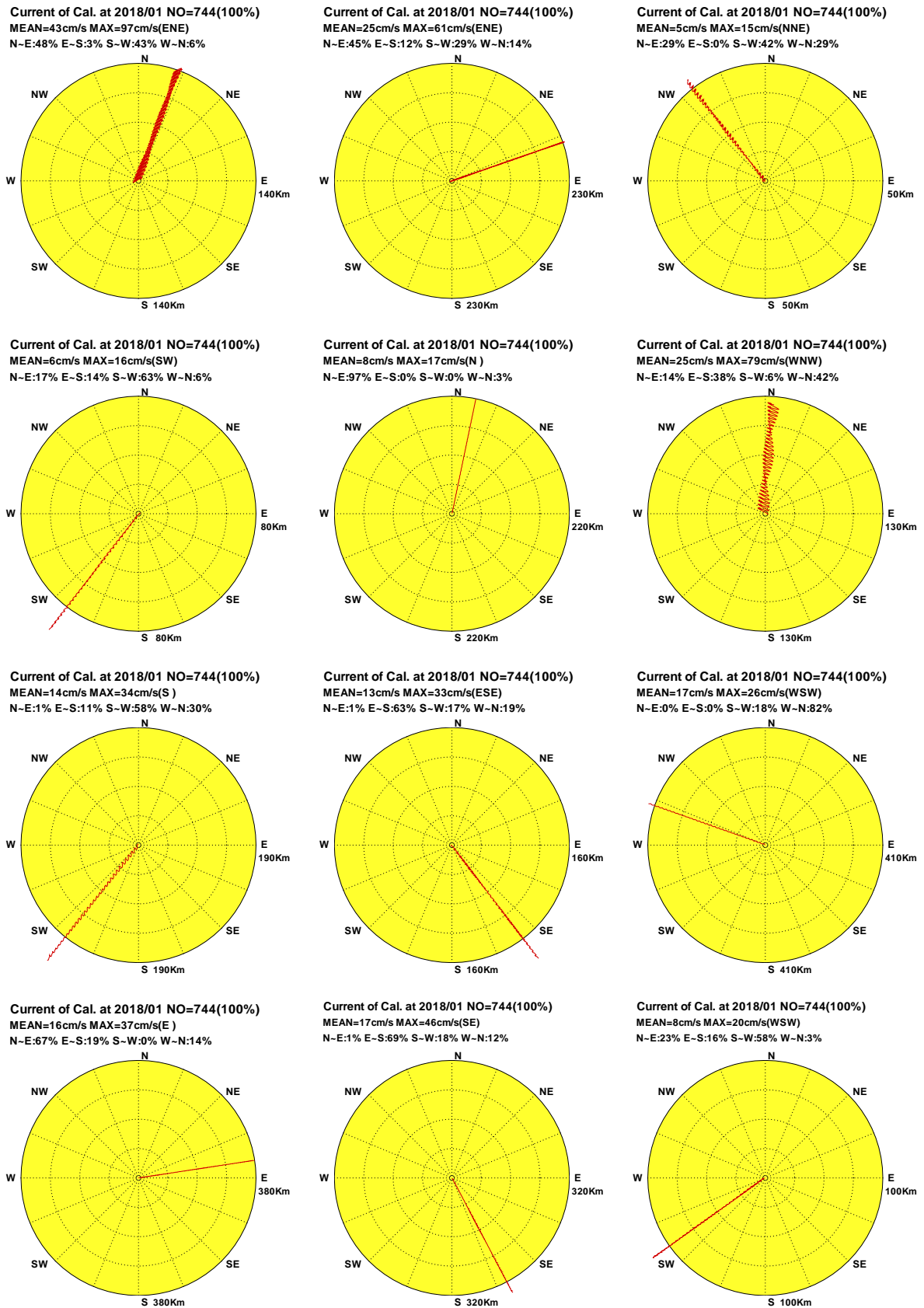


圖4.2d 2018年1月12海域主要測站1計算潮流向量行進圖

C181TPX0.1HD C181KLX0.1HD C181SAX0.1HD C181HLX0.1HD C181LTX0.1HD C181PNZ0.1HD
 C181KHX0.1HD C181CNX0.1HD C181TCX0.1HD C181PHX0.1HD C181KMX0.1HD C181MSX0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

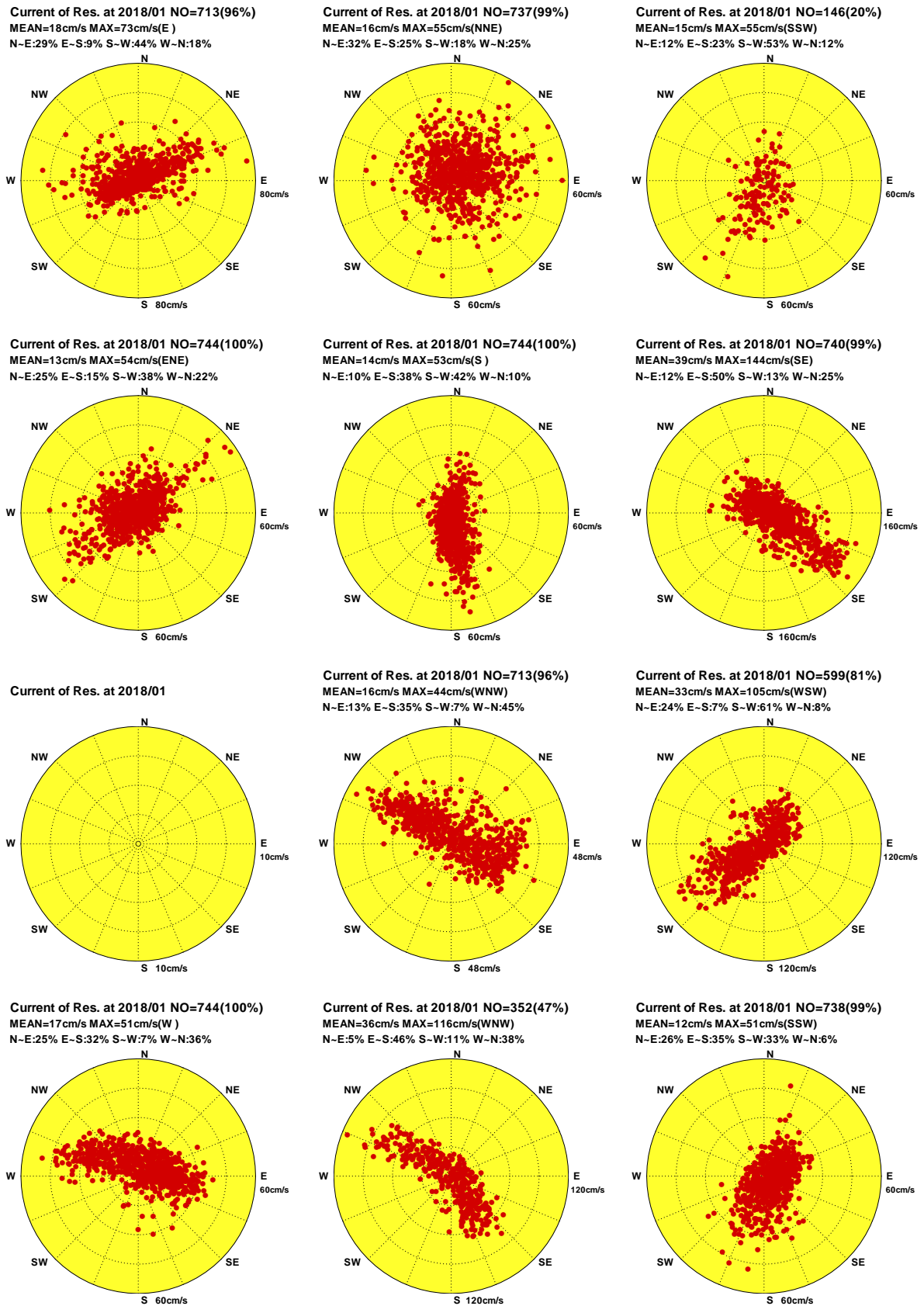


圖4.2e 2018年1月12海域主要測站1計算殘流向量分佈圖

C181TPX0.1HR C181KLX0.1HR C181SAX0.1HR C181HLX0.1HR C181LTX0.1HR C181PNZ0.1HR
C181KHX0.1HR C181CNX0.1HR C181TCX0.1HR C181PHX0.1HR C181KMX0.1HR C181MSX0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

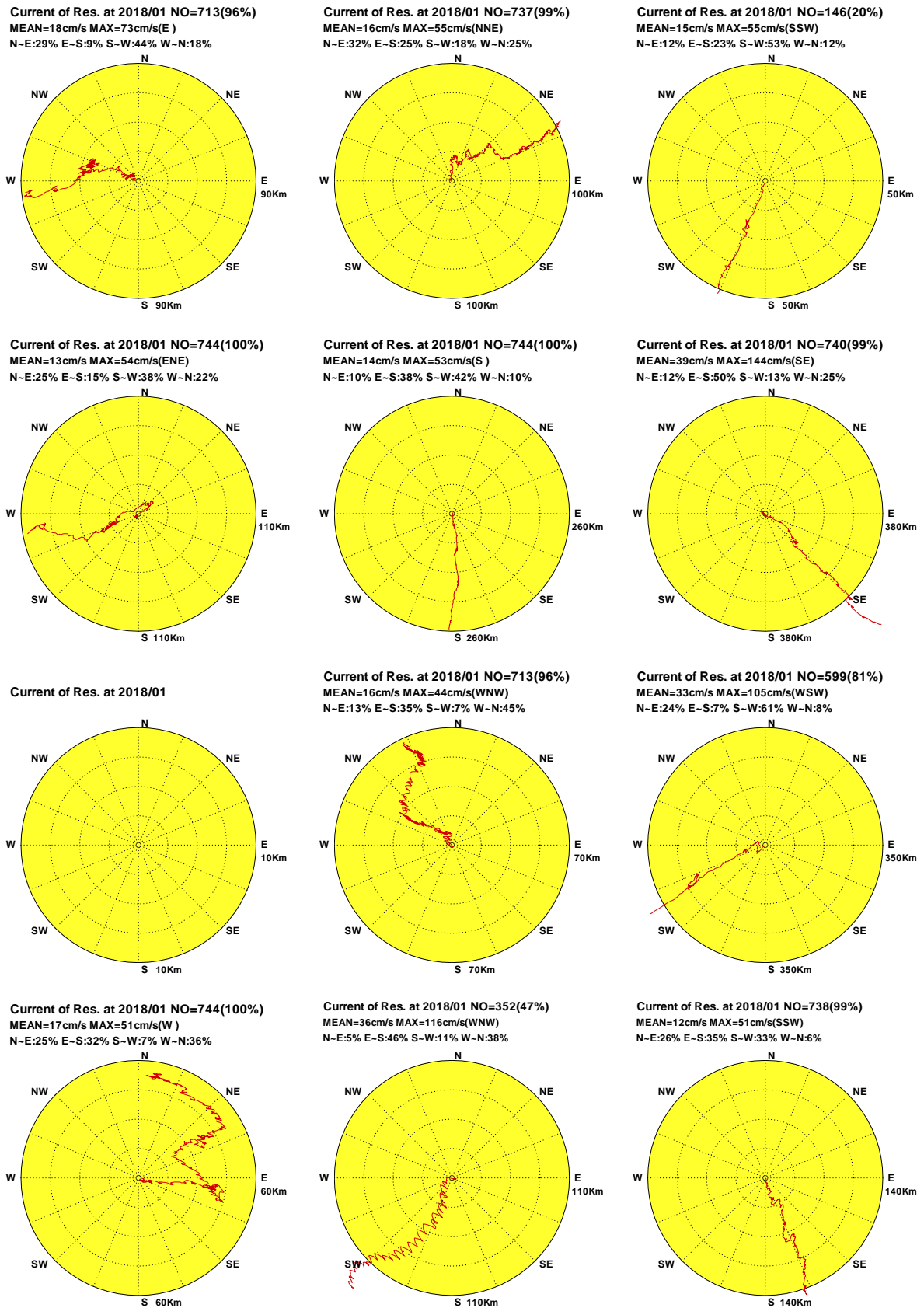


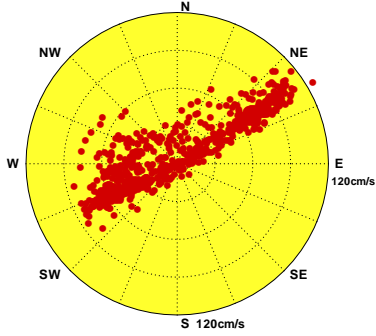
圖4.2f 2018年1月12海域主要測站1計算殘流向量行進圖

C181TPX0.1HR C181KLX0.1HR C181SAX0.1HR C181HLX0.1HR C181LTX0.1HR C181PNZ0.1HR
 C181KHX0.1HR C181CNX0.1HR C181TCX0.1HR C181PHX0.1HR C181KMX0.1HR C181MSX0.1HR

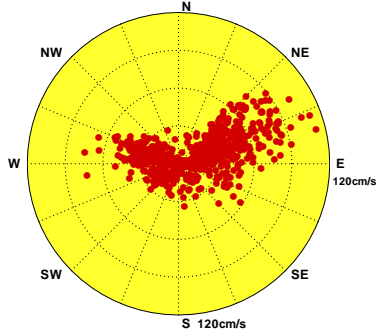
Institute of Harbor & Marine Technology

Distribution of Current Vectors

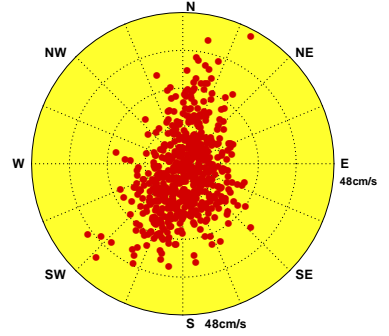
Current of TPX0 at 2018/02 NO=640(95%)
 MEAN=50cm/s MAX=120cm/s(ENE)
 N-E:43% E-S:2% S-W:44% W-N:11%



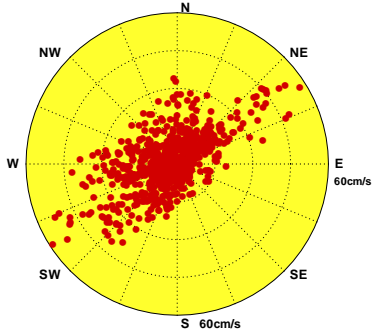
Current of KLX0 at 2018/02 NO=667(99%)
 MEAN=32cm/s MAX=108cm/s(ESE)
 N-E:46% E-S:19% S-W:19% W-N:16%



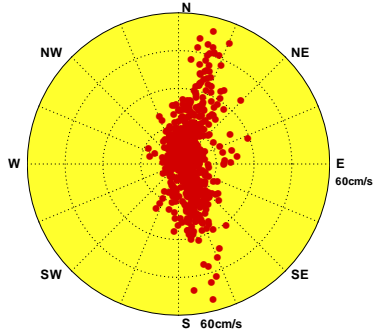
Current of SAX0 at 2018/02 NO=607(90%)
 MEAN=14cm/s MAX=44cm/s(NNE)
 N-E:20% E-S:28% S-W:40% W-N:12%



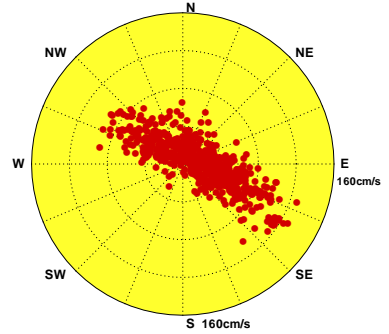
Current of HLX0 at 2018/02 NO=671(100%)
 MEAN=15cm/s MAX=61cm/s(WSW)
 N-E:27% E-S:7% S-W:44% W-N:22%



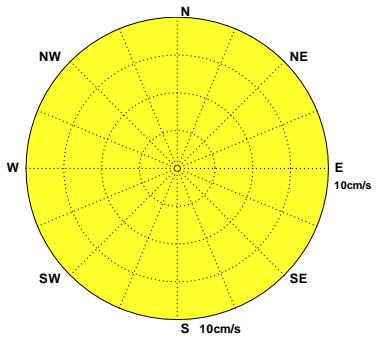
Current of LTX0 at 2018/02 NO=672(100%)
 MEAN=13cm/s MAX=57cm/s(SSE)
 N-E:37% E-S:32% S-W:12% W-N:19%



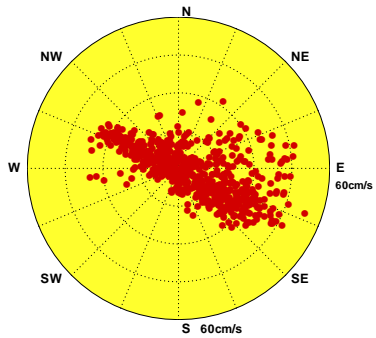
Current of PNZ0 at 2018/02 NO=664(99%)
 MEAN=40cm/s MAX=127cm/s(ESE)
 N-E:13% E-S:49% S-W:4% W-N:34%



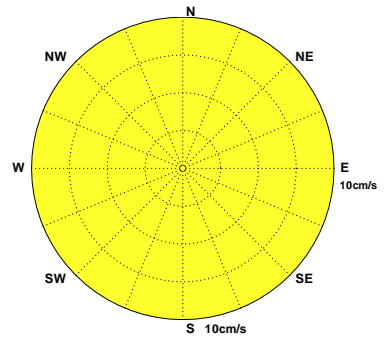
Current of KHX0 at 2018/02



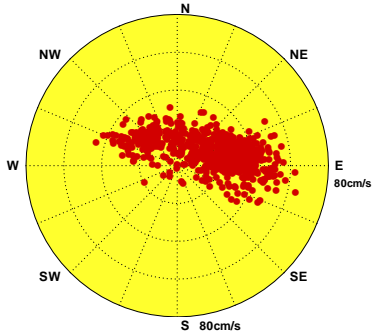
Current of CNX0 at 2018/02 NO=644(96%)
 MEAN=18cm/s MAX=52cm/s(ESE)
 N-E:11% E-S:44% S-W:12% W-N:33%



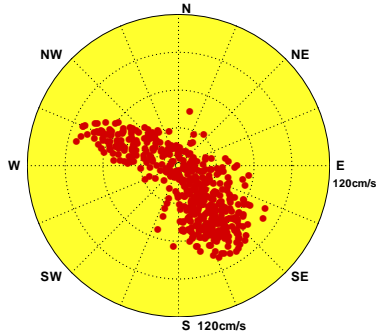
Current of TCX0 at 2018/02



Current of PHX0 at 2018/02 NO=672(100%)
 MEAN=25cm/s MAX=63cm/s(ESE)
 N-E:49% E-S:26% S-W:2% W-N:23%



Current of KMX0 at 2018/02 NO=507(75%)
 MEAN=42cm/s MAX=86cm/s(W)
 N-E:3% E-S:59% S-W:12% W-N:26%



Current of MSX0 at 2018/02 NO=672(100%)
 MEAN=14cm/s MAX=65cm/s(SW)
 N-E:22% E-S:28% S-W:40% W-N:10%

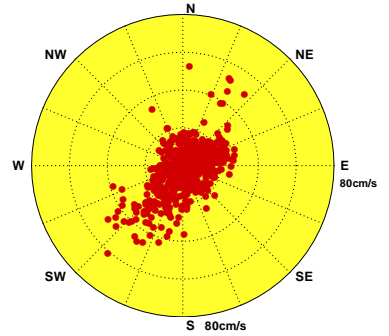


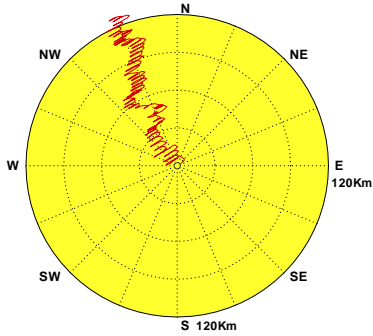
圖4.3a 2018年2月12海域主要測站1觀測海流向量分佈圖

C182TPX0.1H0 C182KLX0.1H0 C182SAX0.1H0 C182HLX0.1H0 C182LTX0.1H0 C182PNZ0.1H0
 C182KHX0.1H0 C182CNX0.1H0 C182TCX0.1H0 C182PHX0.1H0 C182KMX0.1H0 C182MSX0.1H0

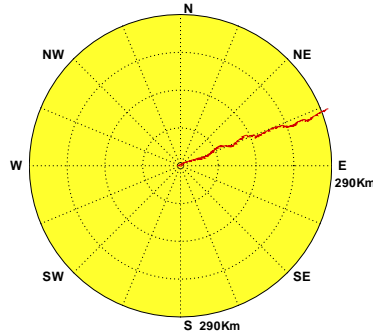
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

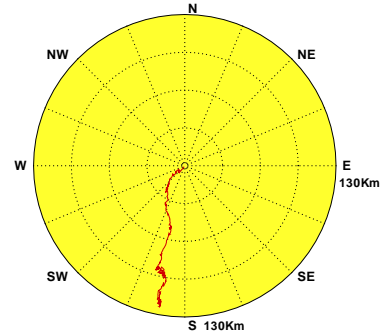
Current of TPX0 at 2018/02 NO=640(95%)
MEAN=50cm/s MAX=120cm/s(ENE)
N-E:43% E-S:2% S-W:44% W-N:11%



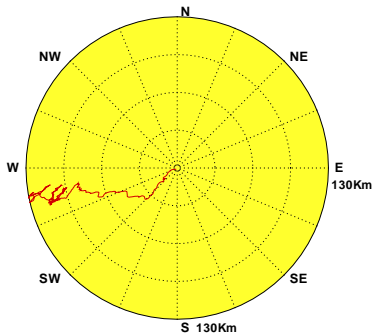
Current of KLX0 at 2018/02 NO=667(99%)
MEAN=32cm/s MAX=108cm/s(ENE)
N-E:46% E-S:19% S-W:19% W-N:16%



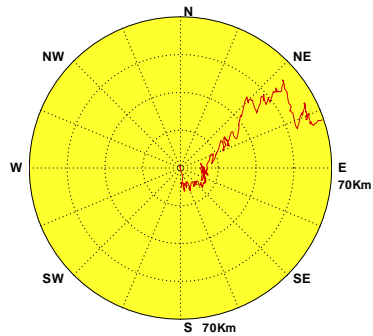
Current of SAX0 at 2018/02 NO=607(90%)
MEAN=14cm/s MAX=44cm/s(NNE)
N-E:20% E-S:28% S-W:40% W-N:12%



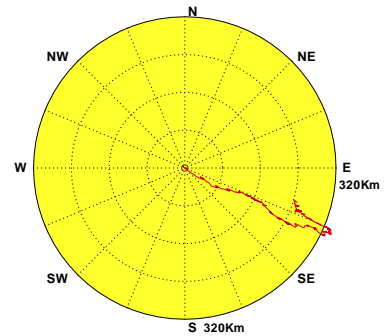
Current of HLX0 at 2018/02 NO=671(100%)
MEAN=15cm/s MAX=61cm/s(WSW)
N-E:27% E-S:7% S-W:44% W-N:22%



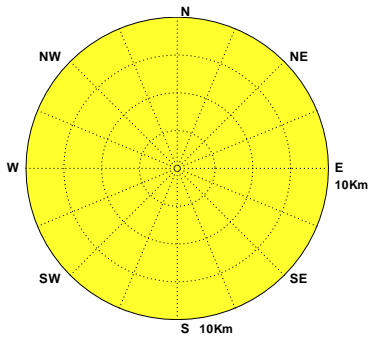
Current of LTX0 at 2018/02 NO=672(100%)
MEAN=13cm/s MAX=57cm/s(SSE)
N-E:37% E-S:32% S-W:12% W-N:19%



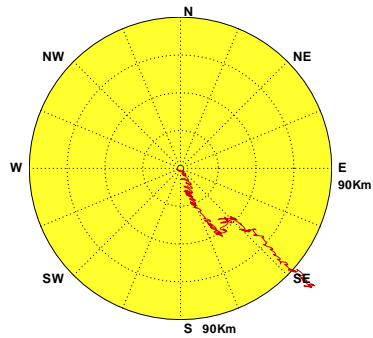
Current of PNZ0 at 2018/02 NO=664(99%)
MEAN=40cm/s MAX=127cm/s(ESE)
N-E:13% E-S:49% S-W:4% W-N:34%



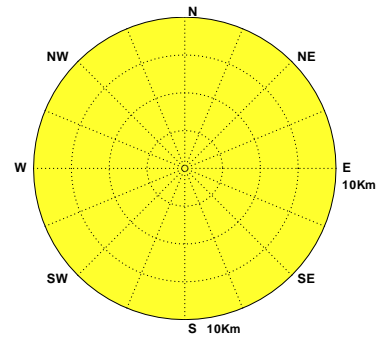
Current of KHX0 at 2018/02



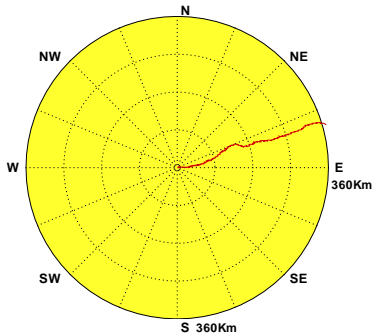
Current of CNX0 at 2018/02 NO=644(96%)
MEAN=18cm/s MAX=52cm/s(ESE)
N-E:11% E-S:44% S-W:12% W-N:33%



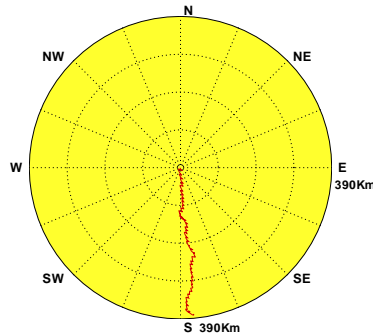
Current of TCX0 at 2018/02



Current of PHX0 at 2018/02 NO=672(100%)
MEAN=25cm/s MAX=63cm/s(ESE)
N-E:49% E-S:26% S-W:2% W-N:23%



Current of KMX0 at 2018/02 NO=507(75%)
MEAN=42cm/s MAX=86cm/s(W)
N-E:3% E-S:59% S-W:12% W-N:26%



Current of MSX0 at 2018/02 NO=672(100%)
MEAN=14cm/s MAX=65cm/s(SW)
N-E:22% E-S:28% S-W:40% W-N:10%

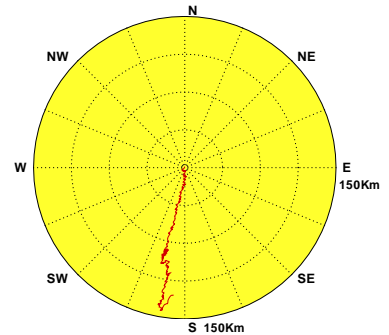


圖4.3b 2018年2月12海域主要測站1觀測海流向量行進圖

C182TPX0.1H0 C182KLX0.1H0 C182SAX0.1H0 C182HLX0.1H0 C182LTX0.1H0 C182PNZ0.1H0
C182KHX0.1H0 C182CNX0.1H0 C182TCX0.1H0 C182PHX0.1H0 C182KMX0.1H0 C182MSX0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

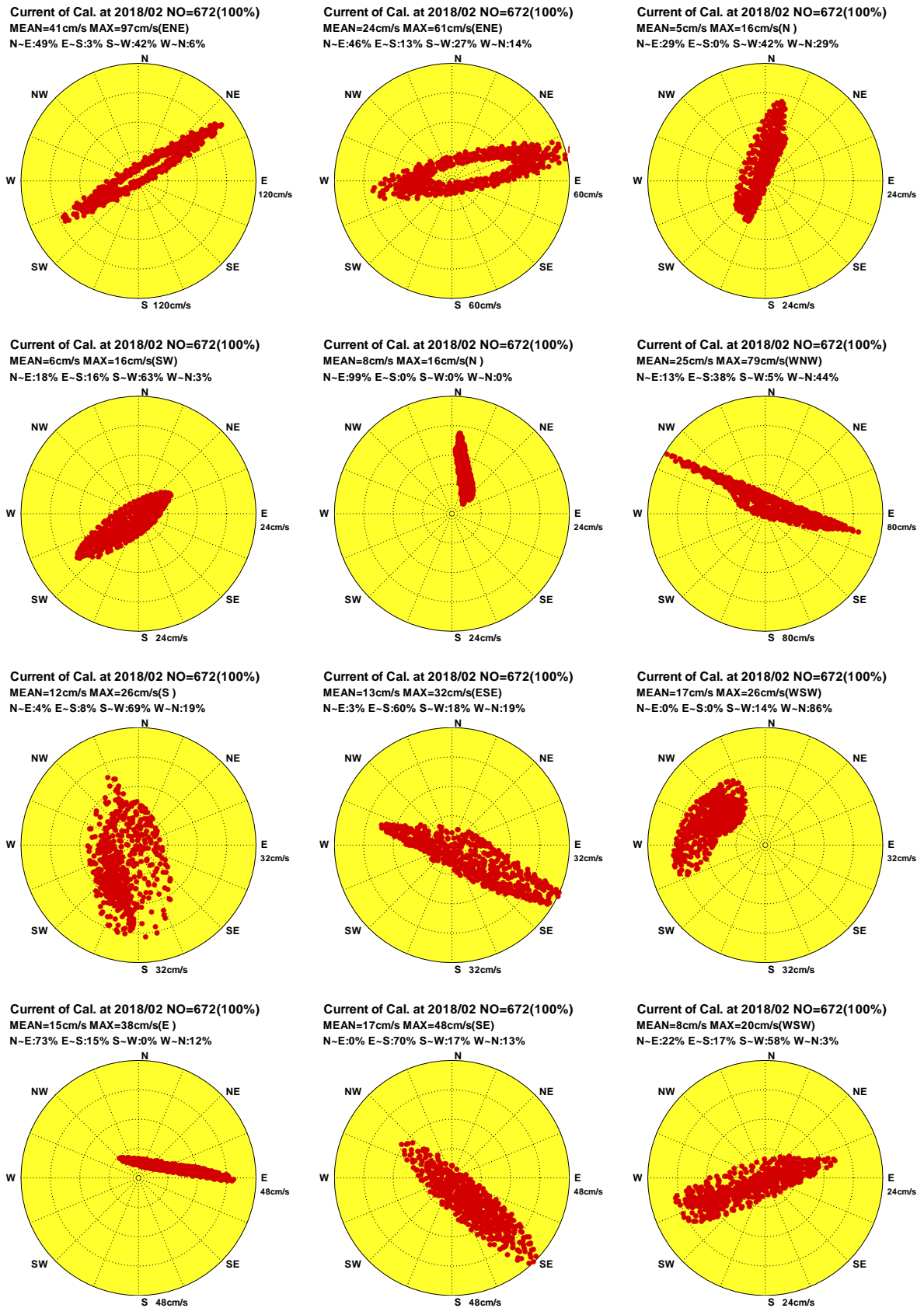


圖4.3c 2018年2月12海域主要測站1計算潮流向量分佈圖

C182TPX0.1HD C182KLX0.1HD C182SAX0.1HD C182HLX0.1HD C182LTX0.1HD C182PNZ0.1HD
C182KHX0.1HD C182CNX0.1HD C182TCX0.1HD C182PHX0.1HD C182KMX0.1HD C182MSX0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

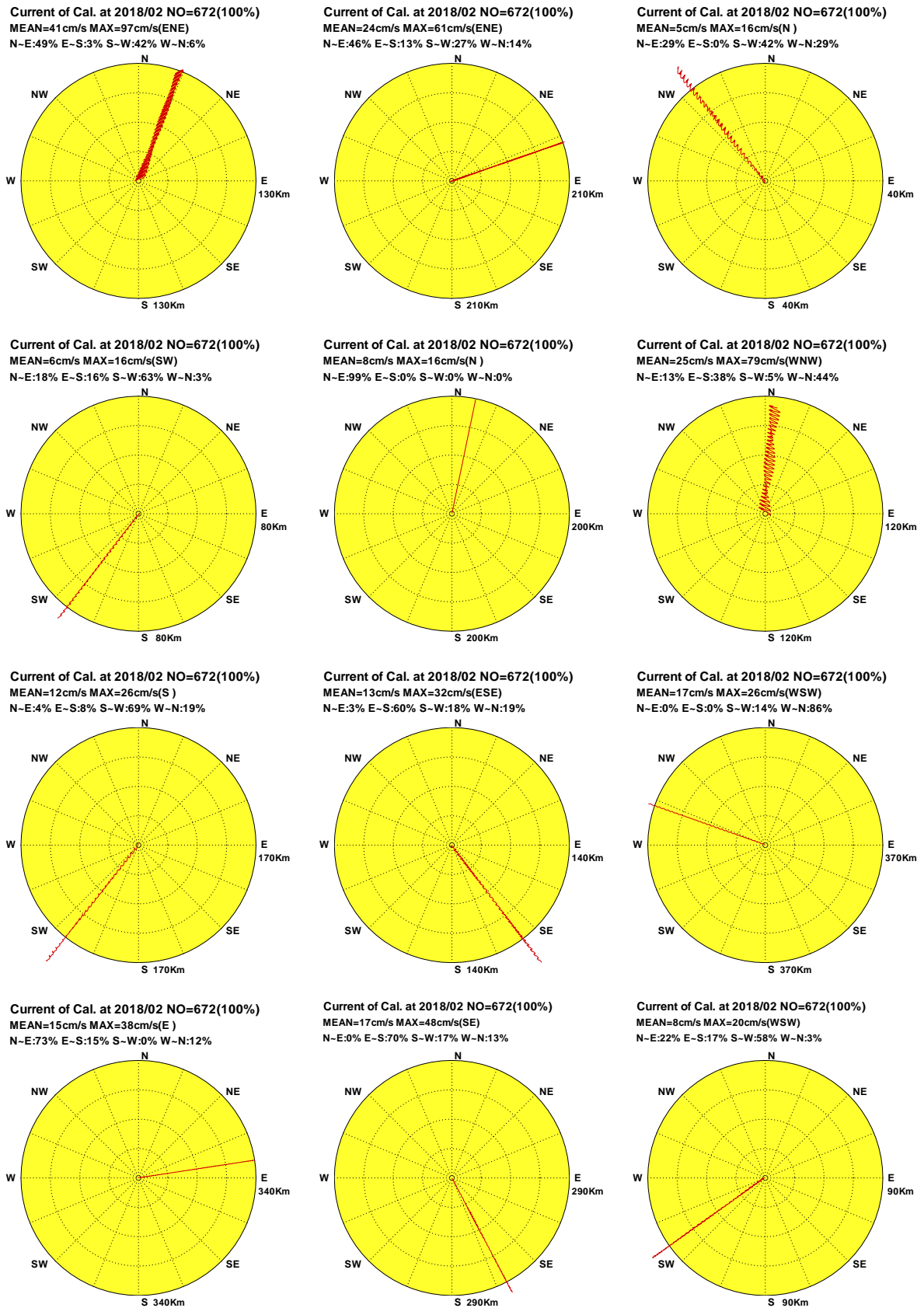


圖4.3d 2018年2月12海域主要測站1計算潮流向量行進圖

C182TPX0.1HD C182KLX0.1HD C182SAX0.1HD C182HLX0.1HD C182LTX0.1HD C182PNZ0.1HD
 C182KHX0.1HD C182CNX0.1HD C182TCX0.1HD C182PHX0.1HD C182KMX0.1HD C182MSX0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

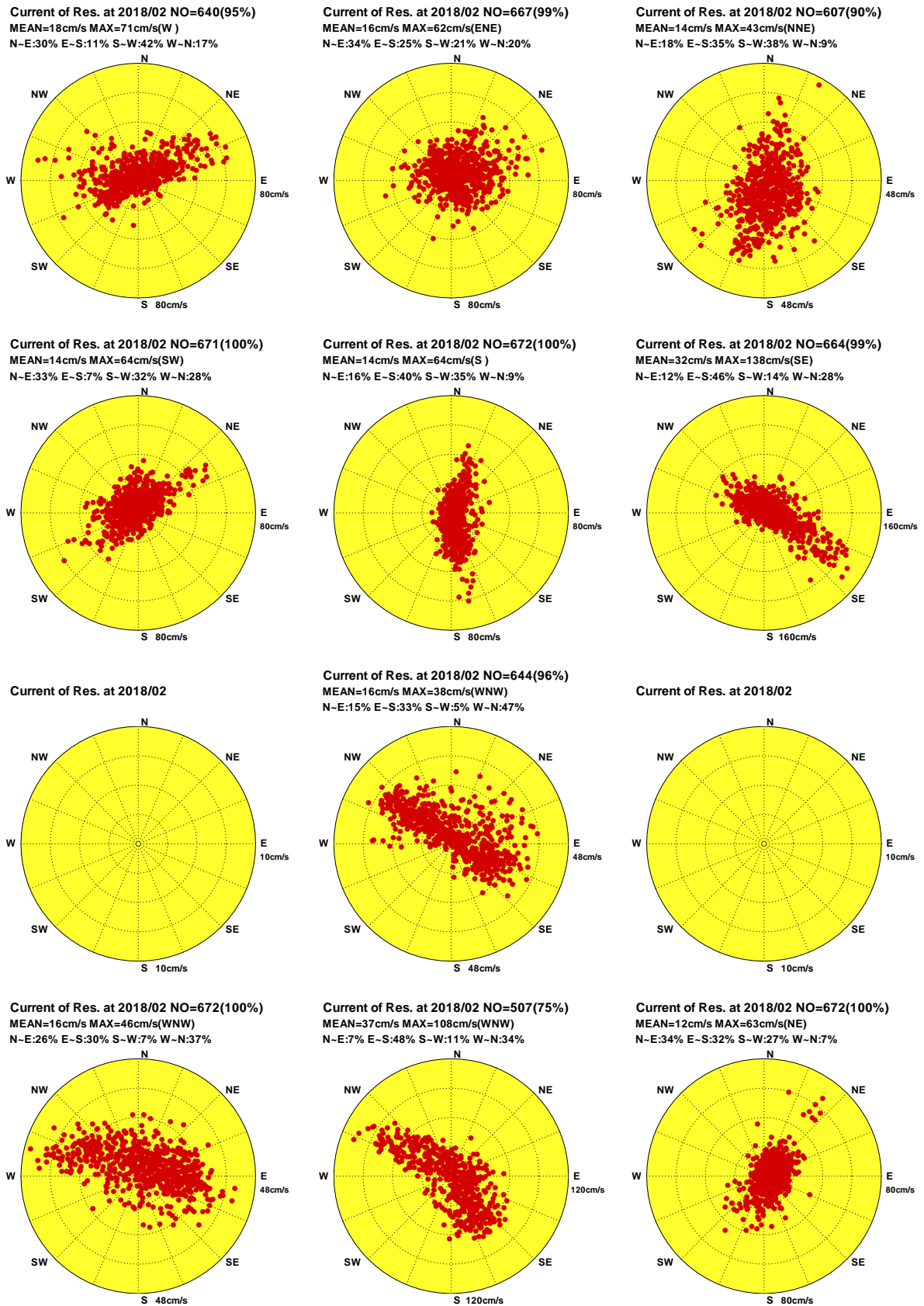


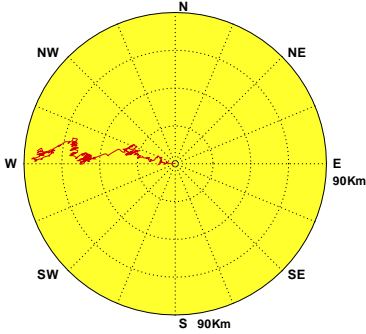
圖4.3e 2018年2月12海域主要測站1計算殘流向量分佈圖

C182TPX0.1HR C182KLX0.1HR C182SAX0.1HR C182HLX0.1HR C182LTX0.1HR C182PNZ0.1HR
C182KHX0.1HR C182CNX0.1HR C182TCX0.1HR C182PHX0.1HR C182KMX0.1HR C182MSX0.1HR

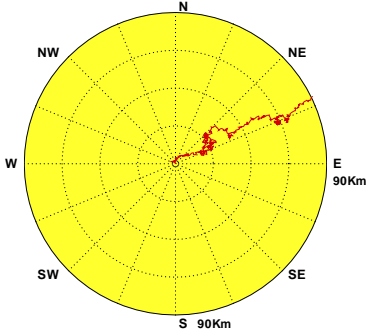
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

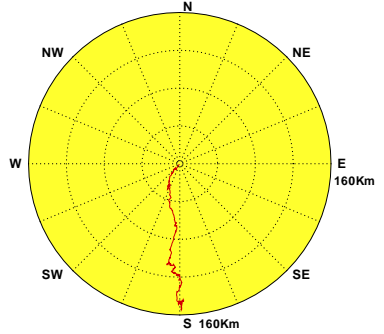
Current of Res. at 2018/02 NO=640(95%)
MEAN=18cm/s MAX=71cm/s(W)
N-E:30% E-S:11% S-W:42% W-N:17%



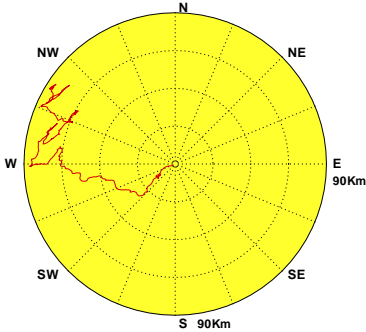
Current of Res. at 2018/02 NO=667(99%)
MEAN=16cm/s MAX=62cm/s(ENE)
N-E:34% E-S:25% S-W:21% W-N:20%



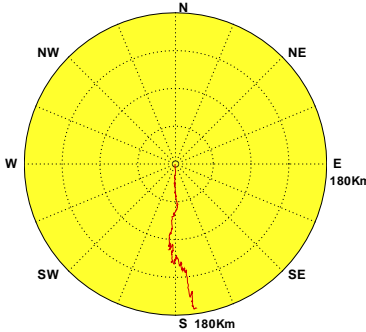
Current of Res. at 2018/02 NO=607(90%)
MEAN=14cm/s MAX=43cm/s(NNE)
N-E:18% E-S:35% S-W:38% W-N:9%



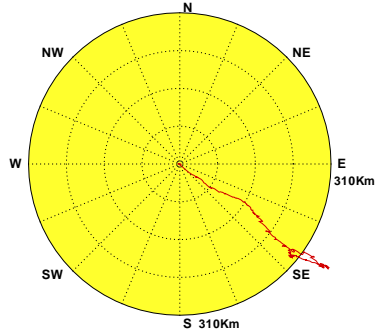
Current of Res. at 2018/02 NO=671(100%)
MEAN=14cm/s MAX=64cm/s(SW)
N-E:33% E-S:7% S-W:32% W-N:28%



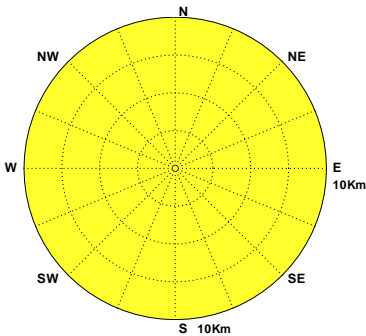
Current of Res. at 2018/02 NO=672(100%)
MEAN=14cm/s MAX=64cm/s(S)
N-E:16% E-S:40% S-W:35% W-N:9%



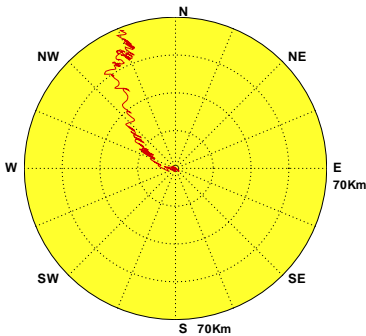
Current of Res. at 2018/02 NO=664(99%)
MEAN=32cm/s MAX=138cm/s(SE)
N-E:12% E-S:46% S-W:14% W-N:28%



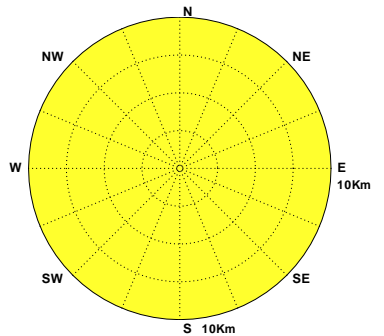
Current of Res. at 2018/02



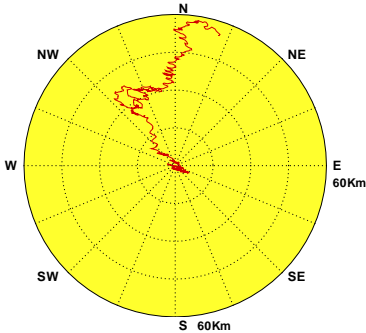
Current of Res. at 2018/02 NO=644(96%)
MEAN=16cm/s MAX=38cm/s(WNW)
N-E:15% E-S:33% S-W:5% W-N:47%



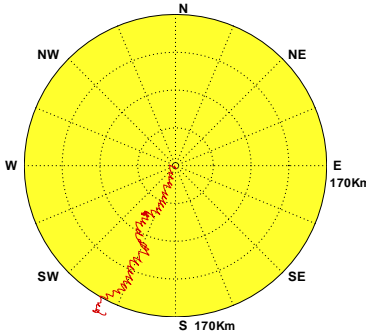
Current of Res. at 2018/02



Current of Res. at 2018/02 NO=672(100%)
MEAN=16cm/s MAX=46cm/s(WNW)
N-E:26% E-S:30% S-W:7% W-N:37%



Current of Res. at 2018/02 NO=507(75%)
MEAN=37cm/s MAX=108cm/s(WNW)
N-E:7% E-S:48% S-W:11% W-N:34%



Current of Res. at 2018/02 NO=672(100%)
MEAN=12cm/s MAX=63cm/s(NE)
N-E:34% E-S:32% S-W:27% W-N:7%

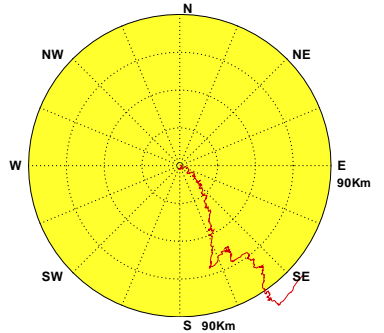


圖4.3f 2018年2月12海域主要測站1計算殘流向量行進圖

C182TPX0.1HR C182KLX0.1HR C182SAX0.1HR C182HLX0.1HR C182LTX0.1HR C182PNZ0.1HR
C182KHX0.1HR C182CNX0.1HR C182TCX0.1HR C182PHX0.1HR C182KMX0.1HR C182MSX0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

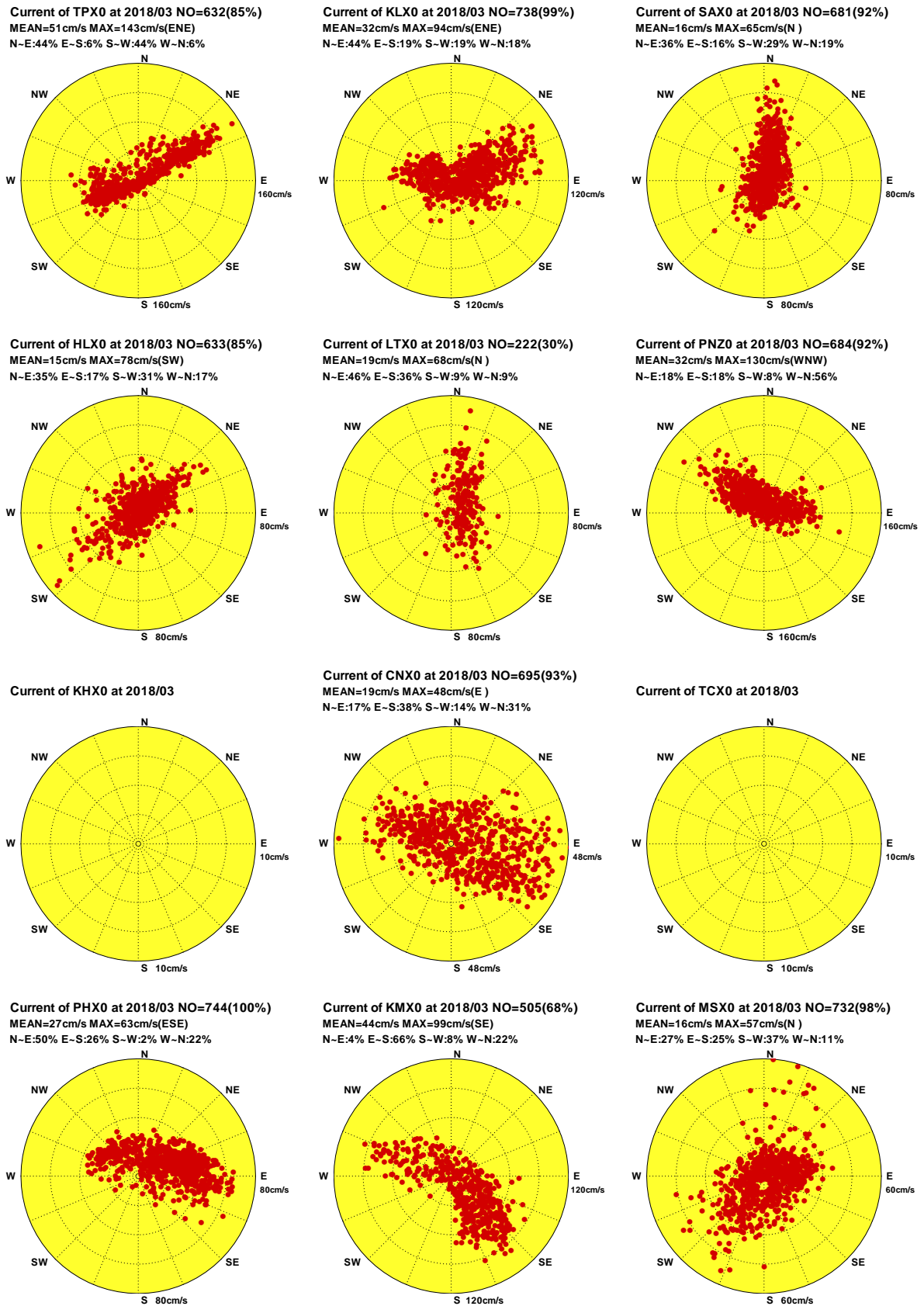


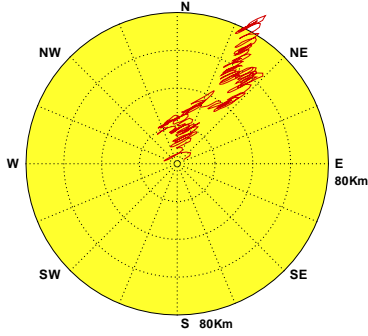
圖4.4a 2018年3月12海域主要測站1觀測海流向量分佈圖

C183TPX0.1H0 C183KLX0.1H0 C183SAX0.1H0 C183HLX0.1H0 C183LTX0.1H0 C183PNZ0.1H0
 C183KHX0.1H0 C183CNX0.1H0 C183TCX0.1H0 C183PHX0.1H0 C183KMX0.1H0 C183MSX0.1H0

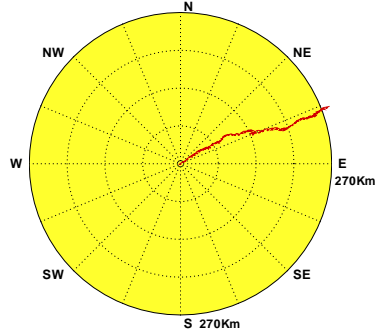
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

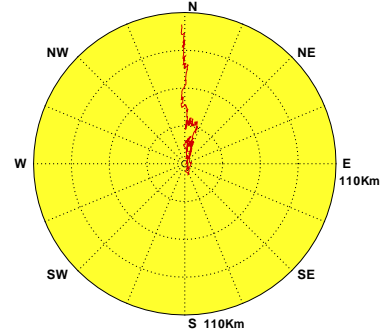
Current of TPX0 at 2018/03 NO=632(85%)
MEAN=51cm/s MAX=143cm/s(ENE)
N-E:44% E-S:6% S-W:44% W-N:6%



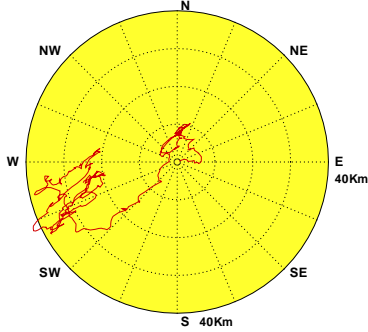
Current of KLX0 at 2018/03 NO=738(99%)
MEAN=32cm/s MAX=94cm/s(ENE)
N-E:44% E-S:19% S-W:19% W-N:18%



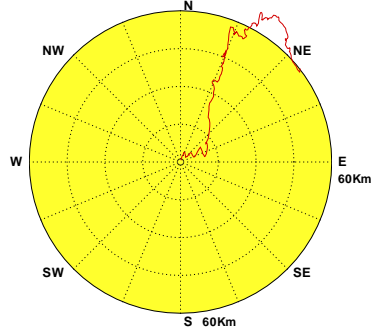
Current of SAX0 at 2018/03 NO=681(92%)
MEAN=16cm/s MAX=65cm/s(N)
N-E:36% E-S:16% S-W:29% W-N:19%



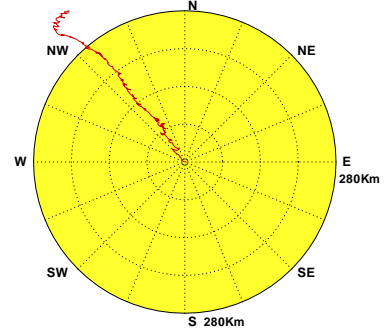
Current of HLX0 at 2018/03 NO=633(85%)
MEAN=15cm/s MAX=78cm/s(SW)
N-E:35% E-S:17% S-W:31% W-N:17%



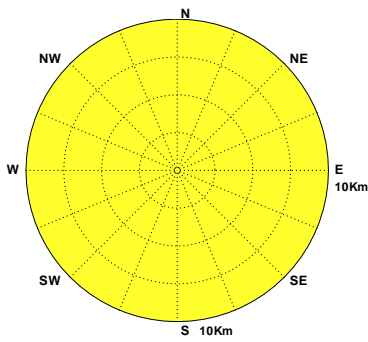
Current of LTX0 at 2018/03 NO=222(30%)
MEAN=19cm/s MAX=68cm/s(N)
N-E:46% E-S:36% S-W:9% W-N:9%



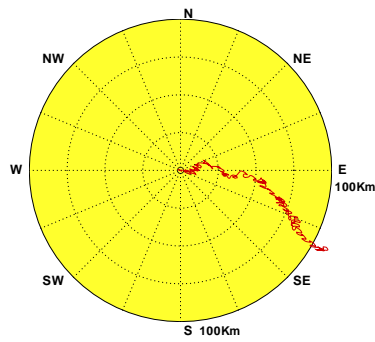
Current of PNZ0 at 2018/03 NO=684(92%)
MEAN=32cm/s MAX=130cm/s(WNW)
N-E:18% E-S:18% S-W:8% W-N:56%



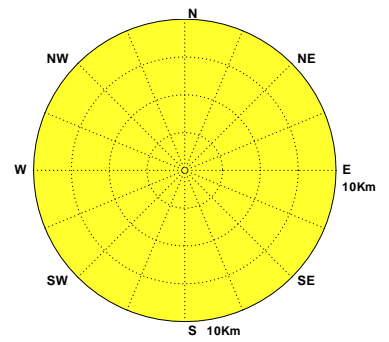
Current of KHX0 at 2018/03



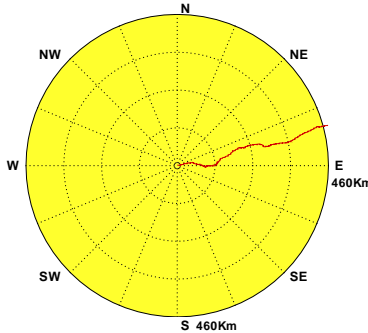
Current of CNX0 at 2018/03 NO=695(93%)
MEAN=19cm/s MAX=48cm/s(E)
N-E:17% E-S:38% S-W:14% W-N:31%



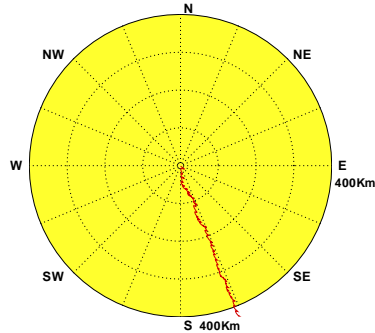
Current of TCX0 at 2018/03



Current of PHX0 at 2018/03 NO=744(100%)
MEAN=27cm/s MAX=63cm/s(ESE)
N-E:50% E-S:26% S-W:2% W-N:22%



Current of KMX0 at 2018/03 NO=505(68%)
MEAN=44cm/s MAX=99cm/s(SE)
N-E:4% E-S:66% S-W:8% W-N:22%



Current of MSX0 at 2018/03 NO=732(98%)
MEAN=16cm/s MAX=57cm/s(N)
N-E:27% E-S:25% S-W:37% W-N:11%

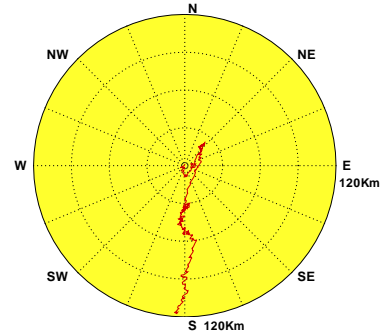


圖4.4b 2018年3月12海域主要測站1觀測海流向量行進圖

C183TPX0.1H0 C183KLX0.1H0 C183SAX0.1H0 C183HLX0.1H0 C183LTX0.1H0 C183PNZ0.1H0
C183KHX0.1H0 C183CNX0.1H0 C183TCX0.1H0 C183PHX0.1H0 C183KMX0.1H0 C183MSX0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

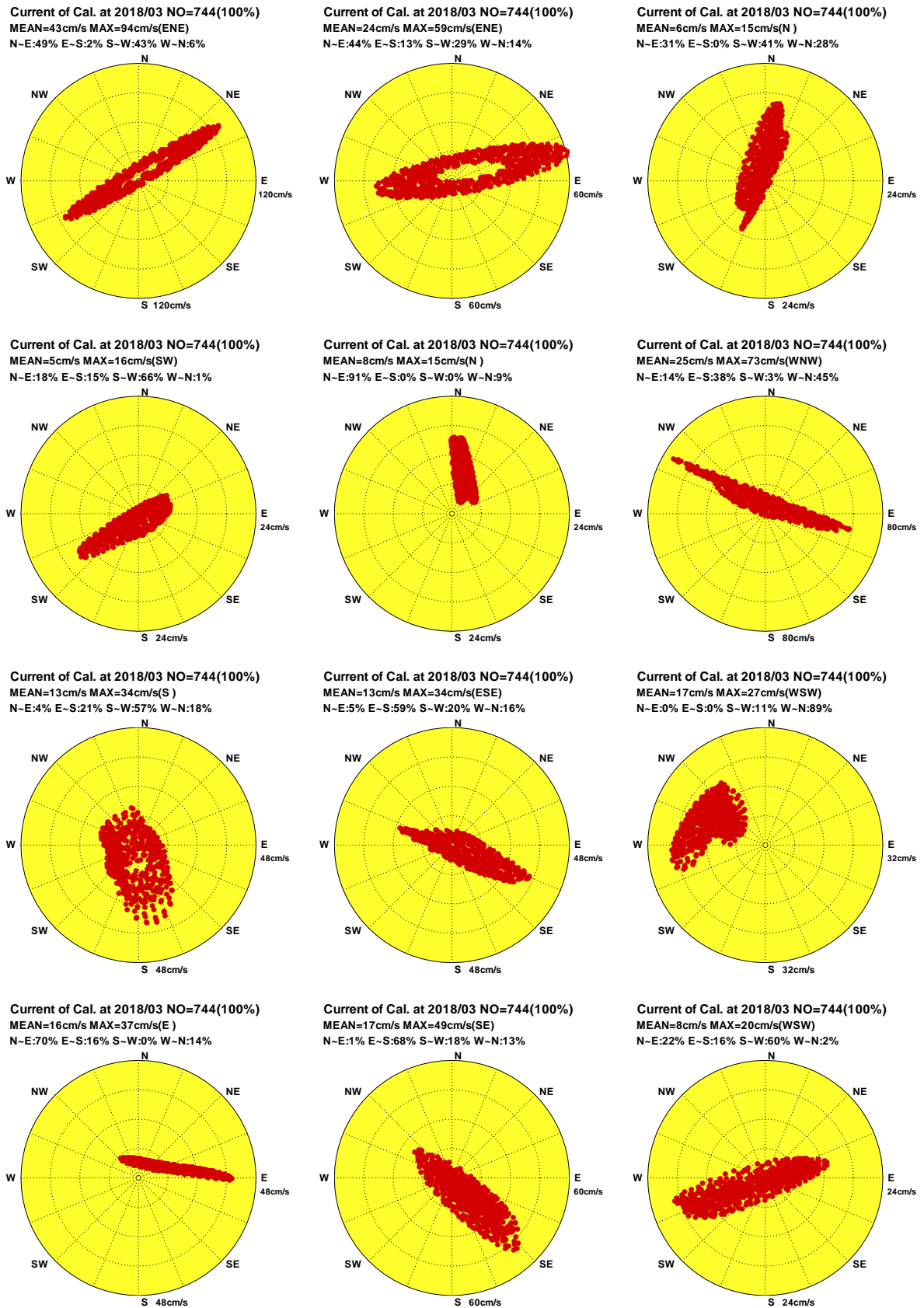


圖4.4c 2018年3月12海域主要測站1計算潮流向量分佈圖

C183TPX0.1HD C183KLX0.1HD C183SAX0.1HD C183HLX0.1HD C183LTX0.1HD C183PNZ0.1HD
C183KHX0.1HD C183CNX0.1HD C183TCX0.1HD C183PHX0.1HD C183KMX0.1HD C183MSX0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

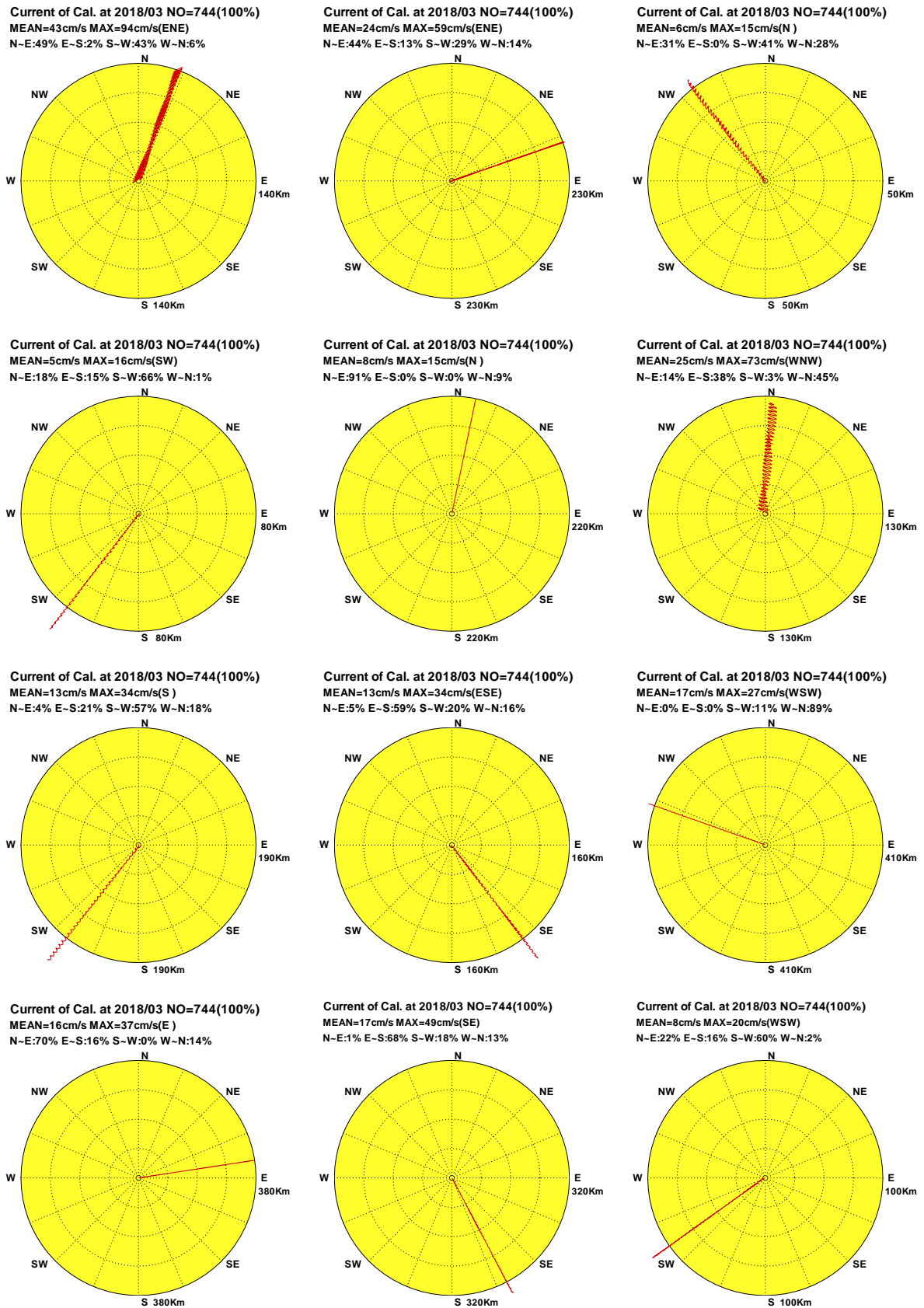


圖4.4d 2018年3月12海域主要測站1計算潮流向量行進圖

C183TPX0.1HD C183KLX0.1HD C183SAX0.1HD C183HLX0.1HD C183LTX0.1HD C183PNZ0.1HD
 C183KHX0.1HD C183CNX0.1HD C183TCX0.1HD C183PHX0.1HD C183KMX0.1HD C183MSX0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

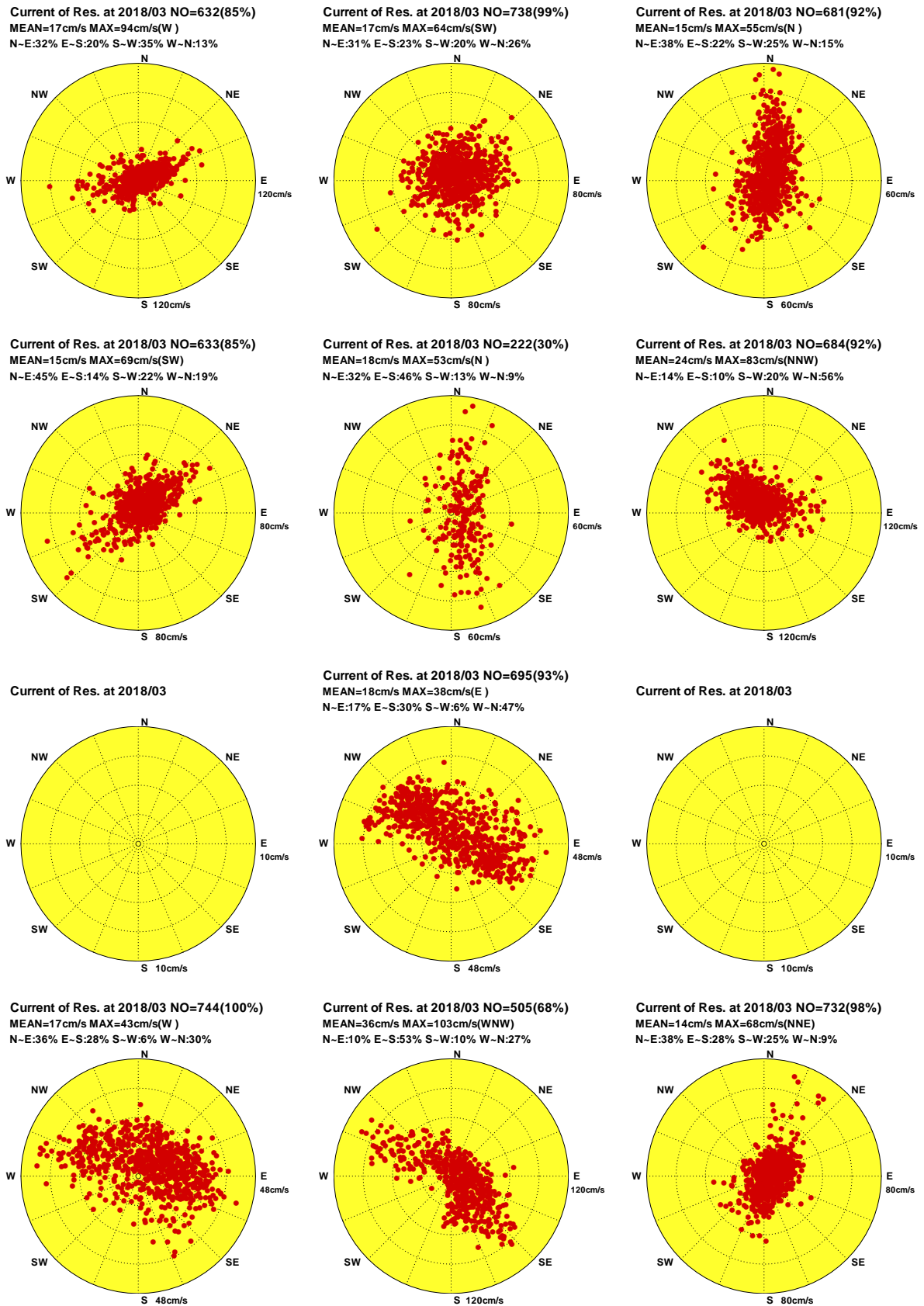


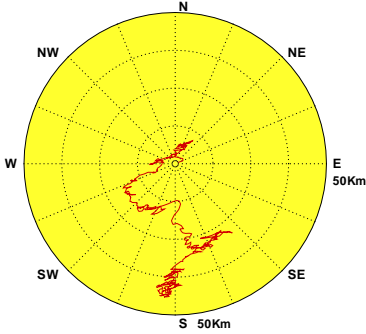
圖4.4e 2018年3月12海域主要測站1計算殘流向量分佈圖

C183TPX0.1HR C183KLX0.1HR C183SAX0.1HR C183HLX0.1HR C183LTX0.1HR C183PNZ0.1HR
 C183KHX0.1HR C183CNX0.1HR C183TCX0.1HR C183PHX0.1HR C183KMX0.1HR C183MSX0.1HR

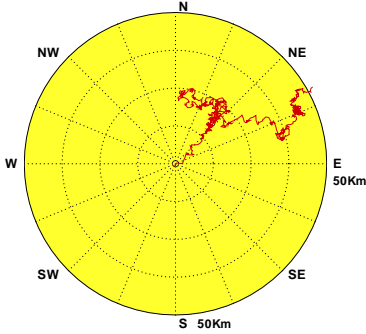
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

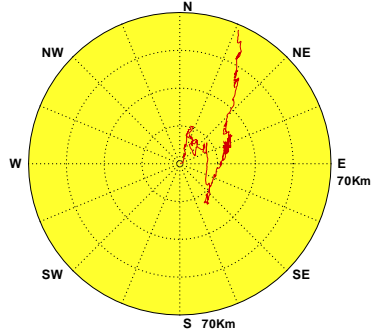
Current of Res. at 2018/03 NO=632(85%)
MEAN=17cm/s MAX=94cm/s(W)
N-E:32% E-S:20% S-W:35% W-N:13%



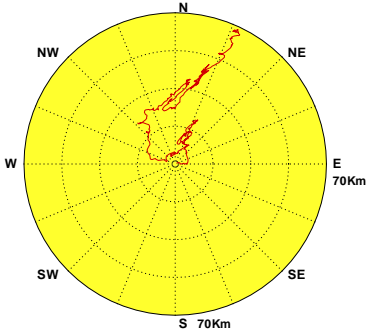
Current of Res. at 2018/03 NO=738(99%)
MEAN=17cm/s MAX=64cm/s(SW)
N-E:31% E-S:23% S-W:20% W-N:26%



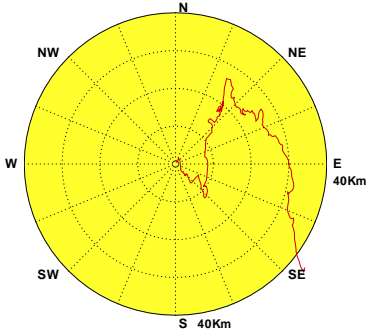
Current of Res. at 2018/03 NO=681(92%)
MEAN=15cm/s MAX=55cm/s(N)
N-E:38% E-S:22% S-W:25% W-N:15%



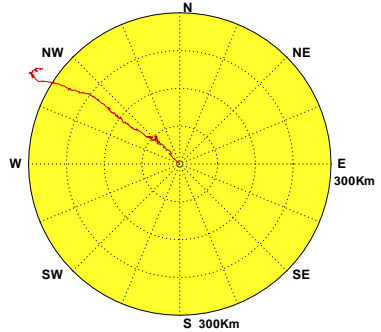
Current of Res. at 2018/03 NO=633(85%)
MEAN=15cm/s MAX=69cm/s(SW)
N-E:45% E-S:14% S-W:22% W-N:19%



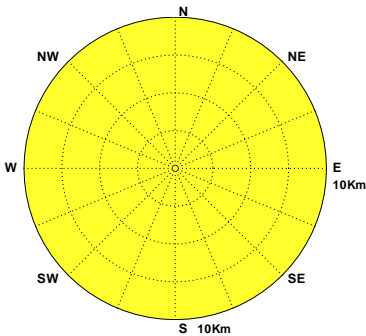
Current of Res. at 2018/03 NO=222(30%)
MEAN=18cm/s MAX=53cm/s(N)
N-E:32% E-S:46% S-W:13% W-N:9%



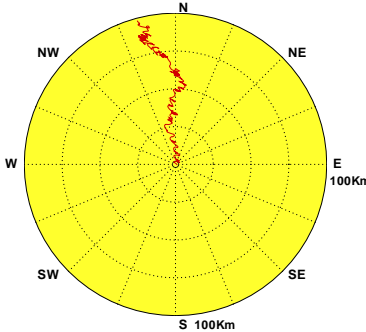
Current of Res. at 2018/03 NO=684(92%)
MEAN=24cm/s MAX=83cm/s(NNW)
N-E:14% E-S:10% S-W:20% W-N:56%



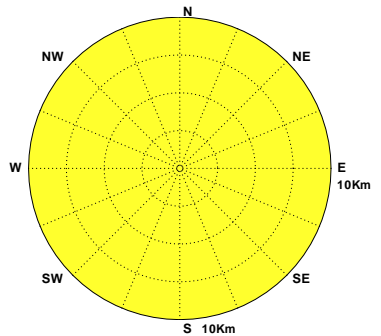
Current of Res. at 2018/03



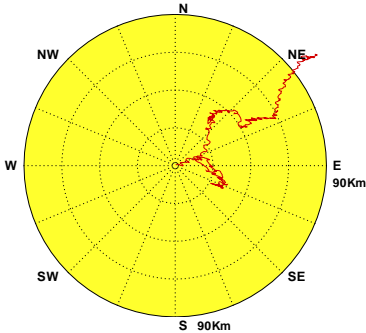
Current of Res. at 2018/03 NO=695(93%)
MEAN=18cm/s MAX=38cm/s(E)
N-E:17% E-S:30% S-W:6% W-N:47%



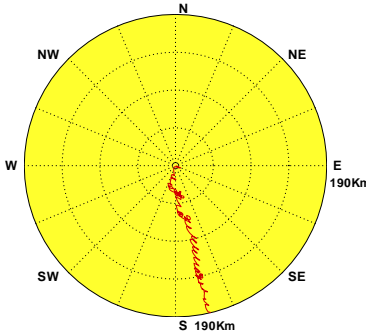
Current of Res. at 2018/03



Current of Res. at 2018/03 NO=744(100%)
MEAN=17cm/s MAX=43cm/s(W)
N-E:36% E-S:28% S-W:6% W-N:30%



Current of Res. at 2018/03 NO=505(68%)
MEAN=36cm/s MAX=103cm/s(WNW)
N-E:10% E-S:53% S-W:10% W-N:27%



Current of Res. at 2018/03 NO=732(98%)
MEAN=14cm/s MAX=68cm/s(NNE)
N-E:38% E-S:28% S-W:25% W-N:9%

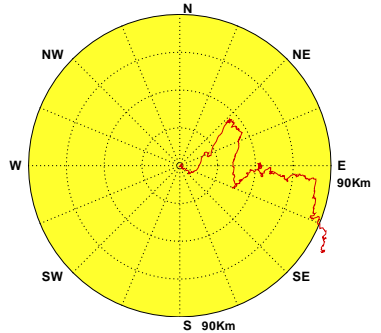


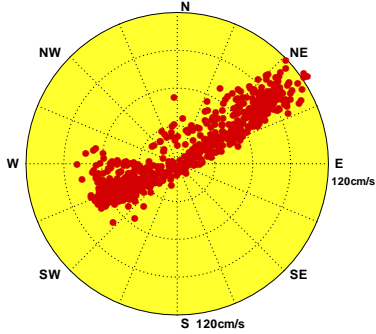
圖4.4f 2018年3月12海域主要測站1計算殘流向量行進圖

C183TPX0.1HR C183KLX0.1HR C183SAX0.1HR C183HLX0.1HR C183LTX0.1HR C183PNZ0.1HR
C183KHX0.1HR C183CNX0.1HR C183TCX0.1HR C183PHX0.1HR C183KMX0.1HR C183MSX0.1HR

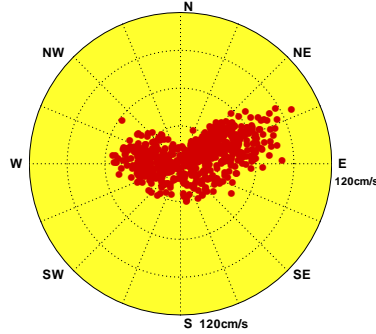
Institute of Harbor & Marine Technology

Distribution of Current Vectors

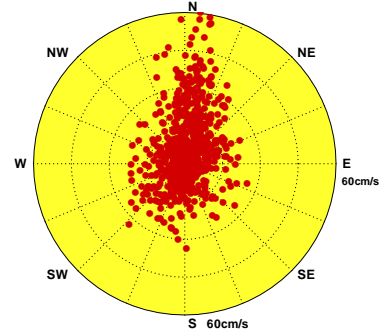
Current of TPX0 at 2018/04 NO=698(97%)
 MEAN=51cm/s MAX=119cm/s(ENE)
 N-E:46% E-S:4% S-W:47% W-N:3%



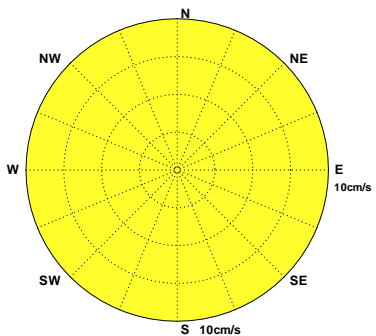
Current of KLX0 at 2018/04 NO=711(99%)
 MEAN=30cm/s MAX=93cm/s(ENE)
 N-E:44% E-S:17% S-W:23% W-N:16%



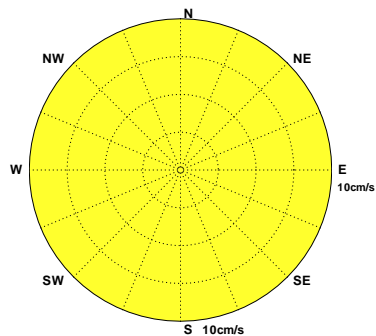
Current of SAX0 at 2018/04 NO=657(91%)
 MEAN=15cm/s MAX=60cm/s(N)
 N-E:32% E-S:14% S-W:29% W-N:25%



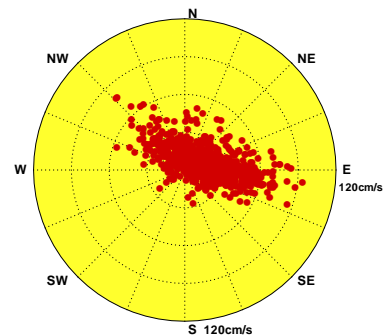
Current of HLX0 at 2018/04



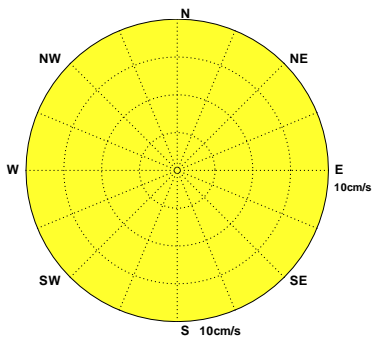
Current of LTX0 at 2018/04



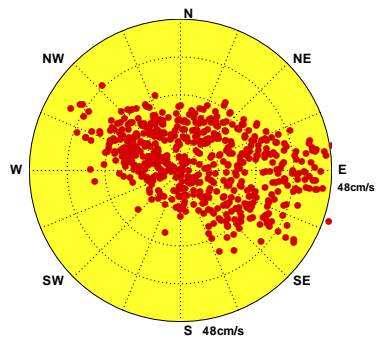
Current of PNZ0 at 2018/04 NO=693(96%)
 MEAN=26cm/s MAX=91cm/s(E)
 N-E:24% E-S:43% S-W:6% W-N:27%



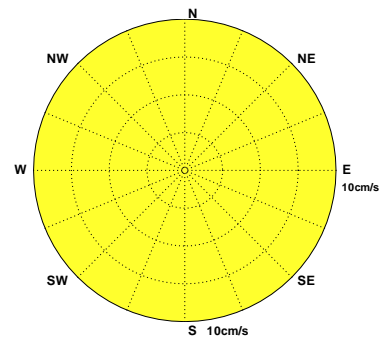
Current of KHX0 at 2018/04



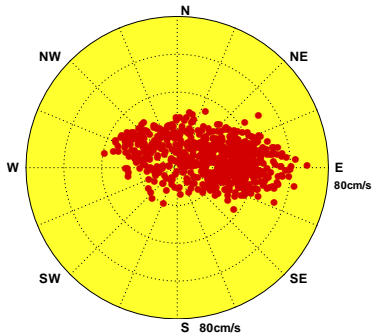
Current of CNX0 at 2018/04 NO=598(83%)
 MEAN=19cm/s MAX=49cm/s(ESE)
 N-E:26% E-S:29% S-W:13% W-N:32%



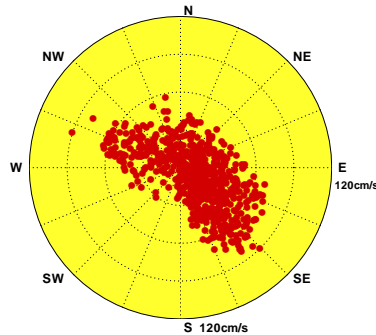
Current of TCX0 at 2018/04



Current of PHX0 at 2018/04 NO=720(100%)
 MEAN=26cm/s MAX=66cm/s(E)
 N-E:37% E-S:36% S-W:7% W-N:20%



Current of KMX0 at 2018/04 NO=701(97%)
 MEAN=35cm/s MAX=93cm/s(WNW)
 N-E:12% E-S:57% S-W:8% W-N:23%



Current of MSX0 at 2018/04 NO=711(99%)
 MEAN=19cm/s MAX=78cm/s(NNE)
 N-E:27% E-S:22% S-W:34% W-N:17%

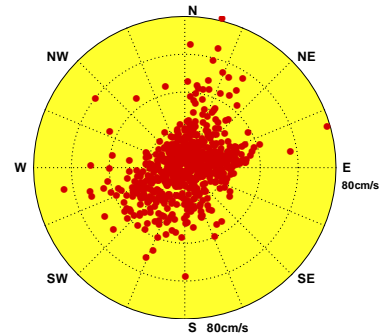


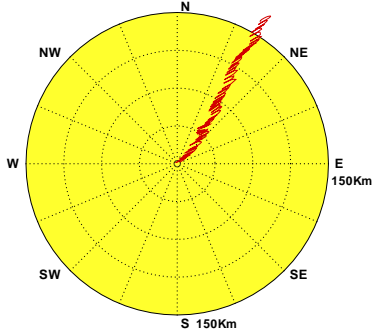
圖4.5a 2018年4月12海域主要測站1觀測海流向量分佈圖

C184TPX0.1H0 C184KLX0.1H0 C184SAX0.1H0 C184HLX0.1H0 C184LTX0.1H0 C184PNZ0.1H0
 C184KHX0.1H0 C184CNX0.1H0 C184TCX0.1H0 C184PHX0.1H0 C184KMX0.1H0 C184MSX0.1H0

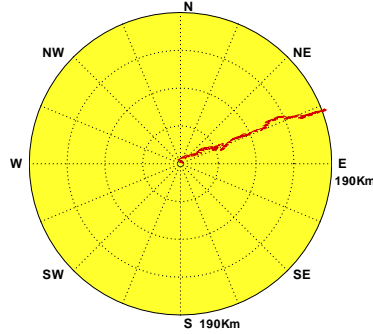
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

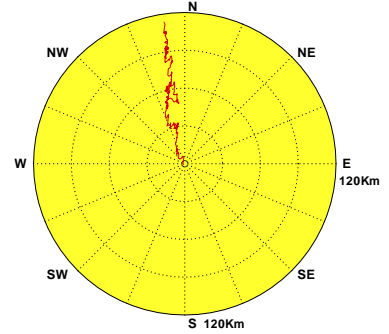
Current of TPX0 at 2018/04 NO=698(97%)
MEAN=51cm/s MAX=119cm/s(ENE)
N-E:46% E-S:4% S-W:47% W-N:3%



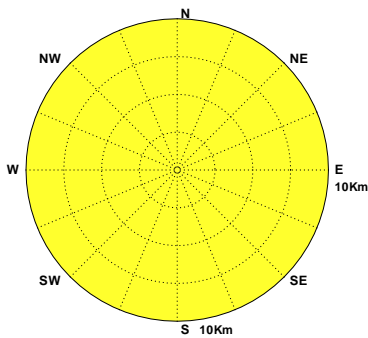
Current of KLX0 at 2018/04 NO=711(99%)
MEAN=30cm/s MAX=93cm/s(ENE)
N-E:44% E-S:17% S-W:23% W-N:16%



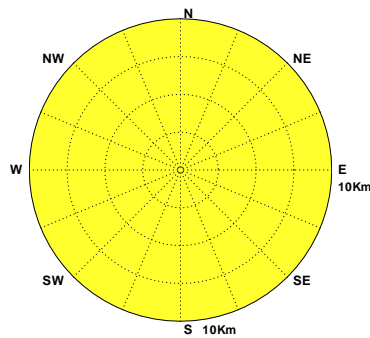
Current of SAX0 at 2018/04 NO=657(91%)
MEAN=15cm/s MAX=60cm/s(N)
N-E:32% E-S:14% S-W:29% W-N:25%



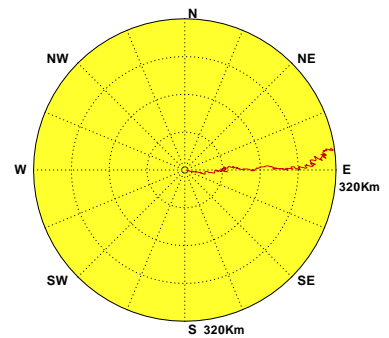
Current of HLX0 at 2018/04



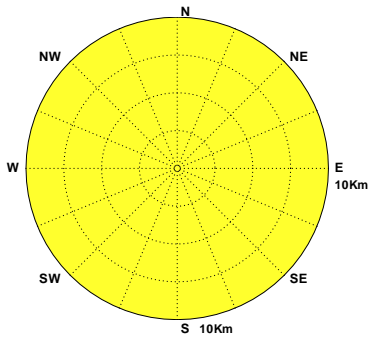
Current of LTX0 at 2018/04



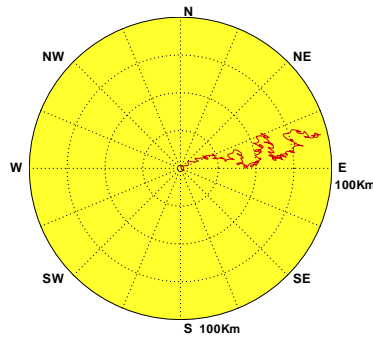
Current of PNZ0 at 2018/04 NO=693(96%)
MEAN=26cm/s MAX=91cm/s(E)
N-E:24% E-S:43% S-W:6% W-N:27%



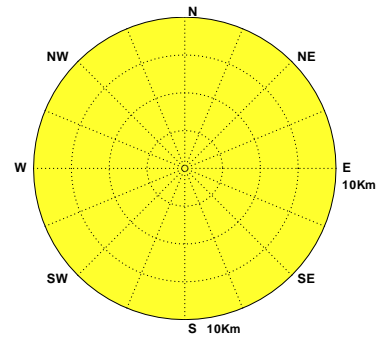
Current of KHX0 at 2018/04



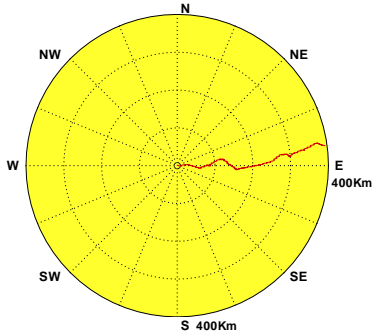
Current of CNX0 at 2018/04 NO=598(83%)
MEAN=19cm/s MAX=49cm/s(ESE)
N-E:26% E-S:29% S-W:13% W-N:32%



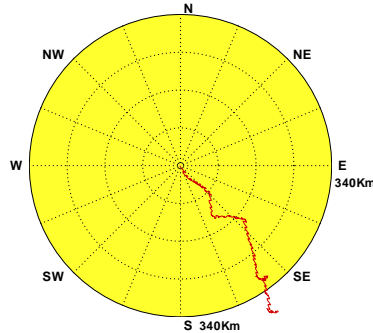
Current of TCX0 at 2018/04



Current of PHX0 at 2018/04 NO=720(100%)
MEAN=26cm/s MAX=66cm/s(E)
N-E:37% E-S:36% S-W:7% W-N:20%



Current of KMX0 at 2018/04 NO=701(97%)
MEAN=35cm/s MAX=93cm/s(WNW)
N-E:12% E-S:57% S-W:8% W-N:23%



Current of MSX0 at 2018/04 NO=711(99%)
MEAN=19cm/s MAX=78cm/s(NNE)
N-E:27% E-S:22% S-W:34% W-N:17%

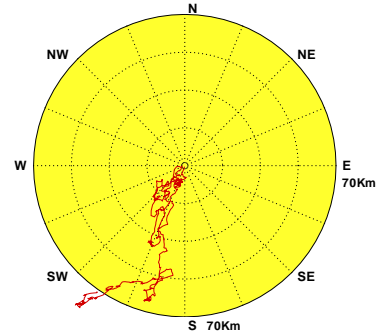


圖4.5b 2018年4月12海域主要測站1觀測海流向量行進圖

C184TPX0.1H0 C184KLX0.1H0 C184SAX0.1H0 C184HLX0.1H0 C184LTX0.1H0 C184PNZ0.1H0
C184KHX0.1H0 C184CNX0.1H0 C184TCX0.1H0 C184PHX0.1H0 C184KMX0.1H0 C184MSX0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

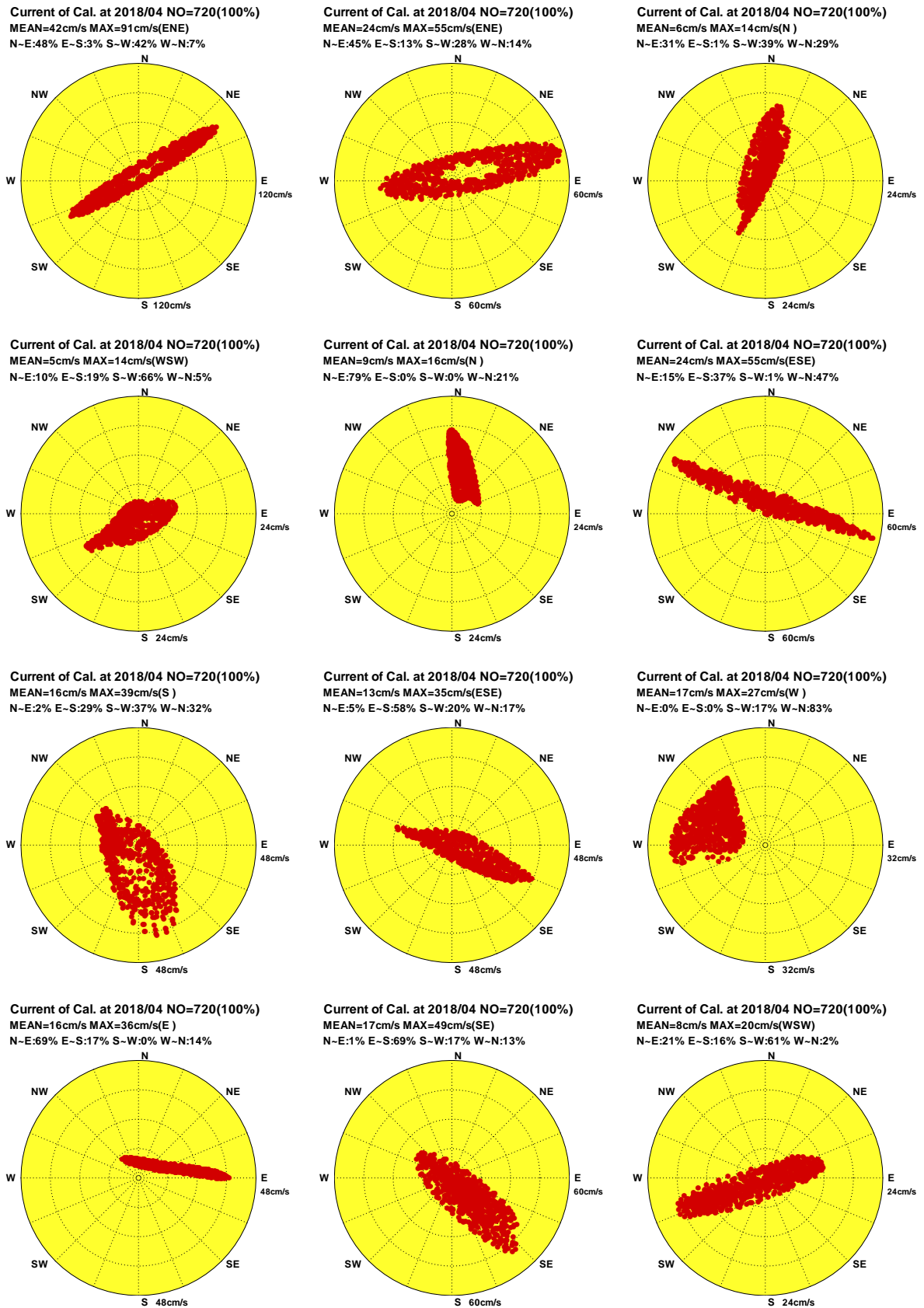


圖4.5c 2018年4月12海域主要測站1計算潮流向量分佈圖

C184TPX0.1HD C184KLX0.1HD C184SAX0.1HD C184HLX0.1HD C184LTX0.1HD C184PNZ0.1HD
 C184KHX0.1HD C184CNX0.1HD C184TCX0.1HD C184PHX0.1HD C184KMX0.1HD C184MSX0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

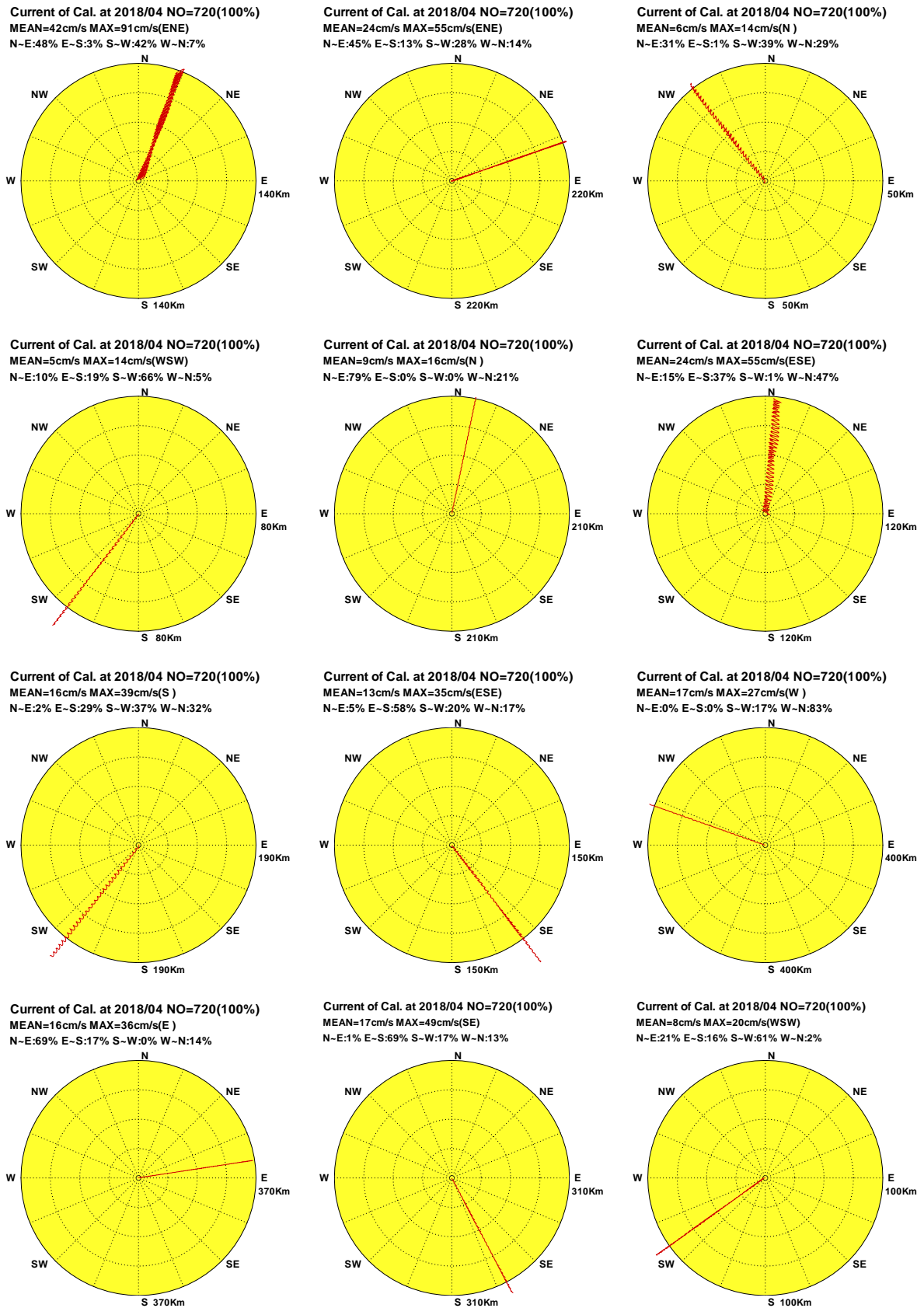


圖 4.5d 2018年 4月12海域主要測站1計算潮流向量行進圖

C184TPX0.1HD C184KLX0.1HD C184SAX0.1HD C184HLX0.1HD C184LTX0.1HD C184PNZ0.1HD
 C184KHX0.1HD C184CNX0.1HD C184TCX0.1HD C184PHX0.1HD C184KMX0.1HD C184MSX0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

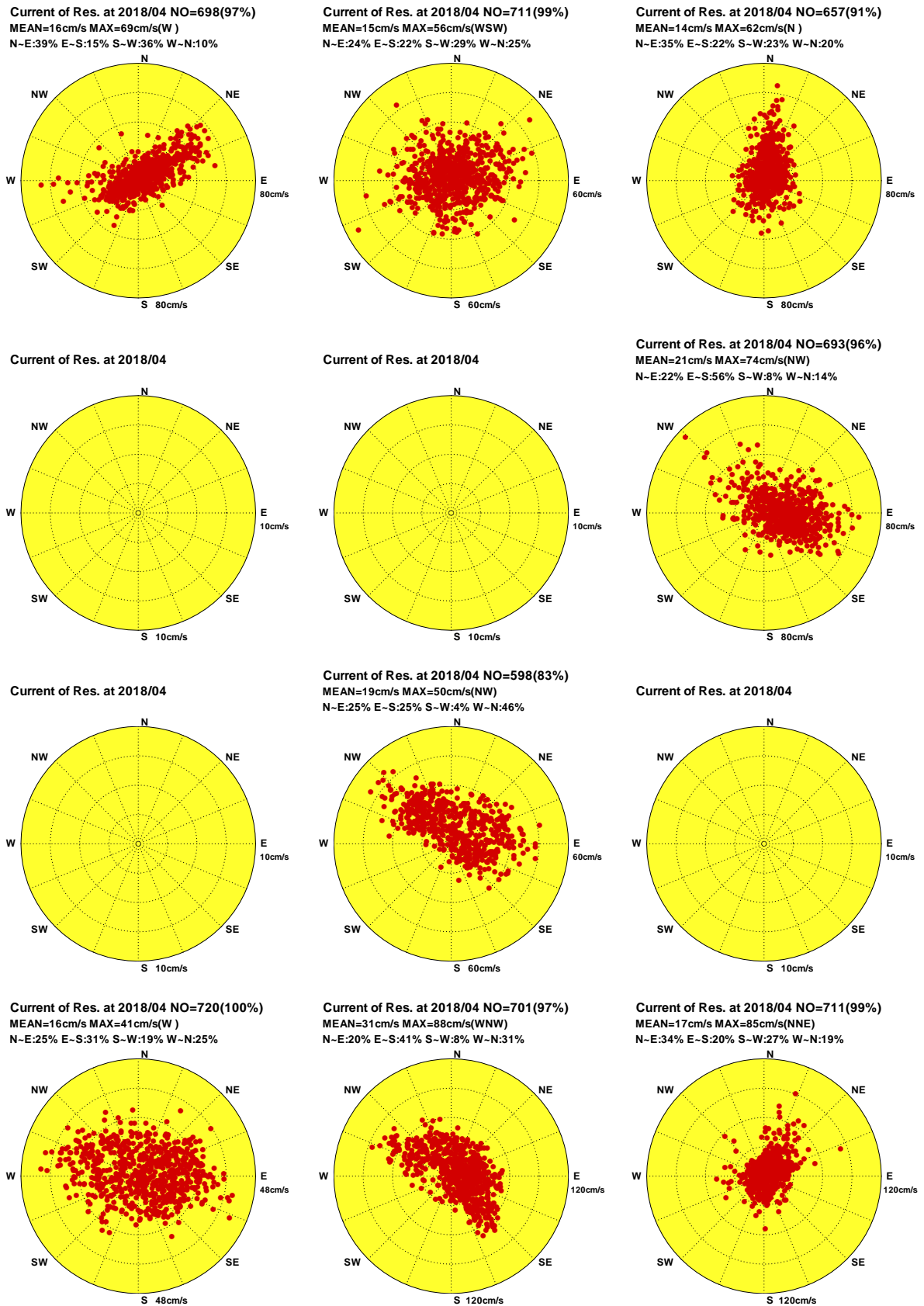


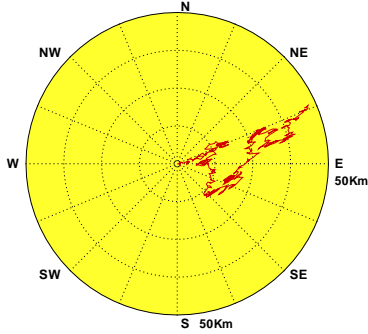
圖4.5e 2018年4月12海域主要測站1計算殘流向量分佈圖

C184TPX0.1HR C184KLX0.1HR C184SAX0.1HR C184HLX0.1HR C184LTX0.1HR C184PNZ0.1HR
 C184KHX0.1HR C184CNX0.1HR C184TCX0.1HR C184PHX0.1HR C184KMX0.1HR C184MSX0.1HR

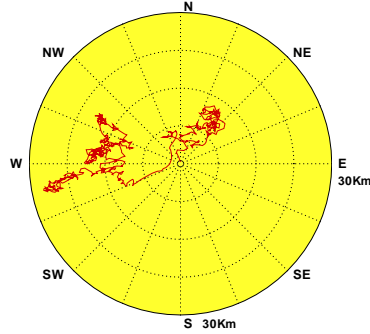
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

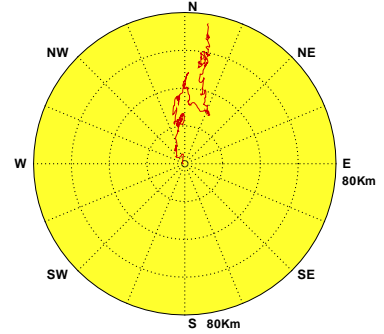
Current of Res. at 2018/04 NO=698(97%)
MEAN=16cm/s MAX=69cm/s(W)
N-E:39% E-S:15% S-W:36% W-N:10%



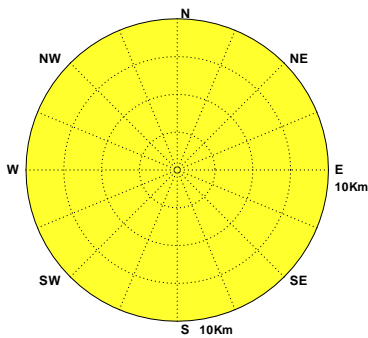
Current of Res. at 2018/04 NO=711(99%)
MEAN=15cm/s MAX=56cm/s(WSW)
N-E:24% E-S:22% S-W:29% W-N:25%



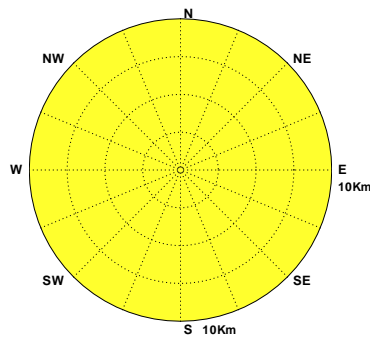
Current of Res. at 2018/04 NO=657(91%)
MEAN=14cm/s MAX=62cm/s(N)
N-E:35% E-S:22% S-W:23% W-N:20%



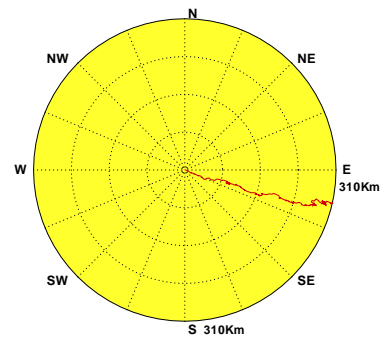
Current of Res. at 2018/04



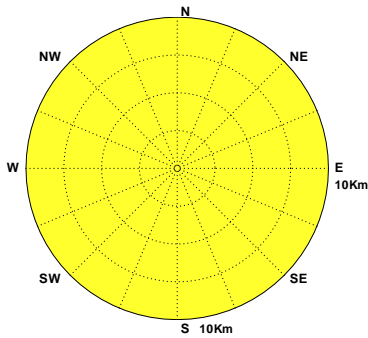
Current of Res. at 2018/04



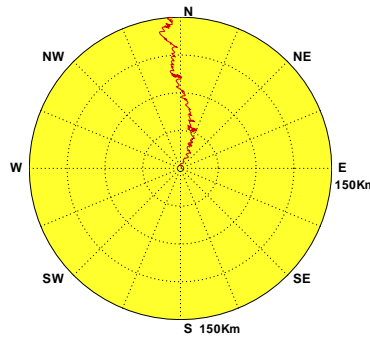
Current of Res. at 2018/04 NO=693(96%)
MEAN=21cm/s MAX=74cm/s(NW)
N-E:22% E-S:56% S-W:8% W-N:14%



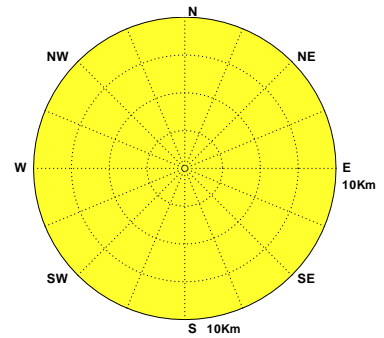
Current of Res. at 2018/04



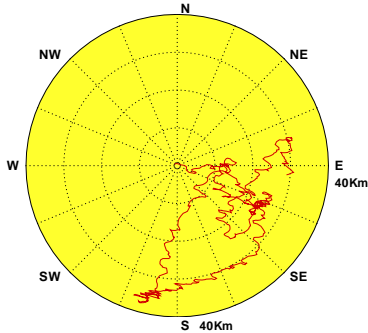
Current of Res. at 2018/04 NO=598(83%)
MEAN=19cm/s MAX=50cm/s(NW)
N-E:25% E-S:25% S-W:4% W-N:46%



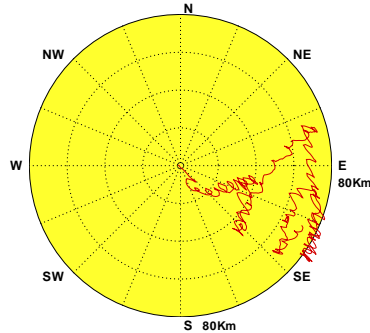
Current of Res. at 2018/04



Current of Res. at 2018/04 NO=720(100%)
MEAN=16cm/s MAX=41cm/s(W)
N-E:25% E-S:31% S-W:19% W-N:25%



Current of Res. at 2018/04 NO=701(97%)
MEAN=31cm/s MAX=88cm/s(WNW)
N-E:20% E-S:41% S-W:8% W-N:31%



Current of Res. at 2018/04 NO=711(99%)
MEAN=17cm/s MAX=85cm/s(NNE)
N-E:34% E-S:20% S-W:27% W-N:19%

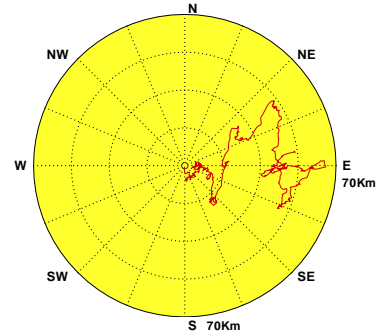


圖4.5f 2018年4月12海域主要測站1計算殘流向量行進圖

C184TPX0.1HR C184KLX0.1HR C184SAX0.1HR C184HLX0.1HR C184LTX0.1HR C184PNZ0.1HR
C184KHX0.1HR C184CNX0.1HR C184TCX0.1HR C184PHX0.1HR C184KMX0.1HR C184MSX0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

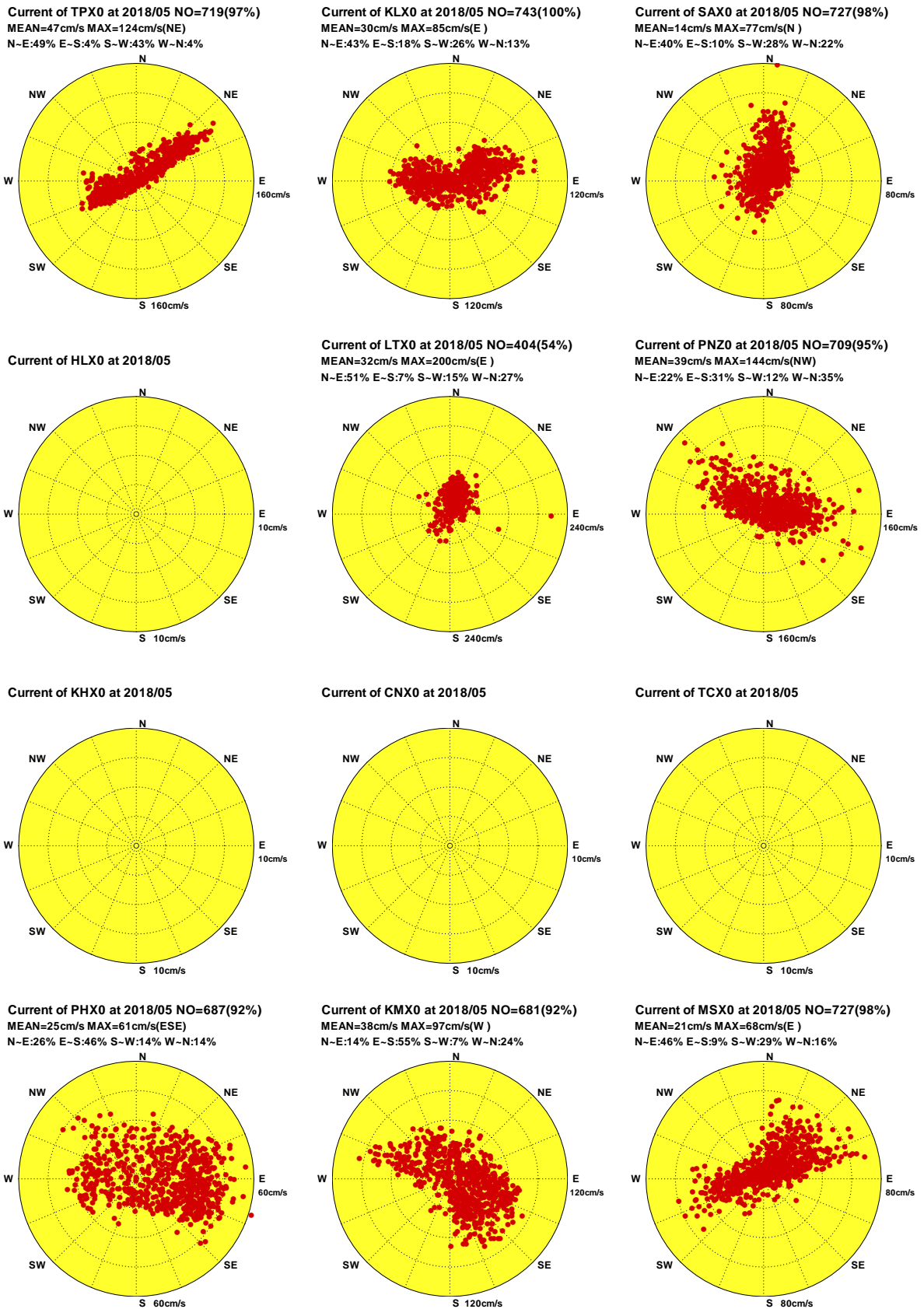


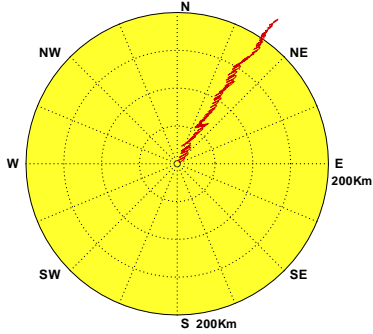
圖4.6a 2018年5月12海域主要測站1觀測海流向量分佈圖

C185TPX0.1H0 C185KLX0.1H0 C185SAX0.1H0 C185HLX0.1H0 C185LTX0.1H0 C185PNZ0.1H0
 C185KHX0.1H0 C185CNX0.1H0 C185TCX0.1H0 C185PHX0.1H0 C185KMX0.1H0 C185MSX0.1H0

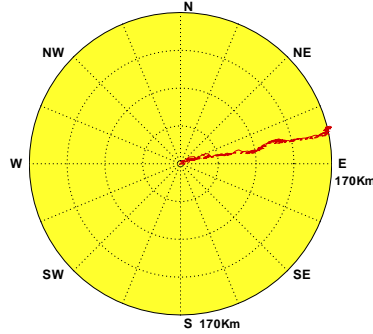
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

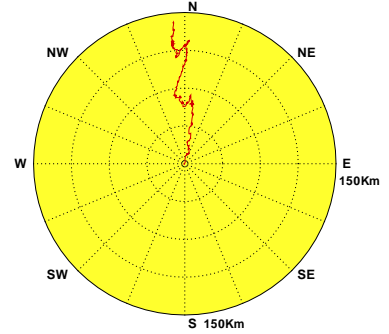
Current of TPX0 at 2018/05 NO=719(97%)
MEAN=47cm/s MAX=124cm/s(NE)
N-E:49% E-S:4% S-W:43% W-N:4%



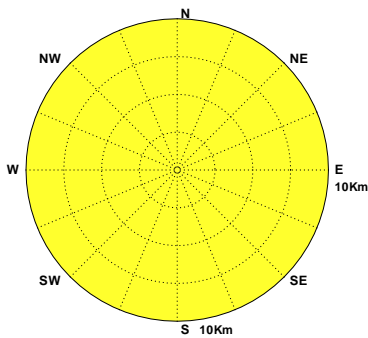
Current of KLX0 at 2018/05 NO=743(100%)
MEAN=30cm/s MAX=85cm/s(E)
N-E:43% E-S:18% S-W:26% W-N:13%



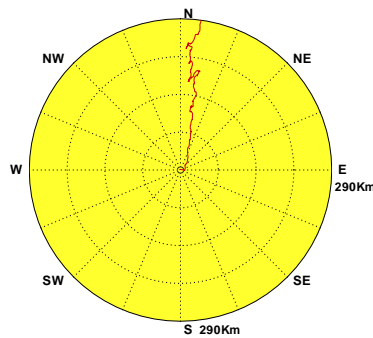
Current of SAX0 at 2018/05 NO=727(98%)
MEAN=14cm/s MAX=77cm/s(N)
N-E:40% E-S:10% S-W:28% W-N:22%



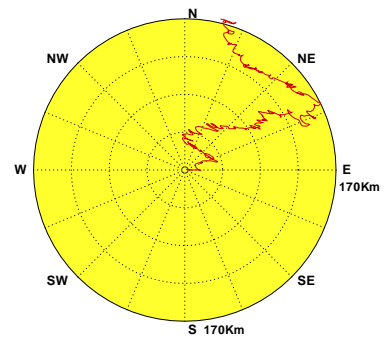
Current of HLX0 at 2018/05



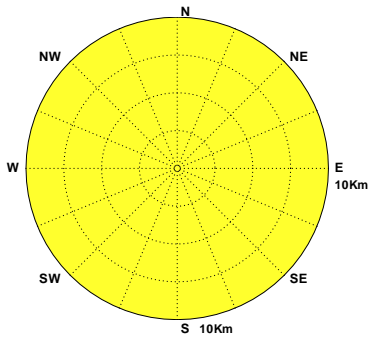
Current of LTX0 at 2018/05 NO=404(54%)
MEAN=32cm/s MAX=200cm/s(E)
N-E:51% E-S:7% S-W:15% W-N:27%



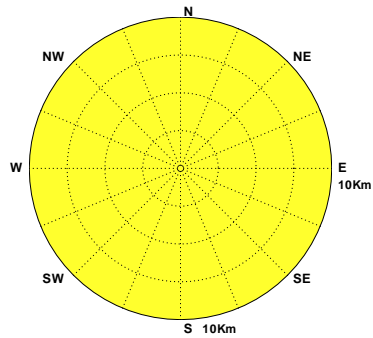
Current of PNZ0 at 2018/05 NO=709(95%)
MEAN=39cm/s MAX=144cm/s(NW)
N-E:22% E-S:31% S-W:12% W-N:35%



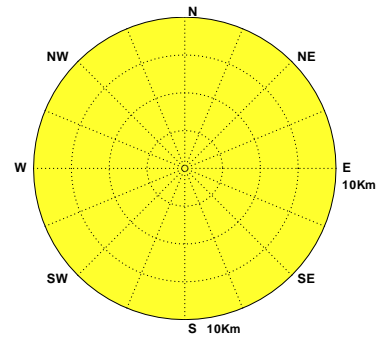
Current of KHX0 at 2018/05



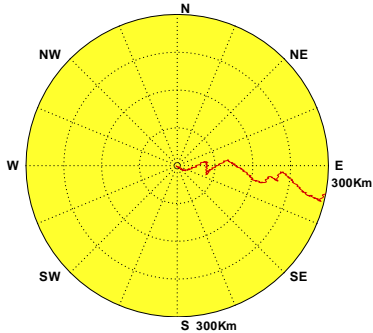
Current of CNX0 at 2018/05



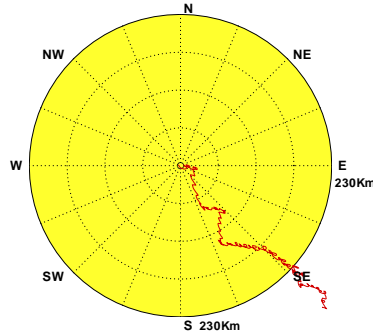
Current of TCX0 at 2018/05



Current of PHX0 at 2018/05 NO=687(92%)
MEAN=25cm/s MAX=61cm/s(ESE)
N-E:26% E-S:46% S-W:14% W-N:14%



Current of KMX0 at 2018/05 NO=681(92%)
MEAN=38cm/s MAX=97cm/s(W)
N-E:14% E-S:55% S-W:7% W-N:24%



Current of MSX0 at 2018/05 NO=727(98%)
MEAN=21cm/s MAX=68cm/s(E)
N-E:46% E-S:9% S-W:29% W-N:16%

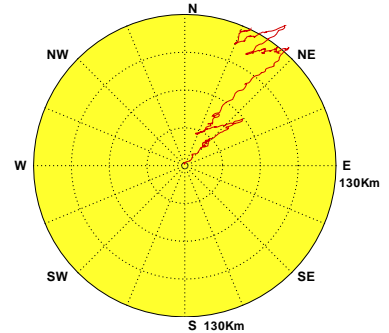


圖4.6b 2018年5月12海域主要測站1觀測海流向量行進圖

C185TPX0.1H0 C185KLX0.1H0 C185SAX0.1H0 C185HLX0.1H0 C185LTX0.1H0 C185PNZ0.1H0
C185KHX0.1H0 C185CNX0.1H0 C185TCX0.1H0 C185PHX0.1H0 C185KMX0.1H0 C185MSX0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

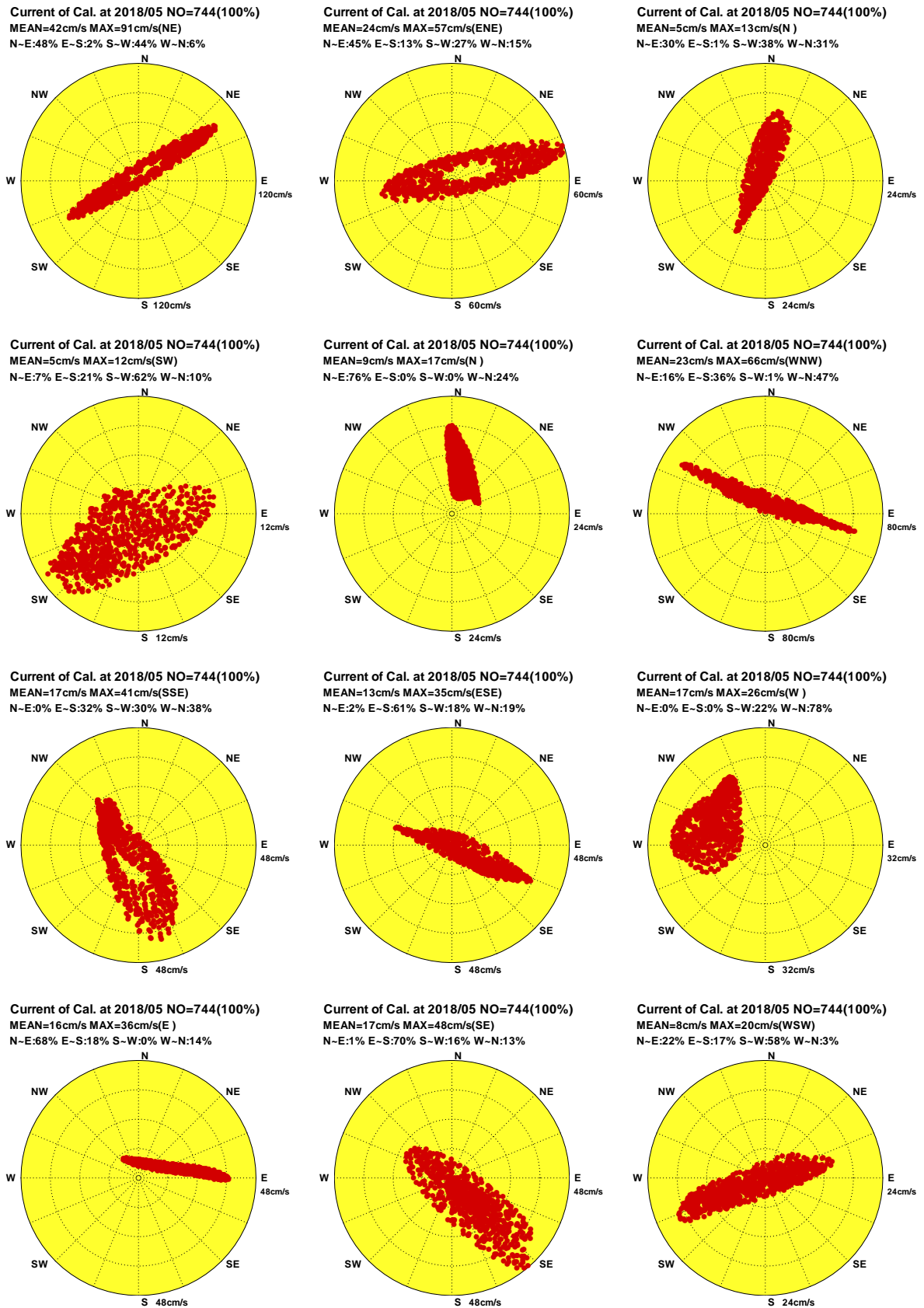


圖4.6c 2018年5月12海域主要測站1計算潮流向量分佈圖

C185TPX0.1HD C185KLX0.1HD C185SAX0.1HD C185HLX0.1HD C185LTX0.1HD C185PNZ0.1HD
C185KHX0.1HD C185CNX0.1HD C185TCX0.1HD C185PHX0.1HD C185KMX0.1HD C185MSX0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

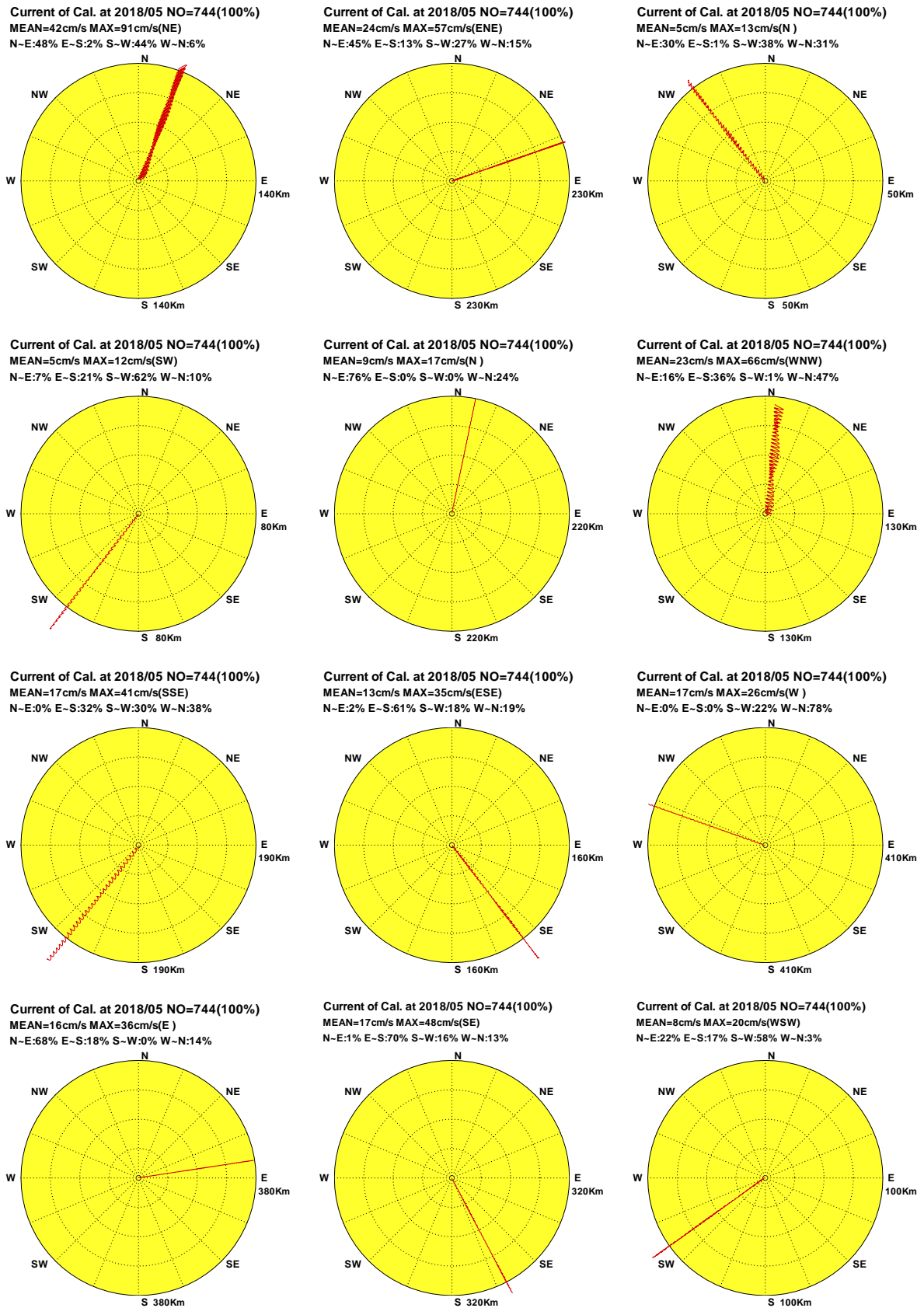


圖4.6d 2018年5月12海域主要測站1計算潮流向量行進圖

C185TPX0.1HD C185KLX0.1HD C185SAX0.1HD C185HLX0.1HD C185LTX0.1HD C185PNZ0.1HD
 C185KHX0.1HD C185CNX0.1HD C185TCX0.1HD C185PHX0.1HD C185KMX0.1HD C185MSX0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

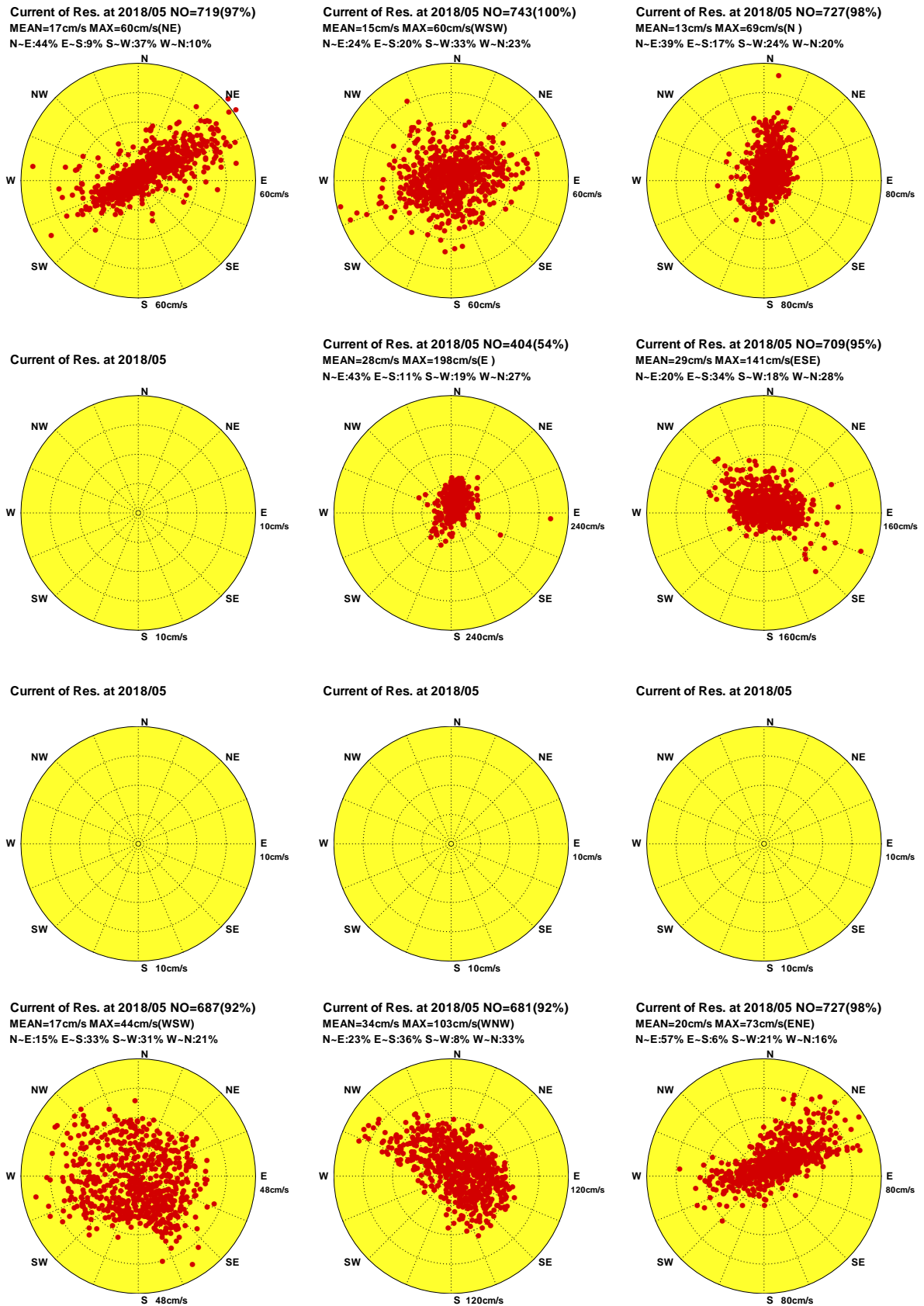


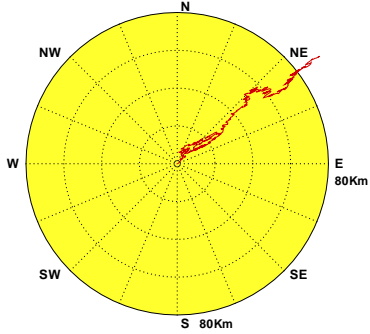
圖4.6e 2018年5月12海域主要測站1計算殘流向量分佈圖

C185TPX0.1HR C185KLX0.1HR C185SAX0.1HR C185HLX0.1HR C185LTX0.1HR C185PNZ0.1HR
C185KHX0.1HR C185CNX0.1HR C185TCX0.1HR C185PHX0.1HR C185KMX0.1HR C185MSX0.1HR

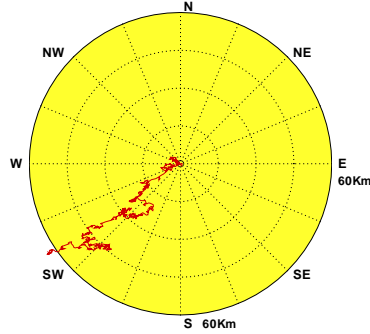
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

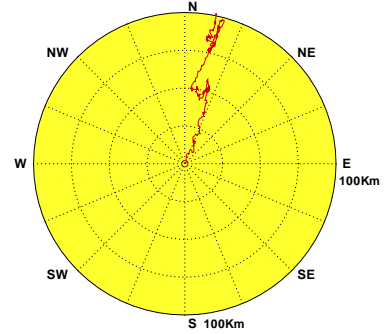
Current of Res. at 2018/05 NO=719(97%)
MEAN=17cm/s MAX=60cm/s(NE)
N-E:44% E-S:9% S-W:37% W-N:10%



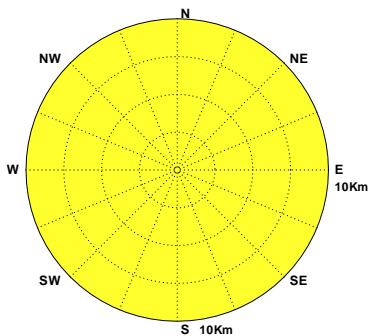
Current of Res. at 2018/05 NO=743(100%)
MEAN=15cm/s MAX=60cm/s(WSW)
N-E:24% E-S:20% S-W:33% W-N:23%



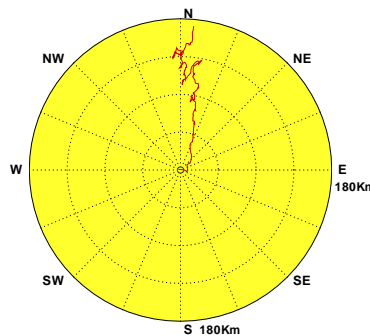
Current of Res. at 2018/05 NO=727(98%)
MEAN=13cm/s MAX=69cm/s(N)
N-E:39% E-S:17% S-W:24% W-N:20%



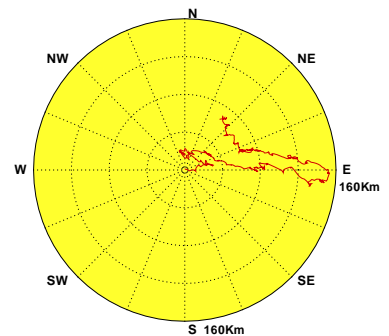
Current of Res. at 2018/05



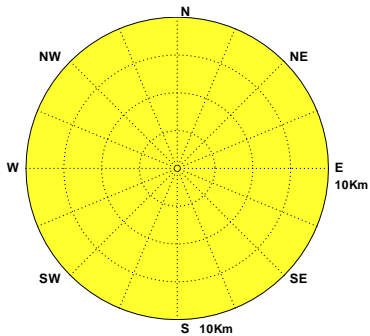
Current of Res. at 2018/05 NO=404(54%)
MEAN=28cm/s MAX=198cm/s(E)
N-E:43% E-S:11% S-W:19% W-N:27%



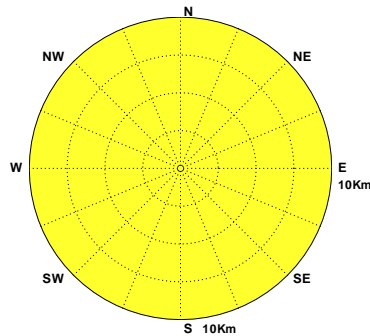
Current of Res. at 2018/05 NO=709(95%)
MEAN=29cm/s MAX=141cm/s(ESE)
N-E:20% E-S:34% S-W:18% W-N:28%



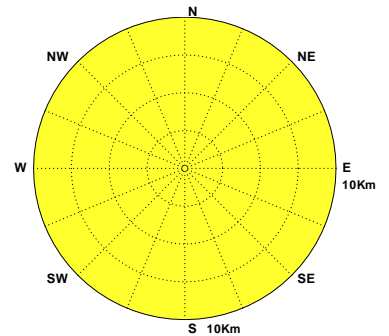
Current of Res. at 2018/05



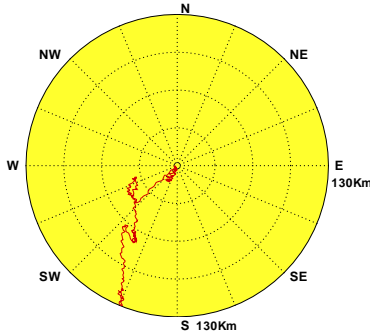
Current of Res. at 2018/05



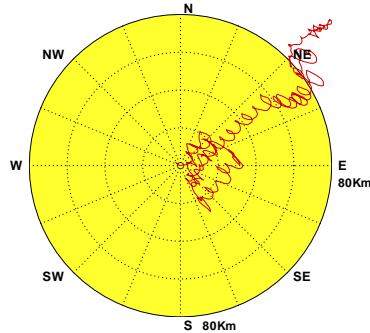
Current of Res. at 2018/05



Current of Res. at 2018/05 NO=687(92%)
MEAN=17cm/s MAX=44cm/s(WSW)
N-E:15% E-S:33% S-W:31% W-N:21%



Current of Res. at 2018/05 NO=681(92%)
MEAN=34cm/s MAX=103cm/s(WNW)
N-E:23% E-S:36% S-W:8% W-N:33%



Current of Res. at 2018/05 NO=727(98%)
MEAN=20cm/s MAX=73cm/s(ENE)
N-E:57% E-S:6% S-W:21% W-N:16%

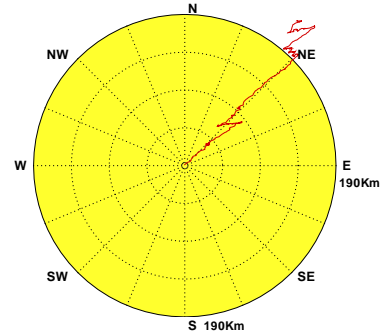


圖4.6f 2018年5月12海域主要測站1計算殘流向量行進圖

C185TPX0.1HR C185KLX0.1HR C185SAX0.1HR C185HLX0.1HR C185LTX0.1HR C185PNZ0.1HR
C185KHX0.1HR C185CNX0.1HR C185TCX0.1HR C185PHX0.1HR C185KMX0.1HR C185MSX0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

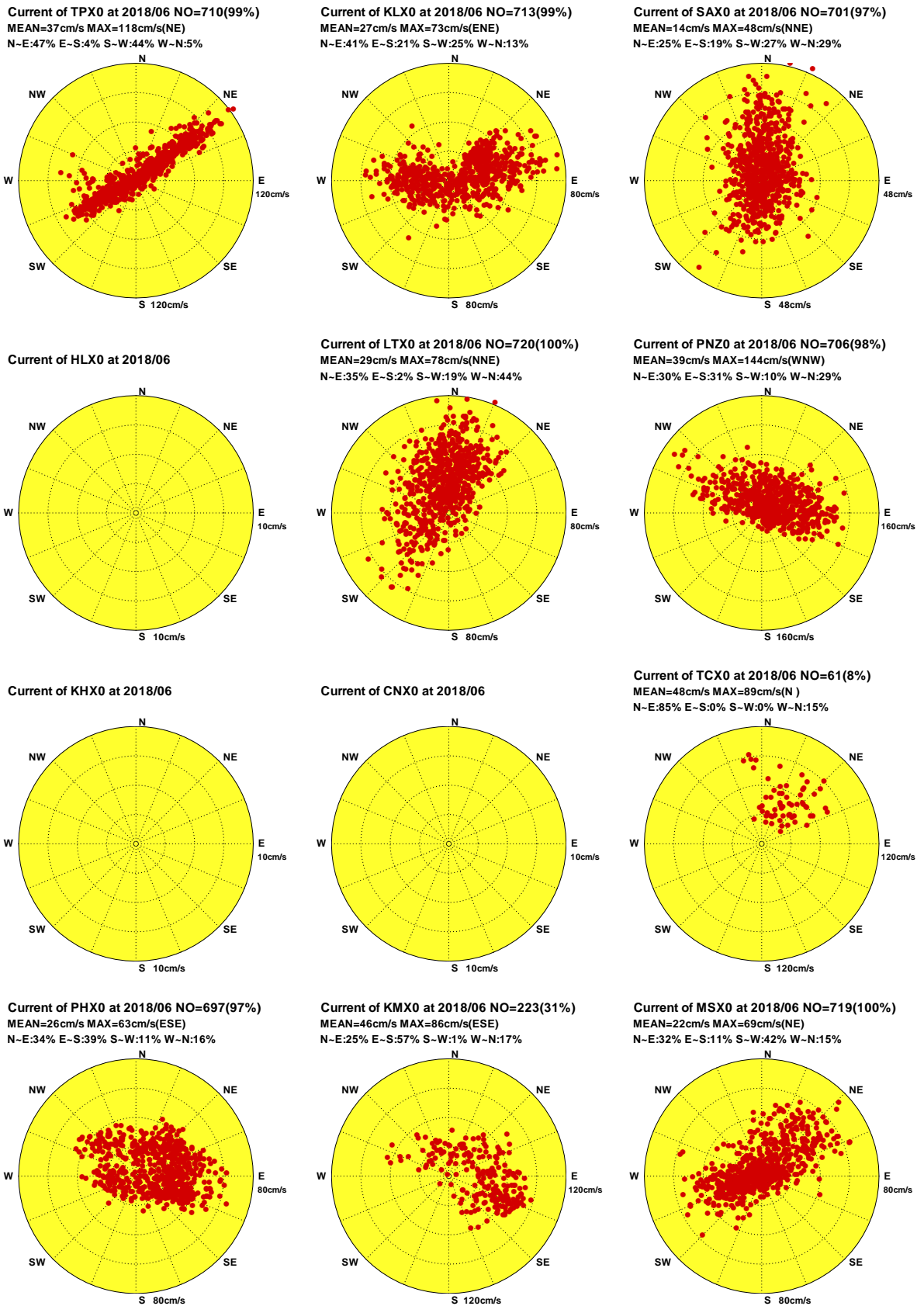


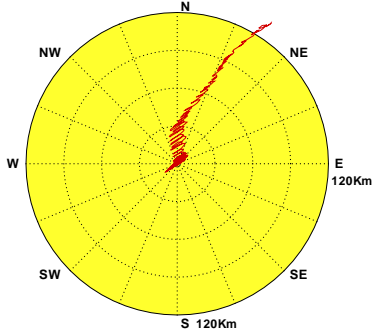
圖4.7a 2018年6月12海域主要測站1觀測海流向量分佈圖

C186TPX0.1H0 C186KLX0.1H0 C186SAX0.1H0 C186HLX0.1H0 C186LTX0.1H0 C186PNZ0.1H0
 C186KHX0.1H0 C186CNX0.1H0 C186TCX0.1H0 C186PHX0.1H0 C186KMX0.1H0 C186MSX0.1H0

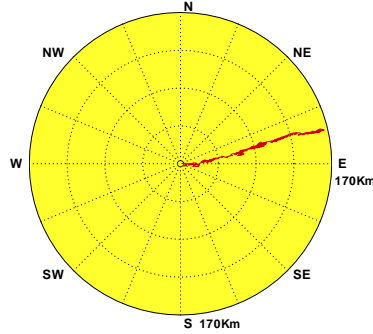
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

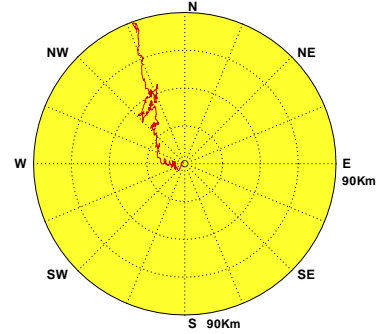
Current of TPX0 at 2018/06 NO=710(99%)
MEAN=37cm/s MAX=118cm/s(NE)
N-E:47% E-S:4% S-W:44% W-N:5%



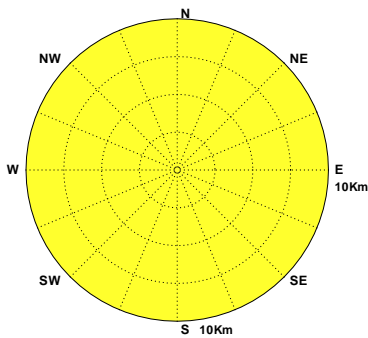
Current of KLX0 at 2018/06 NO=713(99%)
MEAN=27cm/s MAX=73cm/s(ENE)
N-E:41% E-S:21% S-W:25% W-N:13%



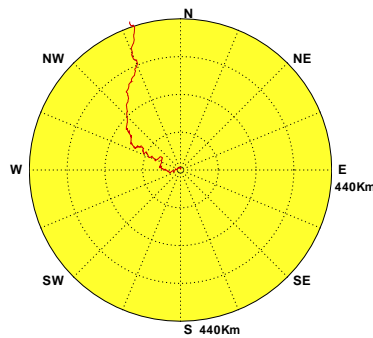
Current of SAX0 at 2018/06 NO=701(97%)
MEAN=14cm/s MAX=48cm/s(NNE)
N-E:25% E-S:19% S-W:27% W-N:29%



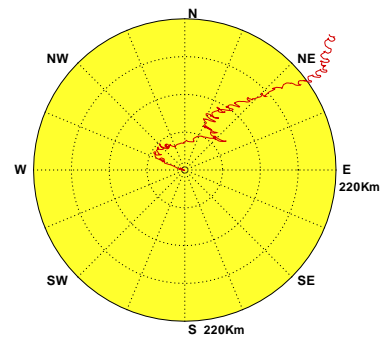
Current of HLX0 at 2018/06



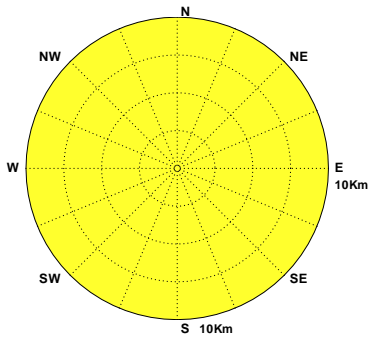
Current of LTX0 at 2018/06 NO=720(100%)
MEAN=29cm/s MAX=78cm/s(NNE)
N-E:35% E-S:2% S-W:19% W-N:44%



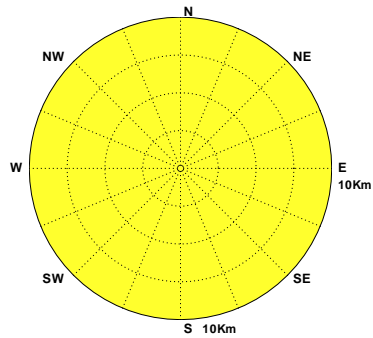
Current of PNZ0 at 2018/06 NO=706(98%)
MEAN=39cm/s MAX=144cm/s(WNW)
N-E:30% E-S:31% S-W:10% W-N:29%



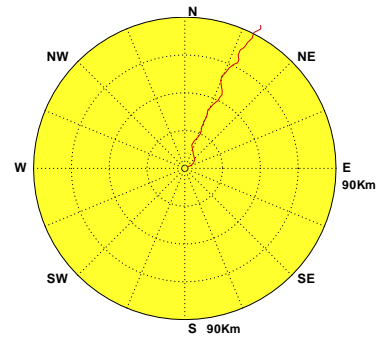
Current of KHX0 at 2018/06



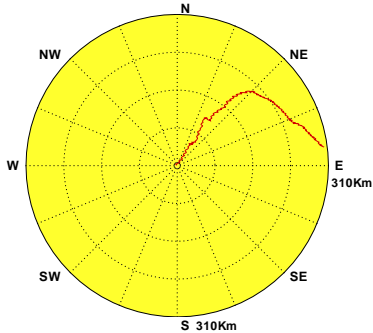
Current of CNX0 at 2018/06



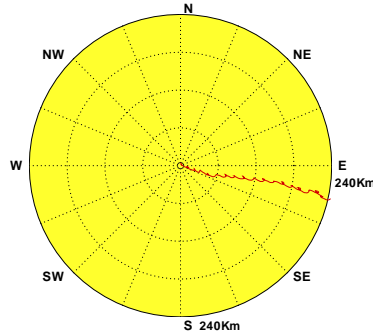
Current of TCX0 at 2018/06 NO=61(8%)
MEAN=48cm/s MAX=89cm/s(N)
N-E:85% E-S:0% S-W:0% W-N:15%



Current of PHX0 at 2018/06 NO=697(97%)
MEAN=26cm/s MAX=63cm/s(ESE)
N-E:34% E-S:39% S-W:11% W-N:16%



Current of KMX0 at 2018/06 NO=223(31%)
MEAN=46cm/s MAX=86cm/s(ESE)
N-E:25% E-S:57% S-W:1% W-N:17%



Current of MSX0 at 2018/06 NO=719(100%)
MEAN=22cm/s MAX=69cm/s(NE)
N-E:32% E-S:11% S-W:42% W-N:15%

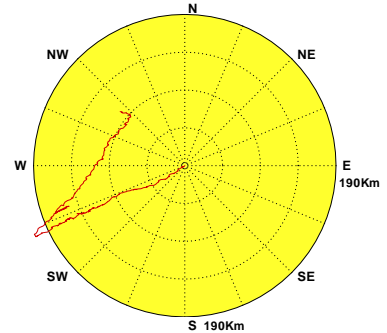


圖4.7b 2018年6月12海域主要測站1觀測海流向量行進圖

C186TPX0.1H0 C186KLX0.1H0 C186SAX0.1H0 C186HLX0.1H0 C186LTX0.1H0 C186PNZ0.1H0
C186KHX0.1H0 C186CNX0.1H0 C186TCX0.1H0 C186PHX0.1H0 C186KMX0.1H0 C186MSX0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

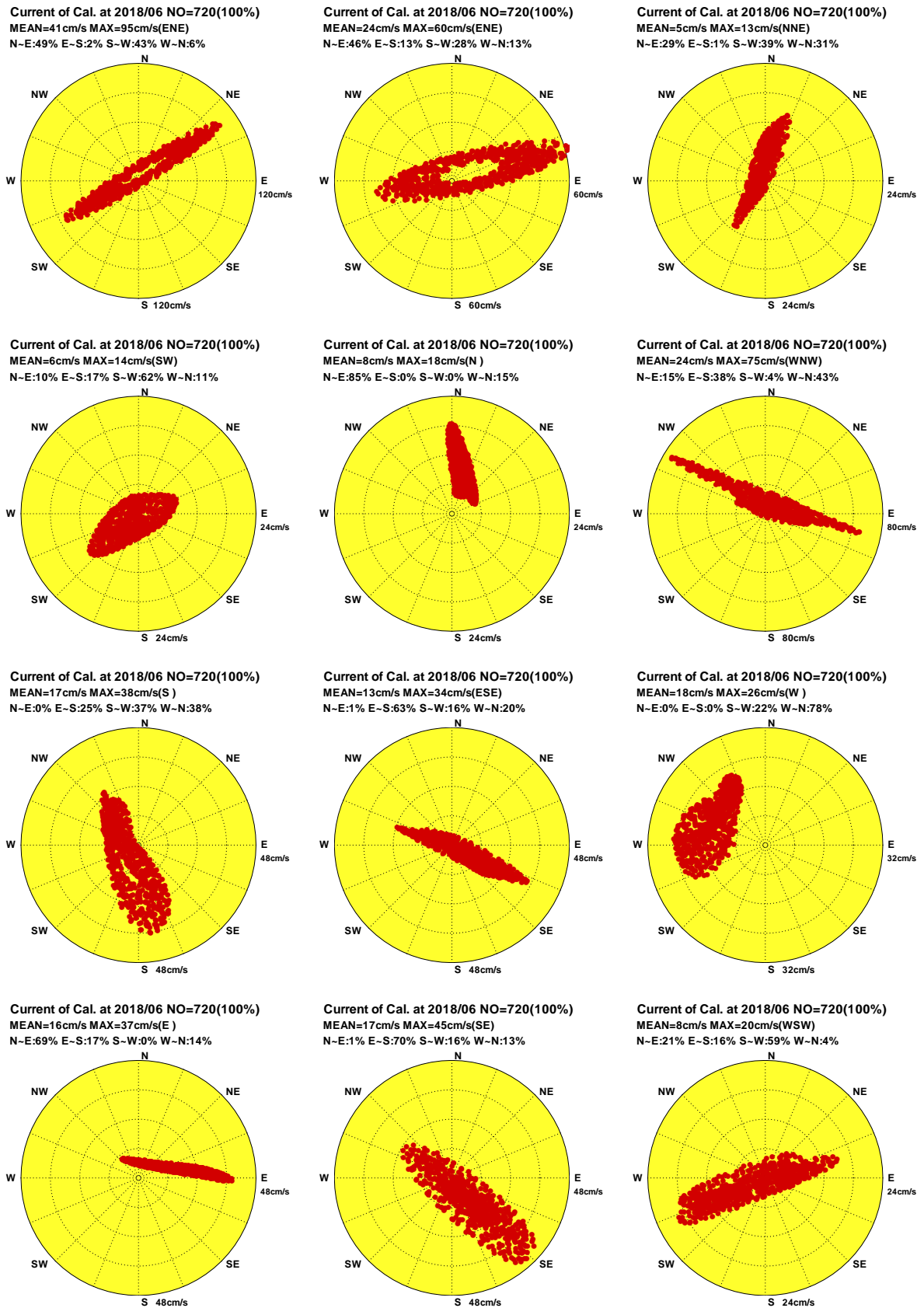


圖4.7c 2018年6月12海域主要測站1計算潮流向量分佈圖

C186TPX0.1HD C186KLX0.1HD C186SAX0.1HD C186HLX0.1HD C186LTX0.1HD C186PNZ0.1HD
C186KHX0.1HD C186CNX0.1HD C186TCX0.1HD C186PHX0.1HD C186KMX0.1HD C186MSX0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

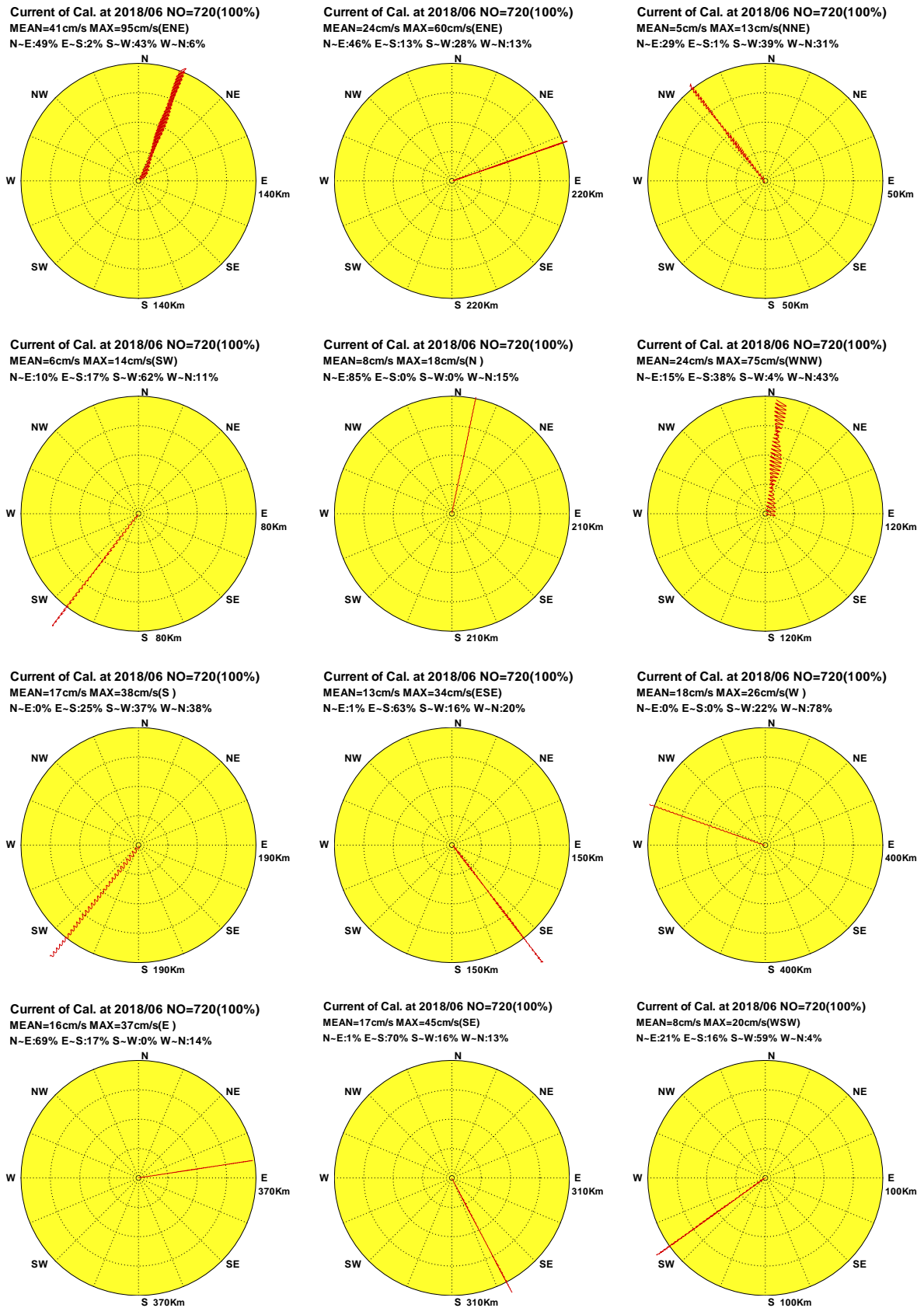


圖4.7d 2018年6月12海域主要測站1計算潮流向量行進圖

C186TPX0.1HD C186KLX0.1HD C186SAX0.1HD C186HLX0.1HD C186LTX0.1HD C186PNZ0.1HD
 C186KHX0.1HD C186CNX0.1HD C186TCX0.1HD C186PHX0.1HD C186KMX0.1HD C186MSX0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

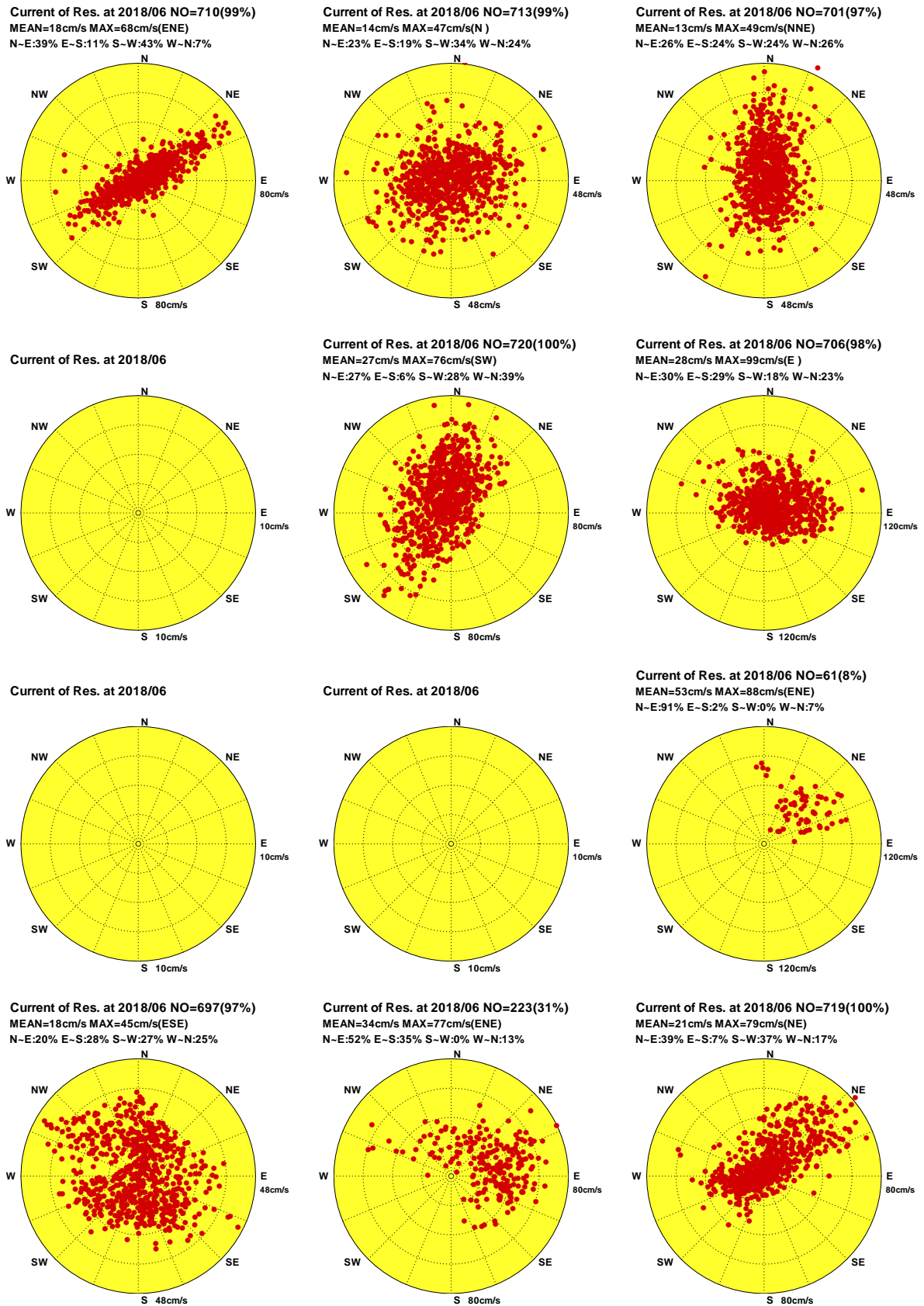


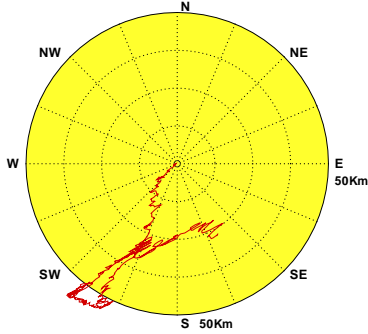
圖4.7e 2018年6月12海域主要測站1計算殘流向量分佈圖

C186TPX0.1HR C186KLX0.1HR C186SAX0.1HR C186HLX0.1HR C186LTX0.1HR C186PNZ0.1HR
 C186KHX0.1HR C186CNX0.1HR C186TCX0.1HR C186PHX0.1HR C186KMX0.1HR C186MSX0.1HR

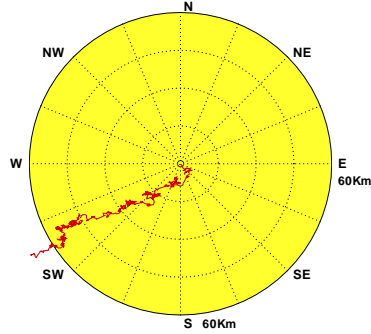
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

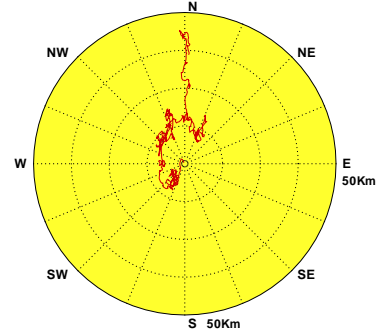
Current of Res. at 2018/06 NO=710(99%)
MEAN=18cm/s MAX=68cm/s(ESE)
N-E:39% E-S:11% S-W:43% W-N:7%



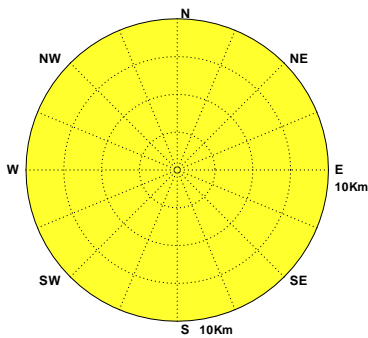
Current of Res. at 2018/06 NO=713(99%)
MEAN=14cm/s MAX=47cm/s(N)
N-E:23% E-S:19% S-W:34% W-N:24%



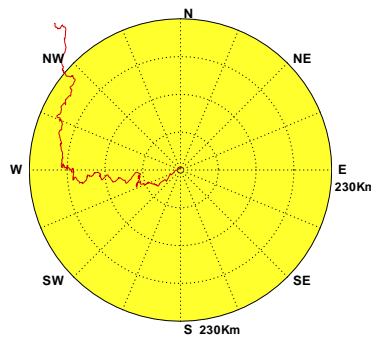
Current of Res. at 2018/06 NO=701(97%)
MEAN=13cm/s MAX=49cm/s(NNE)
N-E:26% E-S:24% S-W:24% W-N:26%



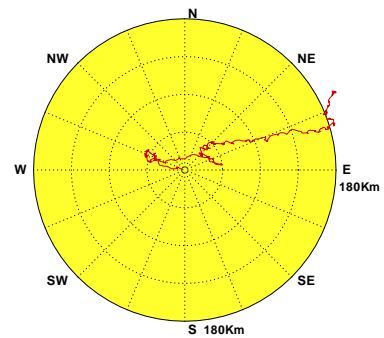
Current of Res. at 2018/06



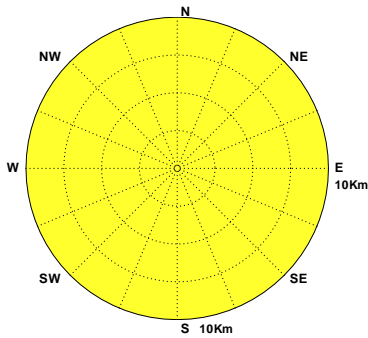
Current of Res. at 2018/06 NO=720(100%)
MEAN=27cm/s MAX=76cm/s(SW)
N-E:27% E-S:6% S-W:28% W-N:39%



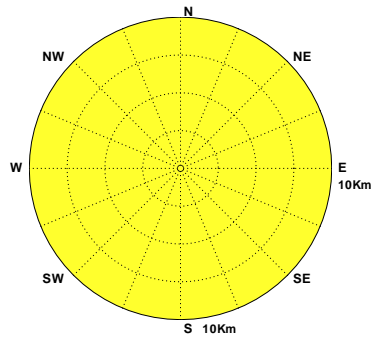
Current of Res. at 2018/06 NO=706(98%)
MEAN=28cm/s MAX=99cm/s(E)
N-E:30% E-S:29% S-W:18% W-N:23%



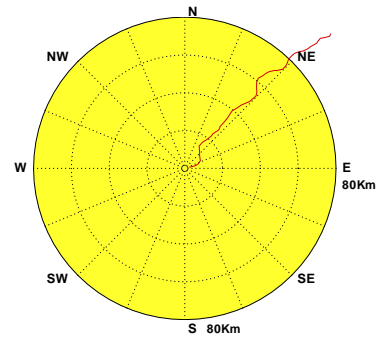
Current of Res. at 2018/06



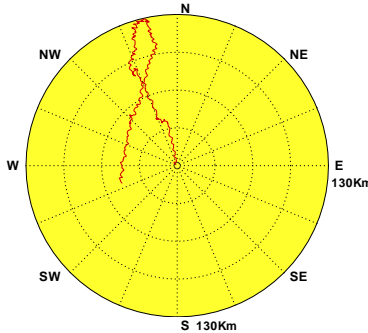
Current of Res. at 2018/06



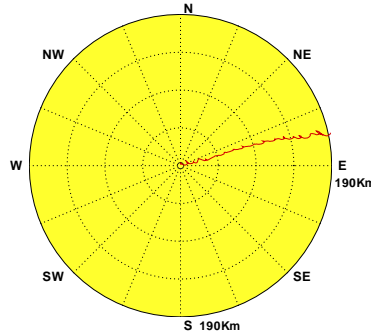
Current of Res. at 2018/06 NO=61(8%)
MEAN=53cm/s MAX=88cm/s(ENE)
N-E:91% E-S:2% S-W:0% W-N:7%



Current of Res. at 2018/06 NO=697(97%)
MEAN=18cm/s MAX=45cm/s(ESE)
N-E:20% E-S:28% S-W:27% W-N:25%



Current of Res. at 2018/06 NO=223(31%)
MEAN=34cm/s MAX=77cm/s(ENE)
N-E:52% E-S:35% S-W:0% W-N:13%



Current of Res. at 2018/06 NO=719(100%)
MEAN=21cm/s MAX=79cm/s(NE)
N-E:39% E-S:7% S-W:37% W-N:17%

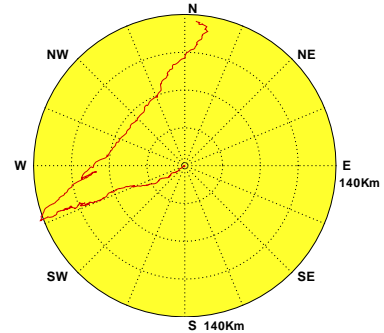


圖4.7f 2018年6月12海域主要測站1計算殘流向量行進圖

C186TPX0.1HR C186KLX0.1HR C186SAX0.1HR C186HLX0.1HR C186LTX0.1HR C186PNZ0.1HR
C186KHX0.1HR C186CNX0.1HR C186TCX0.1HR C186PHX0.1HR C186KMX0.1HR C186MSX0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

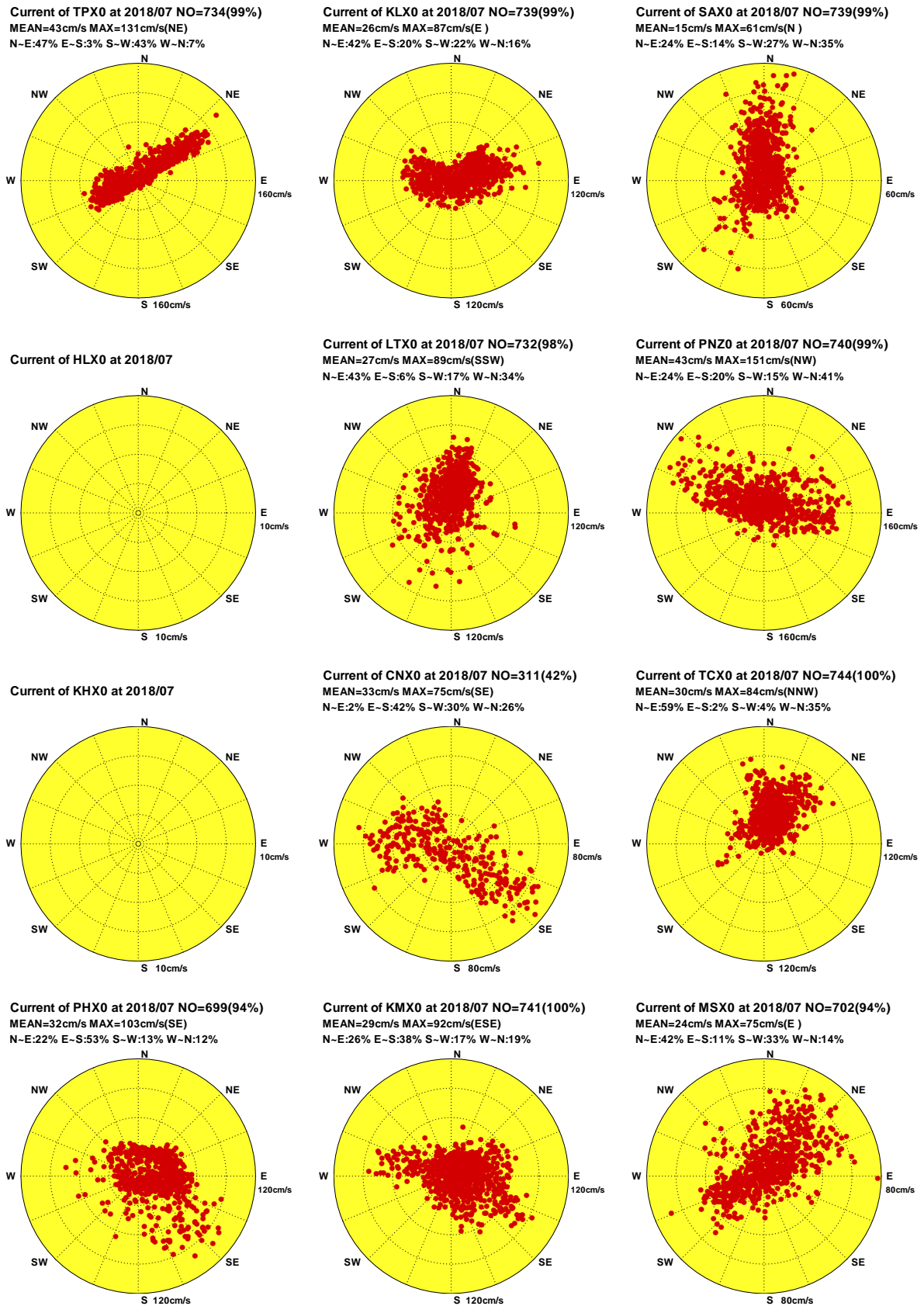


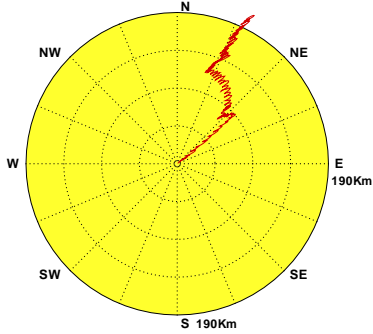
圖4.8a 2018年7月12海域主要測站1觀測海流向量分佈圖

C187TPX0.1H0 C187KLX0.1H0 C187SAX0.1H0 C187HLX0.1H0 C187LTX0.1H0 C187PNZ0.1H0
 C187KHX0.1H0 C187CNX0.1H0 C187TCX0.1H0 C187PHX0.1H0 C187KMX0.1H0 C187MSX0.1H0

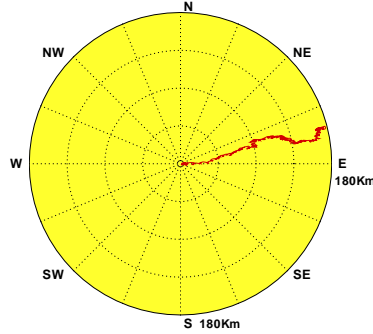
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

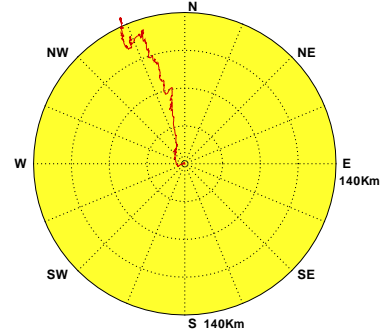
Current of TPX0 at 2018/07 NO=734(99%)
MEAN=43cm/s MAX=131cm/s(NE)
N-E:47% E-S:3% S-W:43% W-N:7%



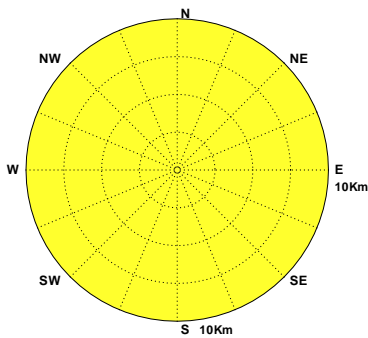
Current of KLX0 at 2018/07 NO=739(99%)
MEAN=26cm/s MAX=87cm/s(E)
N-E:42% E-S:20% S-W:22% W-N:16%



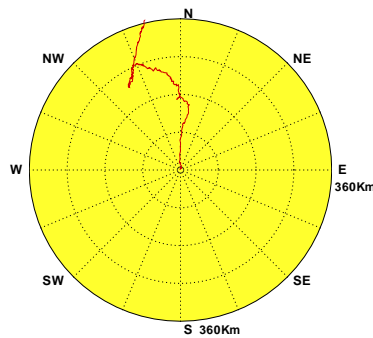
Current of SAX0 at 2018/07 NO=739(99%)
MEAN=15cm/s MAX=61cm/s(N)
N-E:24% E-S:14% S-W:27% W-N:35%



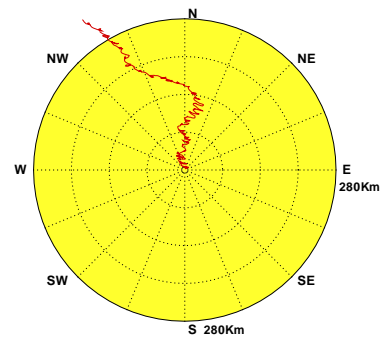
Current of HLX0 at 2018/07



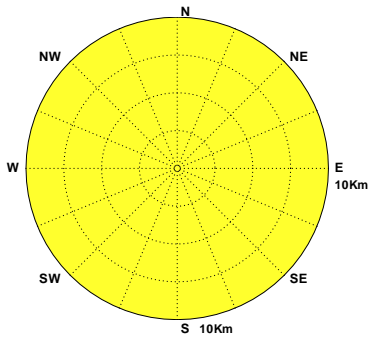
Current of LTX0 at 2018/07 NO=732(98%)
MEAN=27cm/s MAX=89cm/s(SSW)
N-E:43% E-S:6% S-W:17% W-N:34%



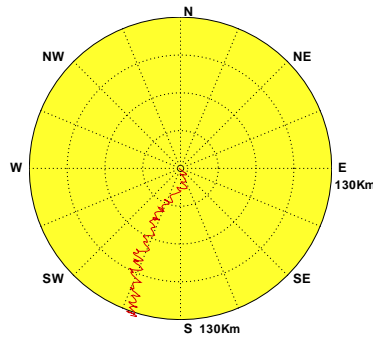
Current of PNZ0 at 2018/07 NO=740(99%)
MEAN=43cm/s MAX=151cm/s(NW)
N-E:24% E-S:20% S-W:15% W-N:41%



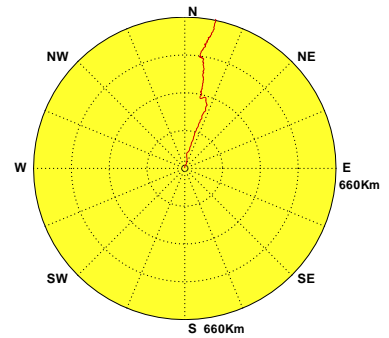
Current of KHX0 at 2018/07



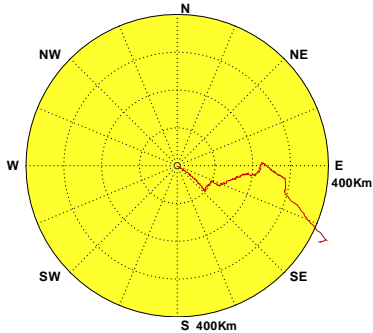
Current of CNX0 at 2018/07 NO=311(42%)
MEAN=33cm/s MAX=75cm/s(SE)
N-E:2% E-S:42% S-W:30% W-N:26%



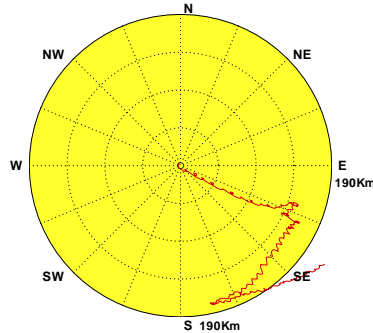
Current of TCX0 at 2018/07 NO=744(100%)
MEAN=30cm/s MAX=84cm/s(NNW)
N-E:59% E-S:2% S-W:4% W-N:35%



Current of PHX0 at 2018/07 NO=699(94%)
MEAN=32cm/s MAX=103cm/s(SE)
N-E:22% E-S:53% S-W:13% W-N:12%



Current of KMX0 at 2018/07 NO=741(100%)
MEAN=29cm/s MAX=92cm/s(ESE)
N-E:26% E-S:38% S-W:17% W-N:19%



Current of MSX0 at 2018/07 NO=702(94%)
MEAN=24cm/s MAX=75cm/s(E)
N-E:42% E-S:11% S-W:33% W-N:14%

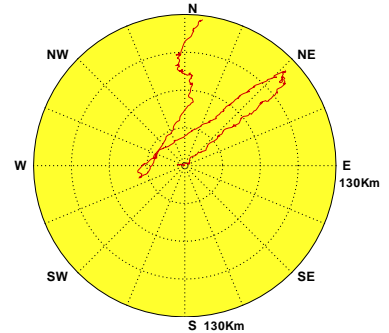


圖4.8b 2018年7月12海域主要測站1觀測海流向量行進圖

C187TPX0.1H0 C187KLX0.1H0 C187SAX0.1H0 C187HLX0.1H0 C187LTX0.1H0 C187PNZ0.1H0
C187KHX0.1H0 C187CNX0.1H0 C187TCX0.1H0 C187PHX0.1H0 C187KMX0.1H0 C187MSX0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

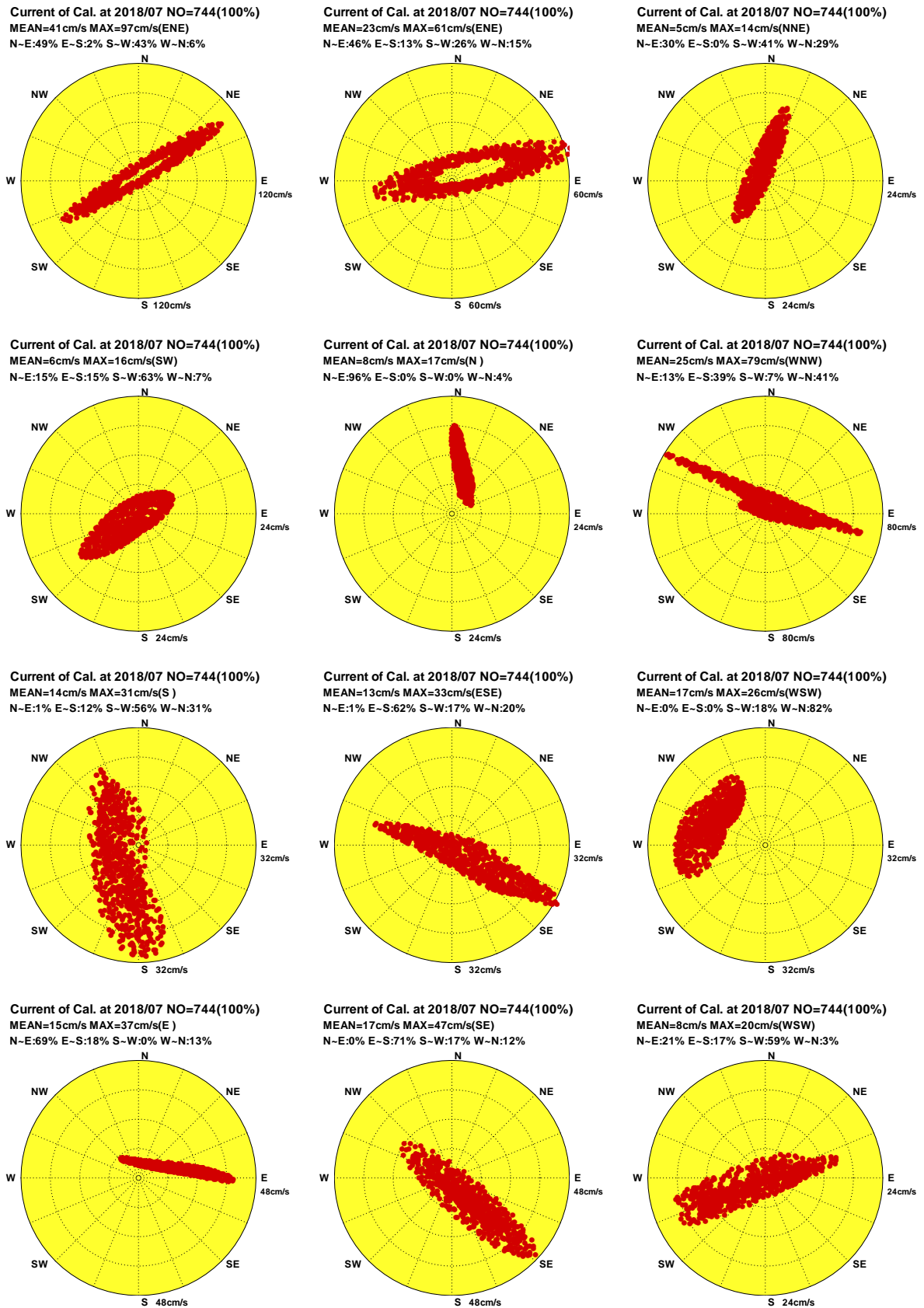


圖4.8c 2018年7月12海域主要測站1計算潮流向量分佈圖

C187TPX0.1HD C187KLX0.1HD C187SAX0.1HD C187HLX0.1HD C187LTX0.1HD C187PNZ0.1HD
C187KHX0.1HD C187CNX0.1HD C187TCX0.1HD C187PHX0.1HD C187KMX0.1HD C187MSX0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

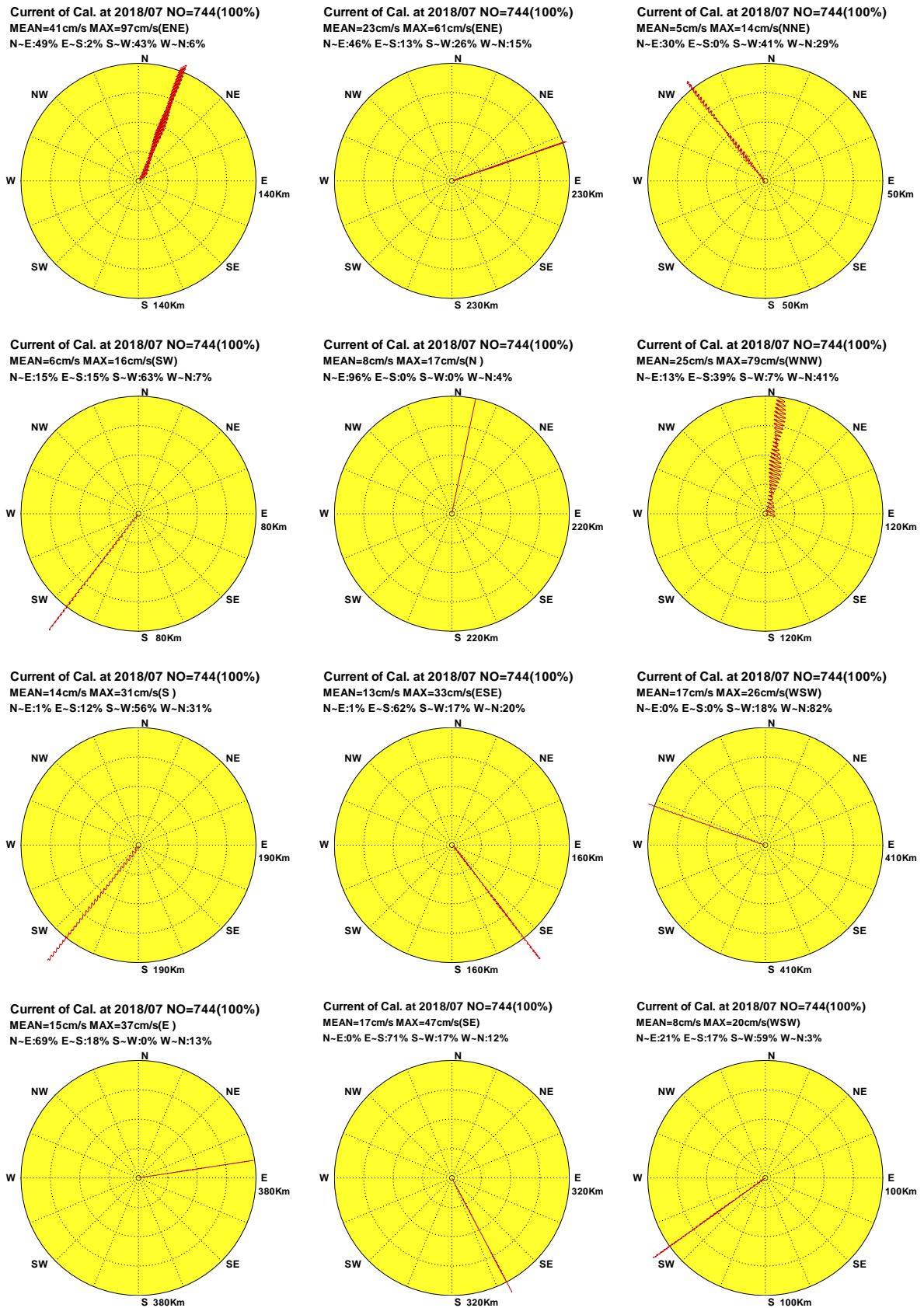


圖4.8d 2018年7月12海域主要測站1計算潮流向量行進圖

C187TPX0.1HD C187KLX0.1HD C187SAX0.1HD C187HLX0.1HD C187LTX0.1HD C187PNZ0.1HD
C187KHX0.1HD C187CNX0.1HD C187TCX0.1HD C187PHX0.1HD C187KMX0.1HD C187MSX0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

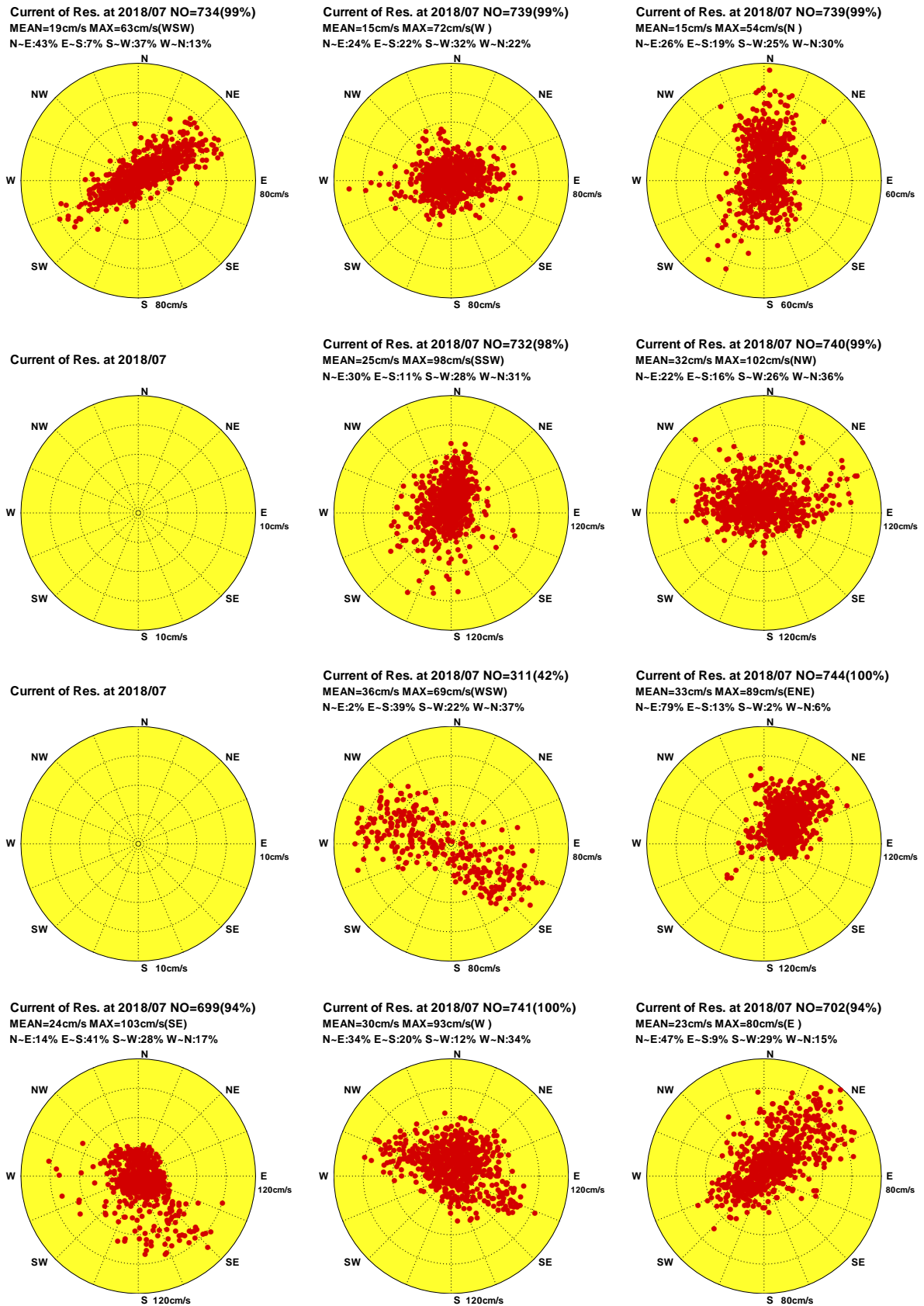


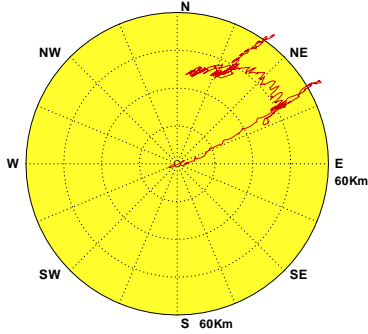
圖4.8e 2018年7月12海域主要測站1計算殘流向量分佈圖

C187TPX0.1HR C187KLX0.1HR C187SAX0.1HR C187HLX0.1HR C187LTX0.1HR C187PNZ0.1HR
 C187KHX0.1HR C187CNX0.1HR C187TCX0.1HR C187PHX0.1HR C187KMX0.1HR C187MSX0.1HR

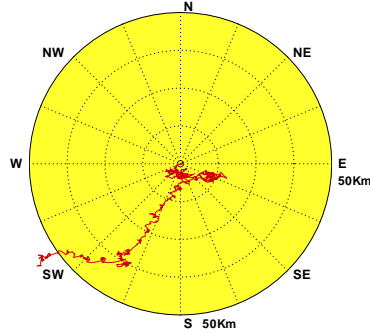
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

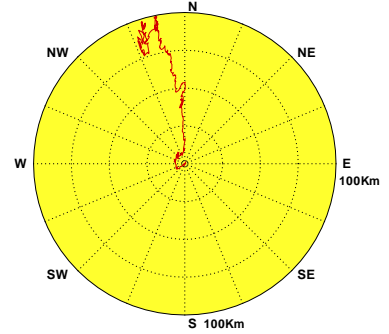
Current of Res. at 2018/07 NO=734(99%)
MEAN=19cm/s MAX=63cm/s(WSW)
N-E:43% E-S:7% S-W:37% W-N:13%



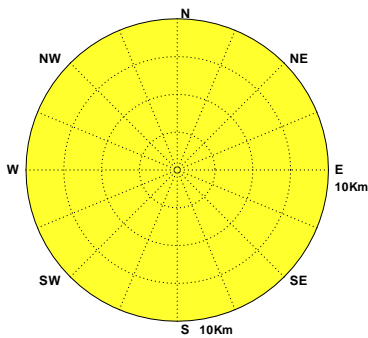
Current of Res. at 2018/07 NO=739(99%)
MEAN=15cm/s MAX=72cm/s(W)
N-E:24% E-S:22% S-W:32% W-N:22%



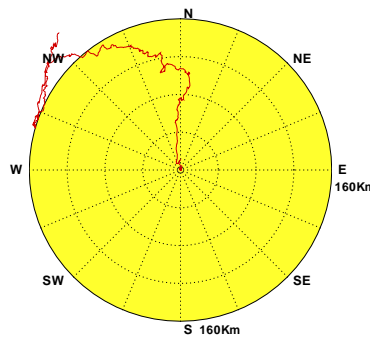
Current of Res. at 2018/07 NO=739(99%)
MEAN=15cm/s MAX=54cm/s(N)
N-E:26% E-S:19% S-W:25% W-N:30%



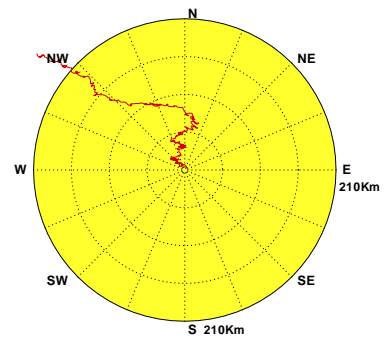
Current of Res. at 2018/07



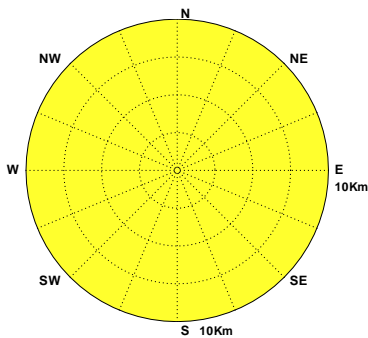
Current of Res. at 2018/07 NO=732(98%)
MEAN=25cm/s MAX=98cm/s(SSW)
N-E:30% E-S:11% S-W:28% W-N:31%



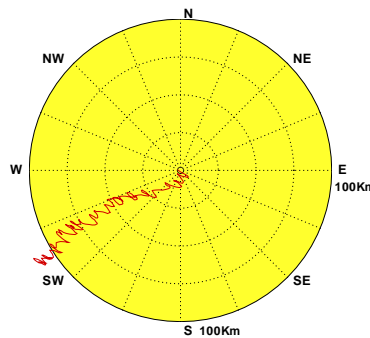
Current of Res. at 2018/07 NO=740(99%)
MEAN=32cm/s MAX=102cm/s(NW)
N-E:22% E-S:16% S-W:26% W-N:36%



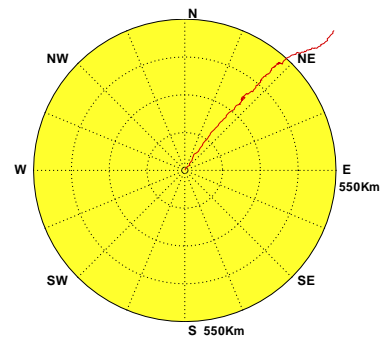
Current of Res. at 2018/07



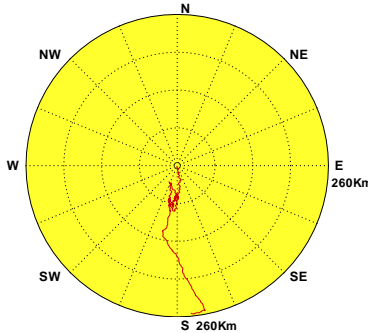
Current of Res. at 2018/07 NO=311(42%)
MEAN=36cm/s MAX=69cm/s(WSW)
N-E:2% E-S:39% S-W:22% W-N:37%



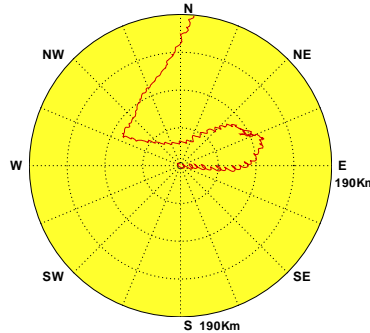
Current of Res. at 2018/07 NO=744(100%)
MEAN=33cm/s MAX=89cm/s(ENE)
N-E:79% E-S:13% S-W:2% W-N:6%



Current of Res. at 2018/07 NO=699(94%)
MEAN=24cm/s MAX=103cm/s(SE)
N-E:14% E-S:41% S-W:28% W-N:17%



Current of Res. at 2018/07 NO=741(100%)
MEAN=30cm/s MAX=93cm/s(W)
N-E:34% E-S:20% S-W:12% W-N:34%



Current of Res. at 2018/07 NO=702(94%)
MEAN=23cm/s MAX=80cm/s(E)
N-E:47% E-S:9% S-W:2% W-N:15%

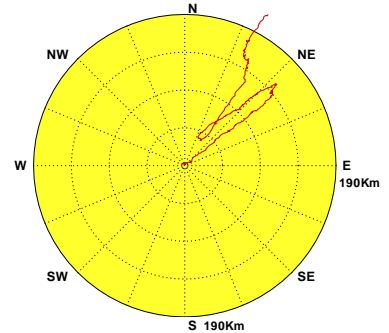


圖4.8f 2018年7月12海域主要測站1計算殘流向量行進圖

C187TPX0.1HR C187KLX0.1HR C187SAX0.1HR C187HLX0.1HR C187LTX0.1HR C187PNZ0.1HR
C187KHX0.1HR C187CNX0.1HR C187TCX0.1HR C187PHX0.1HR C187KMX0.1HR C187MSX0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

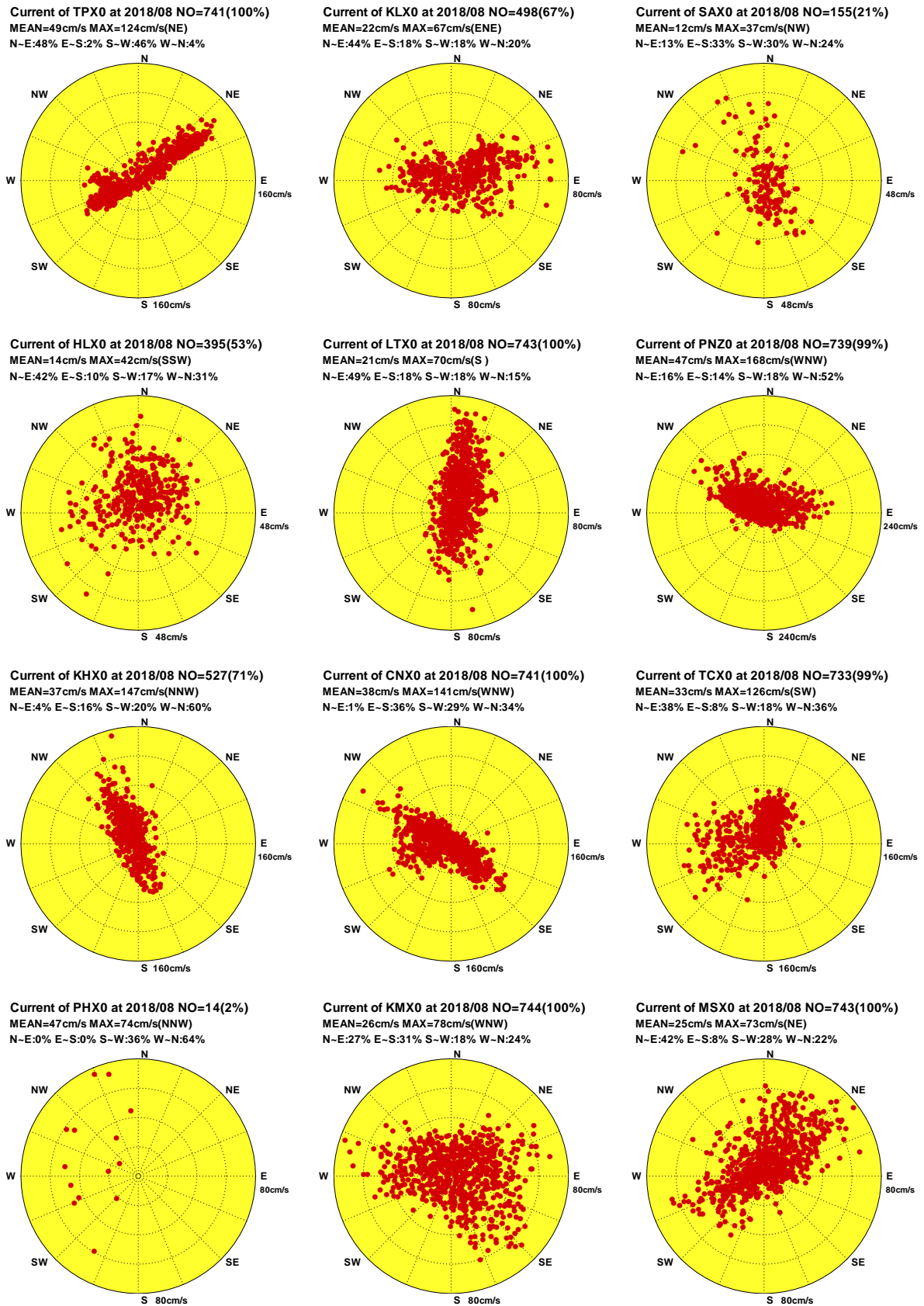


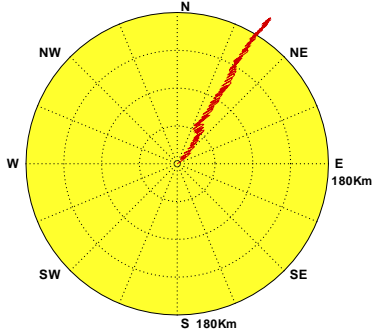
圖4.9a 2018年8月12海域主要測站1觀測海流向量分佈圖

C188TPX0.1H0 C188KLX0.1H0 C188SAX0.1H0 C188HLX0.1H0 C188LTX0.1H0 C188PNZ0.1H0
 C188KHX0.1H0 C188CNX0.1H0 C188TCX0.1H0 C188PHX0.1H0 C188KMX0.1H0 C188MSX0.1H0

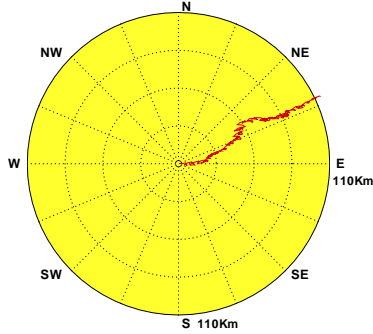
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

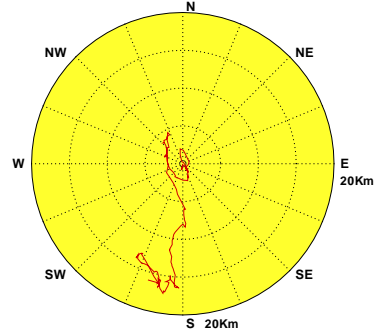
Current of TPX0 at 2018/08 NO=741(100%)
MEAN=49cm/s MAX=124cm/s(NE)
N-E:48% E-S:2% S-W:46% W-N:4%



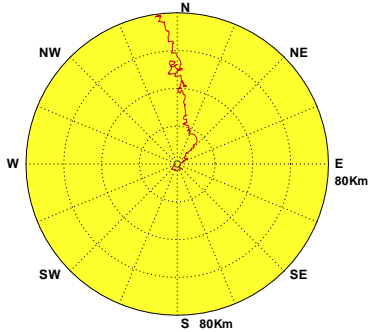
Current of KLX0 at 2018/08 NO=498(67%)
MEAN=22cm/s MAX=67cm/s(ENE)
N-E:44% E-S:18% S-W:18% W-N:20%



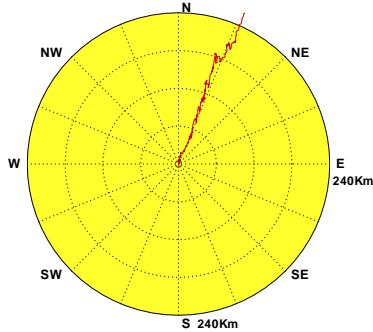
Current of SAX0 at 2018/08 NO=155(21%)
MEAN=12cm/s MAX=37cm/s(NW)
N-E:13% E-S:33% S-W:30% W-N:24%



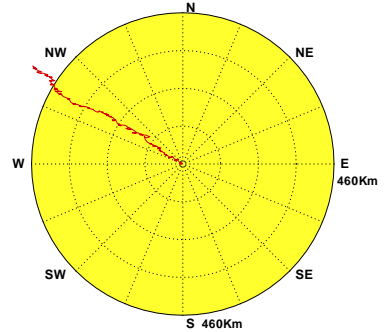
Current of HLX0 at 2018/08 NO=395(53%)
MEAN=14cm/s MAX=42cm/s(SSW)
N-E:42% E-S:10% S-W:17% W-N:31%



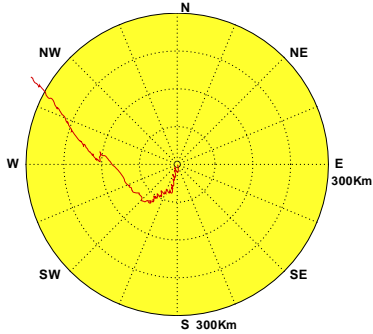
Current of LTX0 at 2018/08 NO=743(100%)
MEAN=21cm/s MAX=70cm/s(S)
N-E:49% E-S:18% S-W:18% W-N:15%



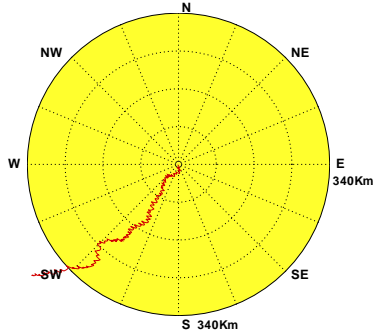
Current of PNZ0 at 2018/08 NO=739(99%)
MEAN=47cm/s MAX=168cm/s(WNW)
N-E:16% E-S:14% S-W:18% W-N:52%



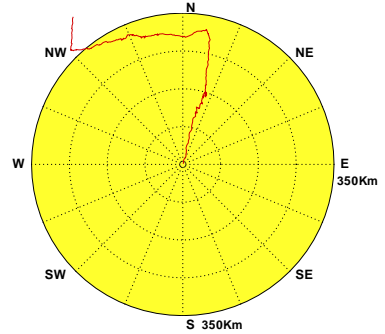
Current of KHX0 at 2018/08 NO=527(71%)
MEAN=37cm/s MAX=147cm/s(NNW)
N-E:4% E-S:16% S-W:20% W-N:60%



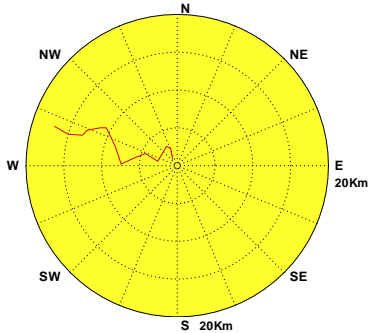
Current of CNX0 at 2018/08 NO=741(100%)
MEAN=38cm/s MAX=141cm/s(WNW)
N-E:1% E-S:36% S-W:29% W-N:34%



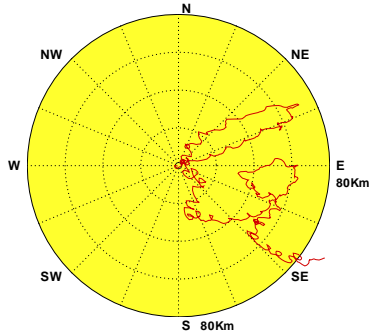
Current of TCX0 at 2018/08 NO=733(99%)
MEAN=33cm/s MAX=126cm/s(SW)
N-E:38% E-S:8% S-W:18% W-N:36%



Current of PHX0 at 2018/08 NO=14(2%)
MEAN=47cm/s MAX=74cm/s(NNW)
N-E:0% E-S:0% S-W:36% W-N:64%



Current of KMX0 at 2018/08 NO=744(100%)
MEAN=26cm/s MAX=78cm/s(WNW)
N-E:27% E-S:31% S-W:18% W-N:24%



Current of MSX0 at 2018/08 NO=743(100%)
MEAN=25cm/s MAX=73cm/s(NE)
N-E:42% E-S:8% S-W:28% W-N:22%

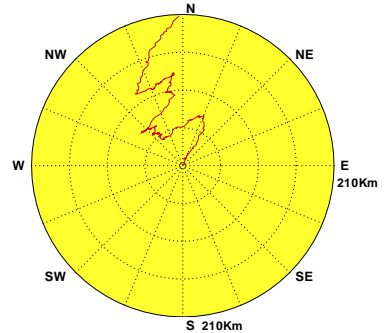


圖4.9b 2018年8月12海域主要測站1觀測海流向量行進圖

C188TPX0.1H0 C188KLX0.1H0 C188SAX0.1H0 C188HLX0.1H0 C188LTX0.1H0 C188PNZ0.1H0
C188KHX0.1H0 C188CNX0.1H0 C188TCX0.1H0 C188PHX0.1H0 C188KMX0.1H0 C188MSX0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

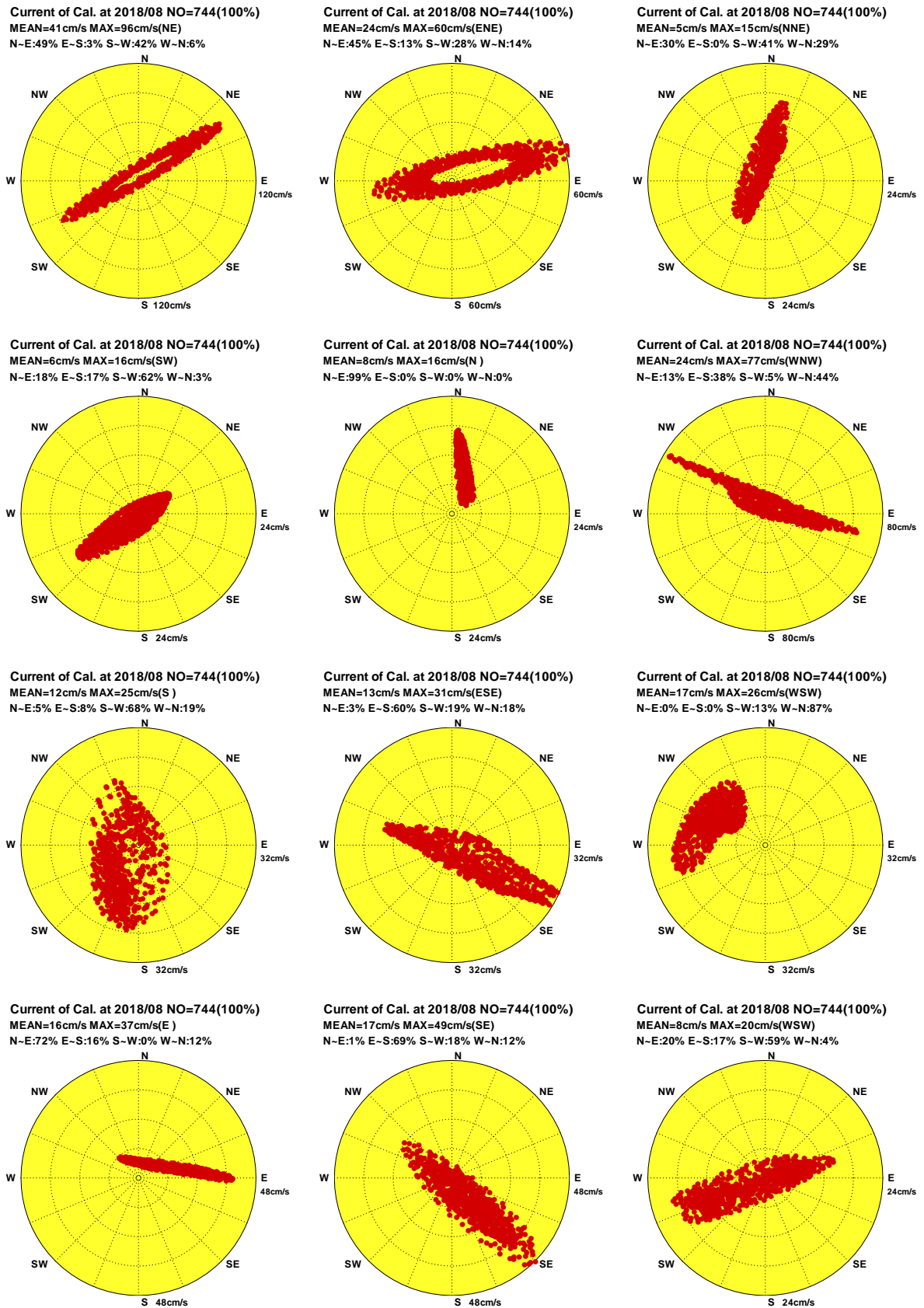


圖4.9c 2018年8月12海域主要測站1計算潮流向量分佈圖

C188TPX0.1HD C188KLX0.1HD C188SAX0.1HD C188HLX0.1HD C188LTX0.1HD C188PNZ0.1HD
C188KHX0.1HD C188CNX0.1HD C188TCX0.1HD C188PHX0.1HD C188KMX0.1HD C188MSX0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

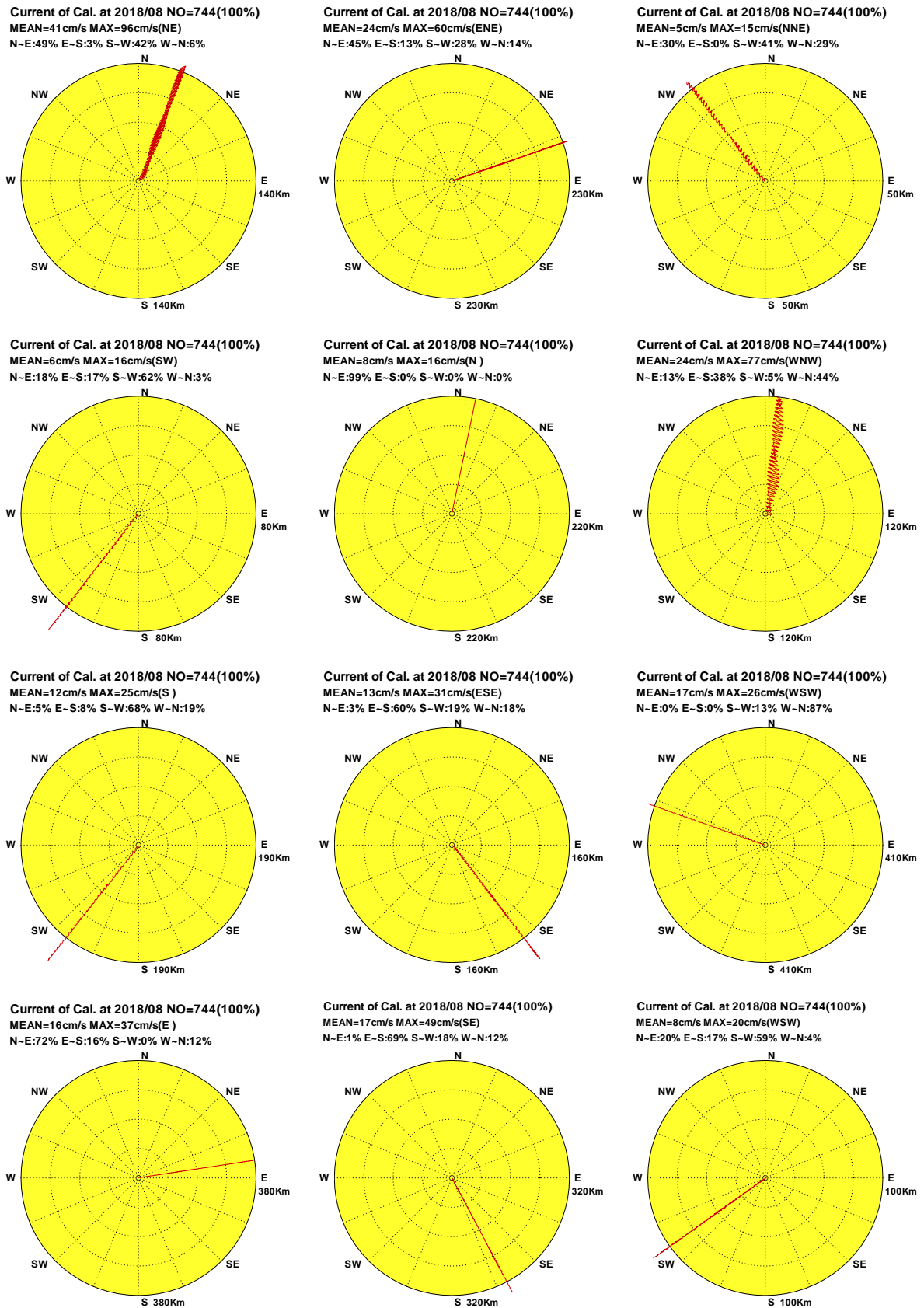


圖4.9d 2018年8月12海域主要測站1計算潮流向量行進圖

C188TPX0.1HD C188KLX0.1HD C188SAX0.1HD C188HLX0.1HD C188LTX0.1HD C188PNZ0.1HD
 C188KHX0.1HD C188CNX0.1HD C188TCX0.1HD C188PHX0.1HD C188KMX0.1HD C188MSX0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

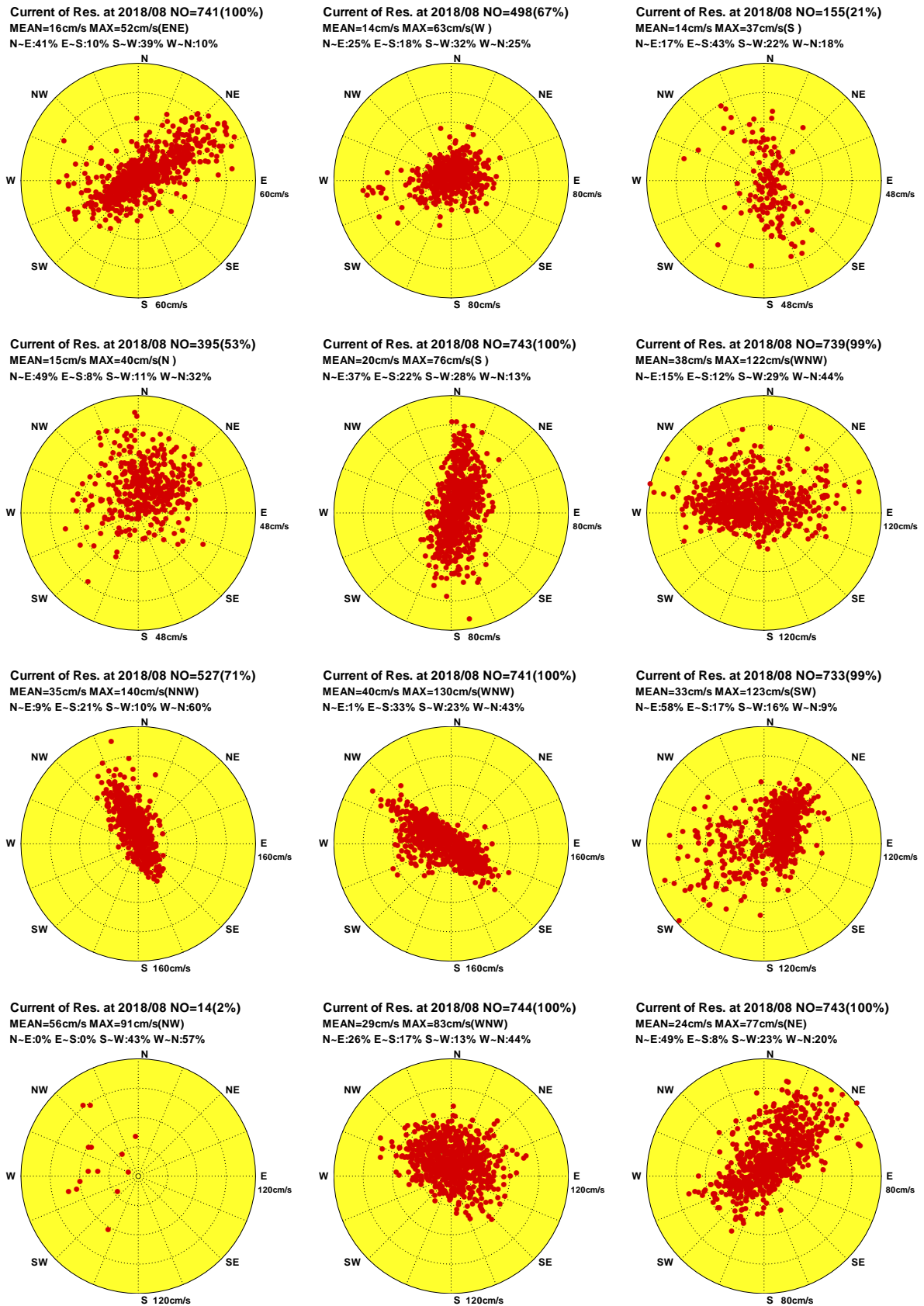


圖4.9e 2018年8月12海域主要測站1計算殘流向量分佈圖

C188TPX0.1HR C188KLX0.1HR C188SAX0.1HR C188HLX0.1HR C188LTX0.1HR C188PNZ0.1HR
 C188KHX0.1HR C188CNX0.1HR C188TCX0.1HR C188PHX0.1HR C188KMX0.1HR C188MSX0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

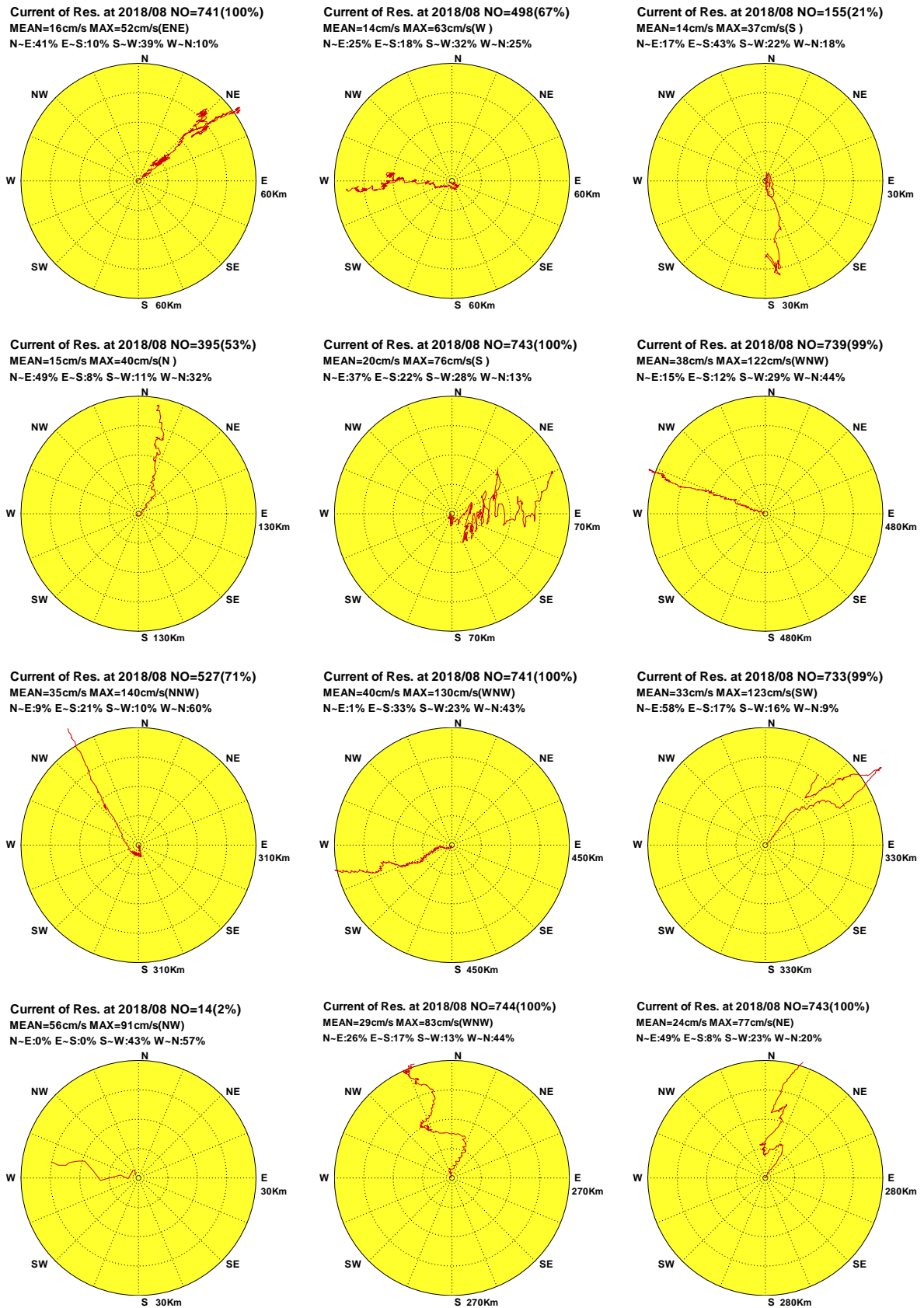


圖.4.9f 2018年8月12海域主要測站1計算殘流向量行進圖

C188TPX0.1HR C188KLX0.1HR C188SAX0.1HR C188HLX0.1HR C188LTX0.1HR C188PNZ0.1HR
 C188KH0.1HR C188CNX0.1HR C188TCX0.1HR C188PHX0.1HR C188KMX0.1HR C188MSX0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

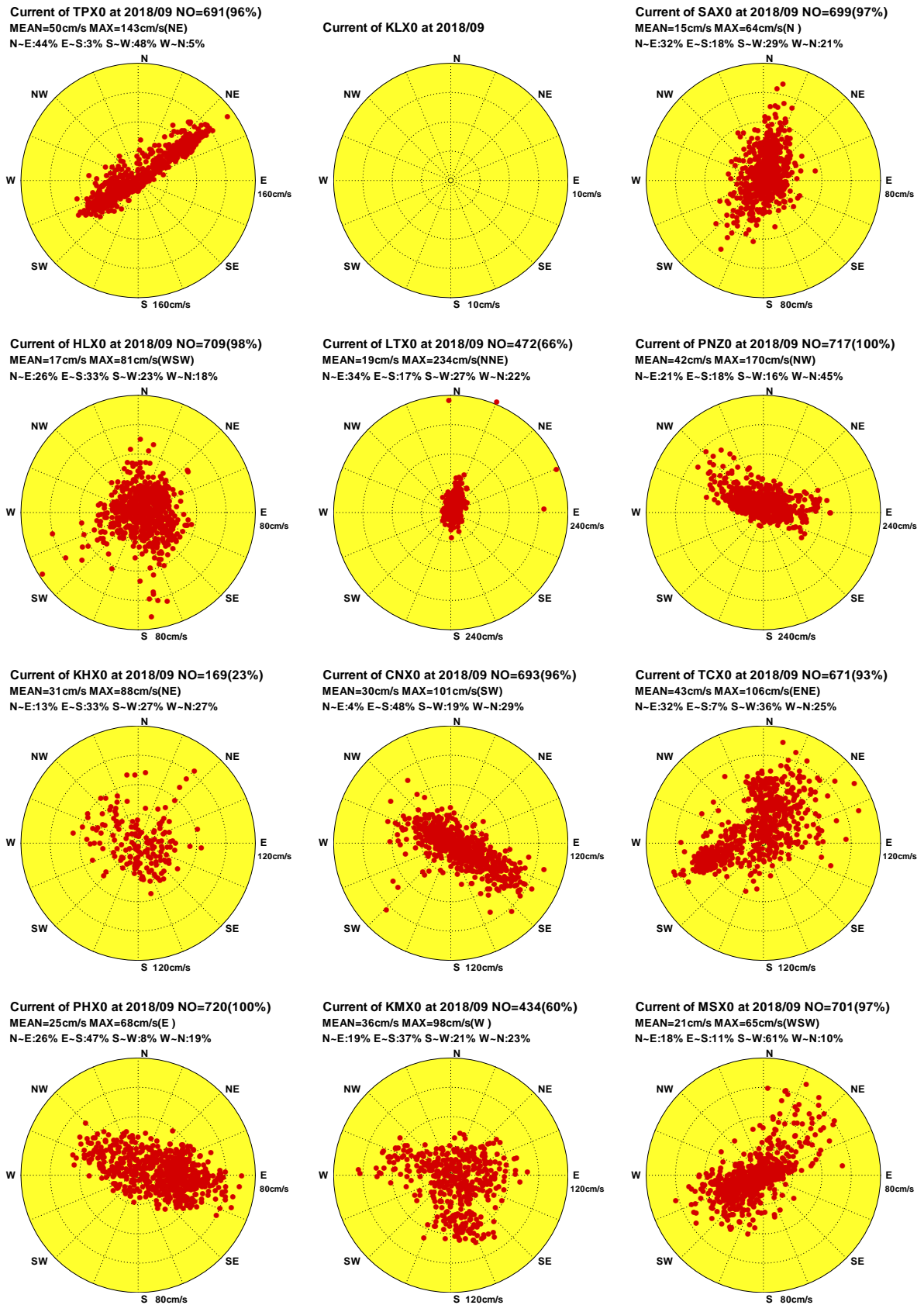


圖4.10a 2018年9月12海域主要測站1觀測海流向量分佈圖

C189TPX0.1H0 C189KLX0.1H0 C189SAX0.1H0 C189HLX0.1H0 C189LTX0.1H0 C189PNZ0.1H0
 C189KHX0.1H0 C189CNX0.1H0 C189TCX0.1H0 C189PHX0.1H0 C189KMX0.1H0 C189MSX0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

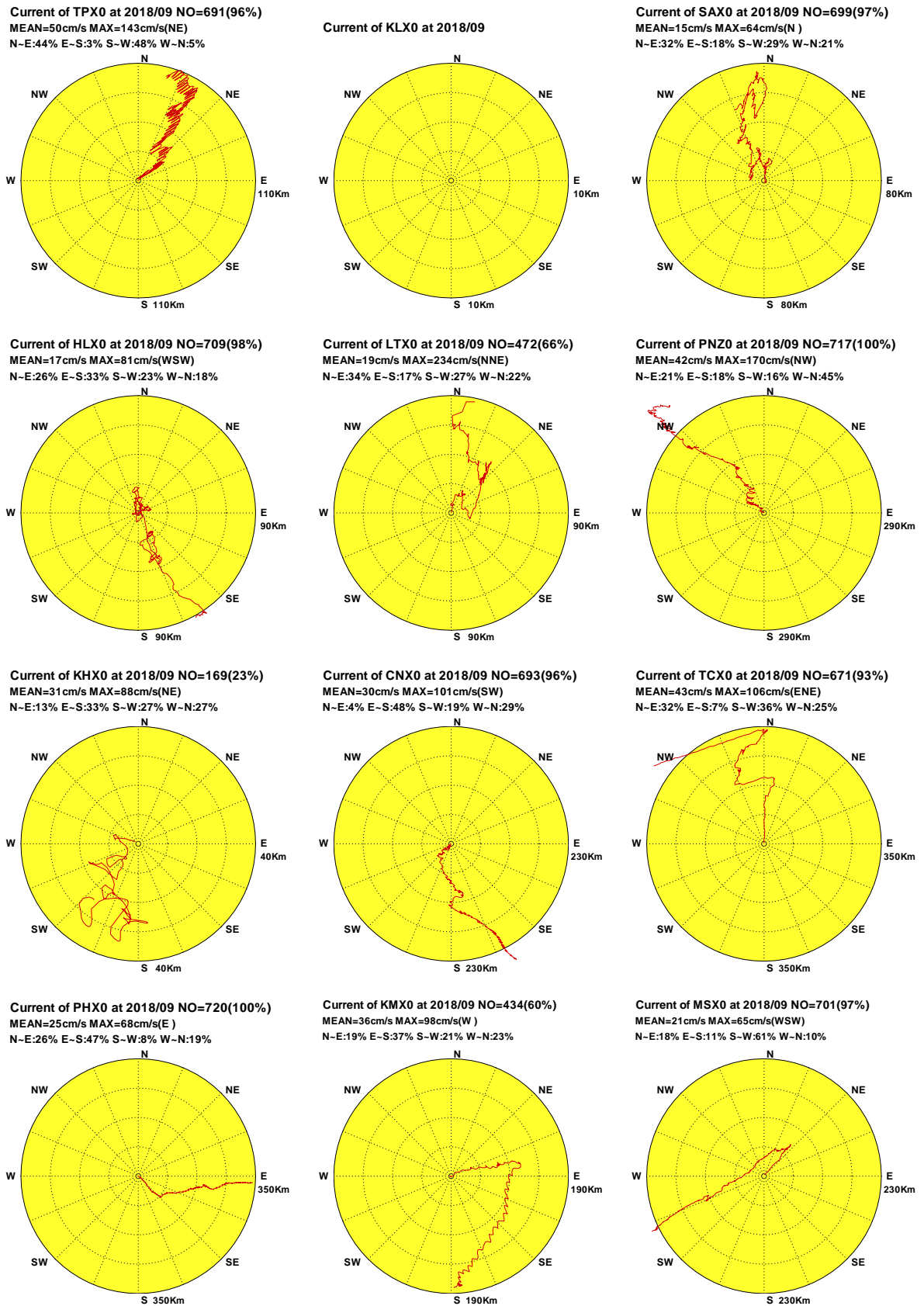


圖4.10b 2018年9月12海域主要測站1觀測海流向量行進圖

C189TPX0.1H0 C189KLX0.1H0 C189SAX0.1H0 C189HLX0.1H0 C189LTX0.1H0 C189PNZ0.1H0
C189KHX0.1H0 C189CNX0.1H0 C189TCX0.1H0 C189PHX0.1H0 C189KMX0.1H0 C189MSX0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

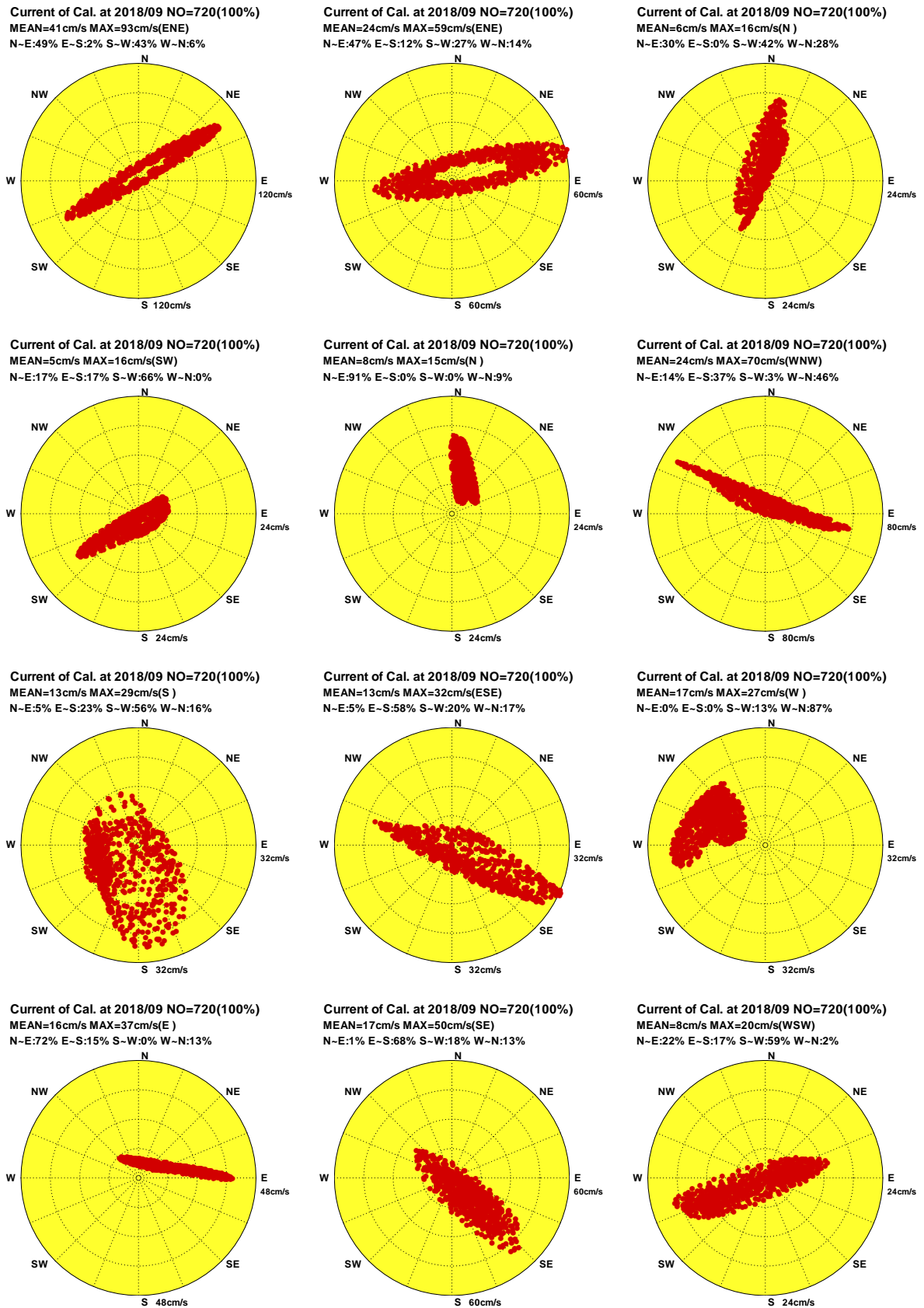


圖4.10c 2018年9月12海域主要測站1計算潮流向量分佈圖

C189TPX0.1HD C189KLX0.1HD C189SAX0.1HD C189HLX0.1HD C189LTX0.1HD C189PNZ0.1HD
C189KH0.1HD C189CNX0.1HD C189TCX0.1HD C189PHX0.1HD C189KMX0.1HD C189MSX0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

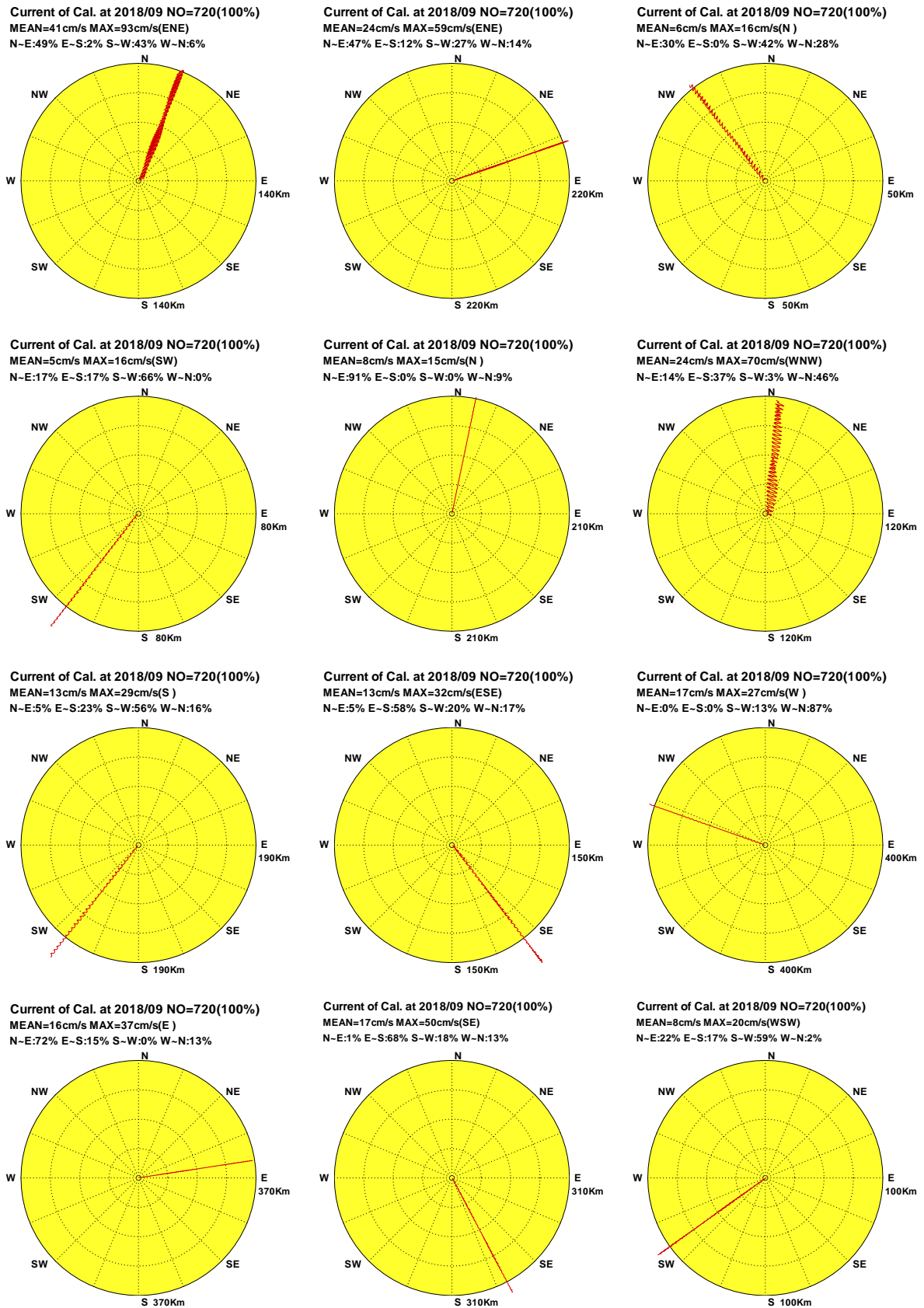


圖4.10d 2018年9月12海域主要測站1計算潮流向量行進圖

C189TPX0.1HD C189KX0.1HD C189SAX0.1HD C189HLX0.1HD C189LTX0.1HD C189PNZ0.1HD
 C189KH0.1HD C189CNX0.1HD C189TCX0.1HD C189PHX0.1HD C189KMX0.1HD C189MSX0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

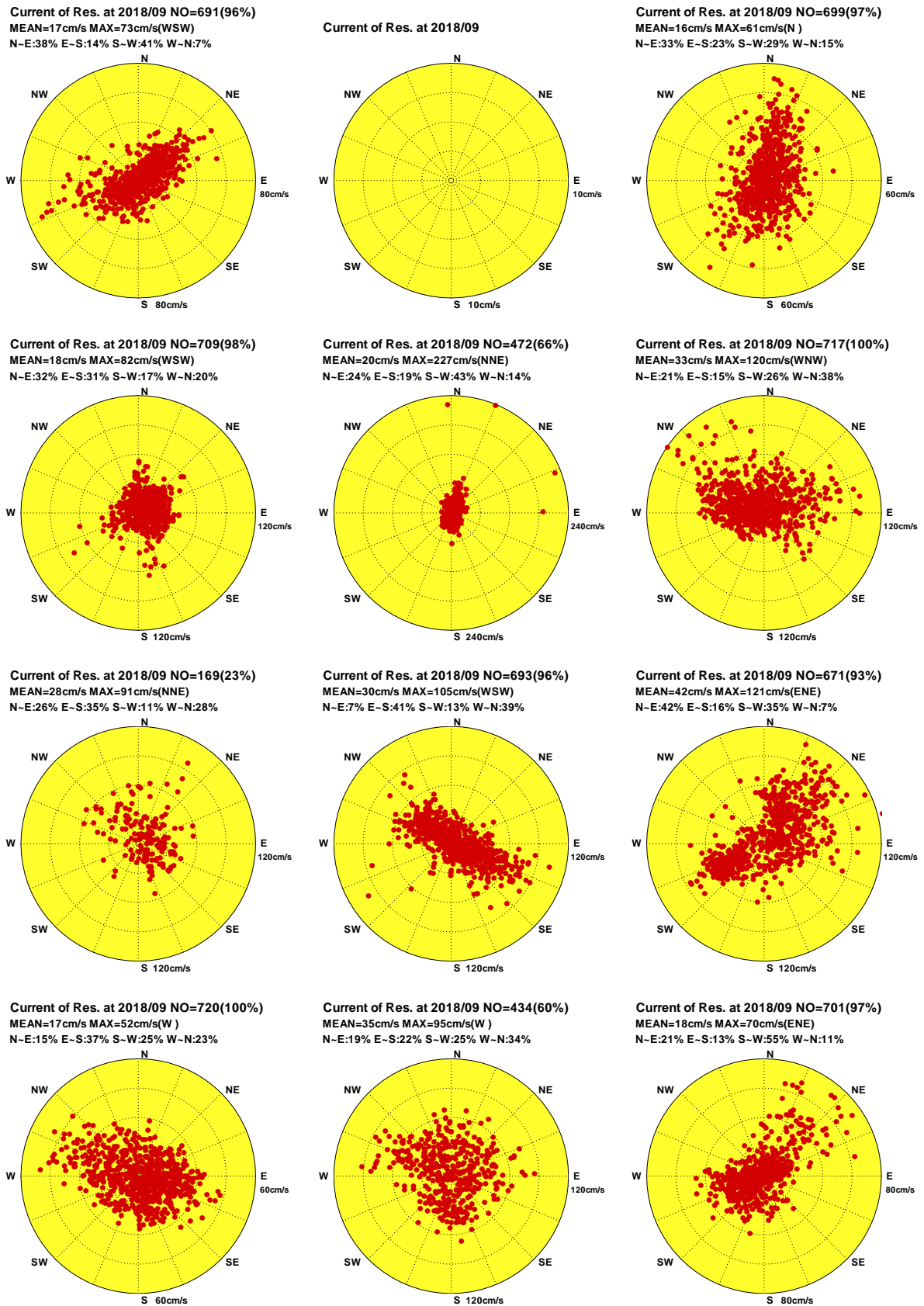


圖4.10e 2018年9月12海域主要測站1計算殘流向量分佈圖

C189TPX0.1HR C189KLX0.1HR C189SAX0.1HR C189HLX0.1HR C189LTX0.1HR C189PNZ0.1HR
 C189KHX0.1HR C189CNX0.1HR C189TCX0.1HR C189PHX0.1HR C189KMX0.1HR C189MSX0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

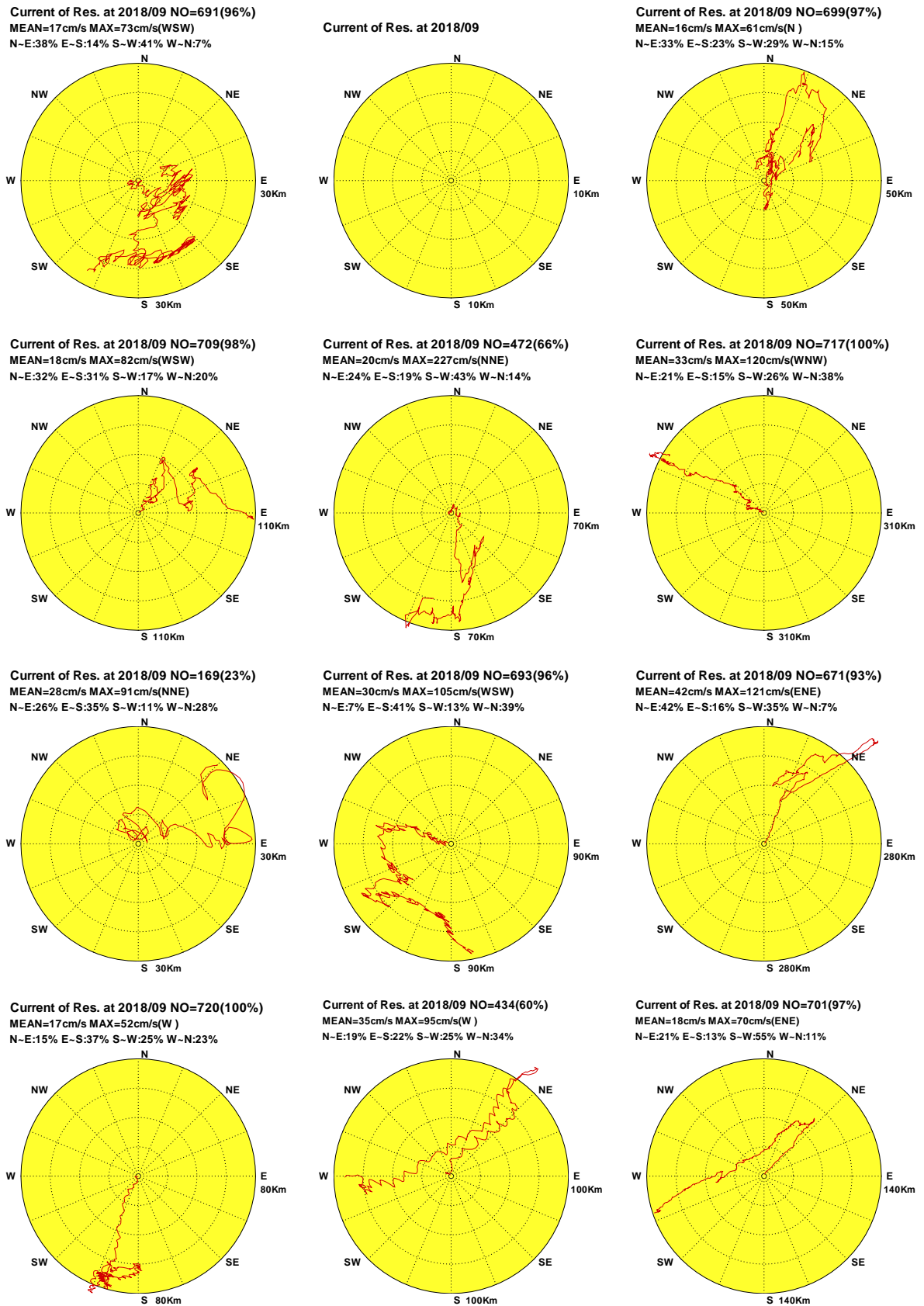


圖4.10f 2018年9月12海域主要測站1計算殘流向量行進圖

C189TPX0.1HR C189KLX0.1HR C189SAX0.1HR C189HLX0.1HR C189LTX0.1HR C189PNZ0.1HR
 C189KHX0.1HR C189CNX0.1HR C189TCX0.1HR C189PHX0.1HR C189KMX0.1HR C189MSX0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

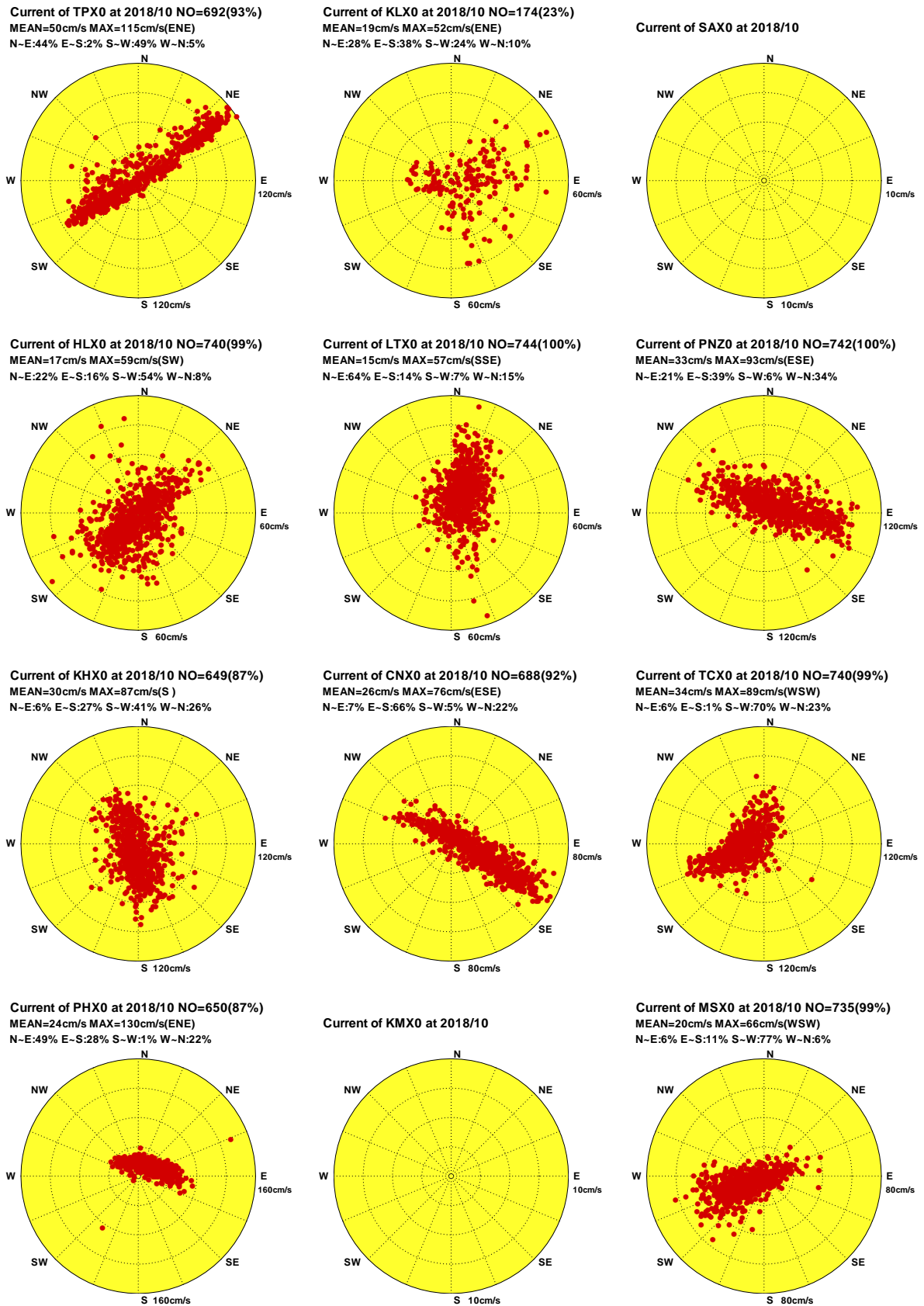


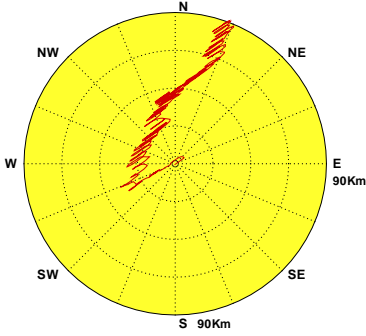
圖4.11a 2018年10月12海域主要測站1觀測海流向量分佈圖

C18ATPX0.1H0 C18AKLX0.1H0 C18ASAX0.1H0 C18AHLX0.1H0 C18ALTXX0.1H0 C18APNZ0.1H0
C18AKHX0.1H0 C18ACNX0.1H0 C18ATCX0.1H0 C18APHX0.1H0 C18AKMX0.1H0 C18AMSX0.1H0

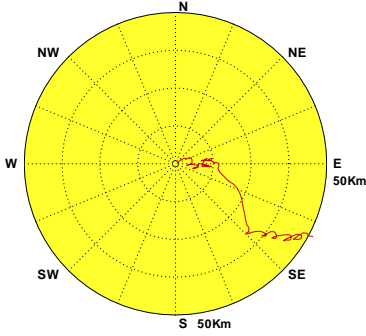
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

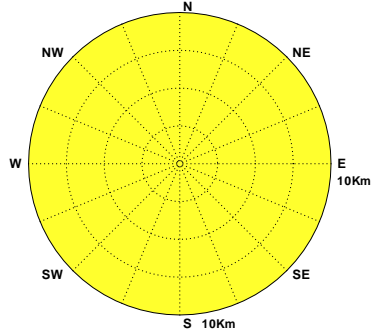
Current of TPX0 at 2018/10 NO=692(93%)
 MEAN=50cm/s MAX=115cm/s(ENE)
 N-E:44% E-S:2% S-W:49% W-N:5%



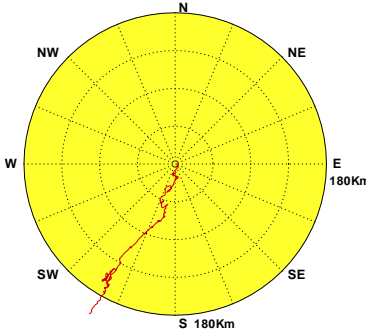
Current of KLX0 at 2018/10 NO=174(23%)
 MEAN=19cm/s MAX=52cm/s(ENE)
 N-E:28% E-S:38% S-W:24% W-N:10%



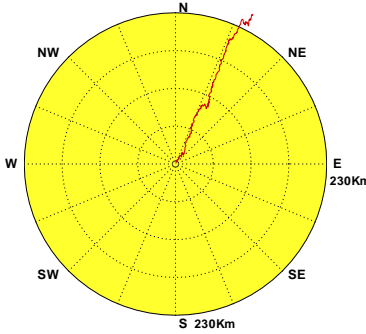
Current of SAX0 at 2018/10



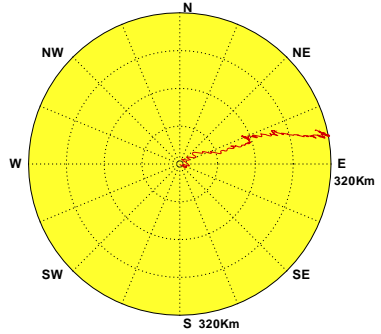
Current of HLX0 at 2018/10 NO=740(99%)
 MEAN=17cm/s MAX=59cm/s(SW)
 N-E:22% E-S:16% S-W:54% W-N:8%



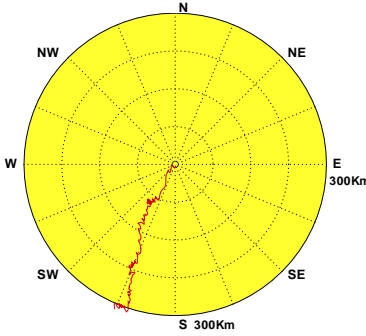
Current of LTX0 at 2018/10 NO=744(100%)
 MEAN=15cm/s MAX=57cm/s(SSE)
 N-E:64% E-S:14% S-W:7% W-N:15%



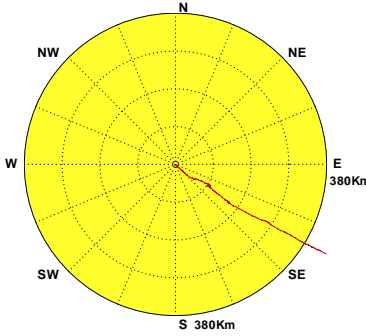
Current of PNZ0 at 2018/10 NO=742(100%)
 MEAN=33cm/s MAX=93cm/s(ESE)
 N-E:21% E-S:39% S-W:6% W-N:34%



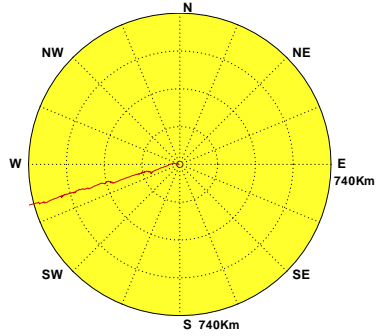
Current of KHX0 at 2018/10 NO=649(87%)
 MEAN=30cm/s MAX=87cm/s(S)
 N-E:6% E-S:27% S-W:41% W-N:26%



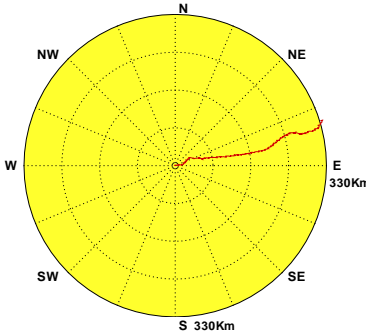
Current of CNX0 at 2018/10 NO=688(92%)
 MEAN=26cm/s MAX=76cm/s(ESE)
 N-E:7% E-S:66% S-W:5% W-N:22%



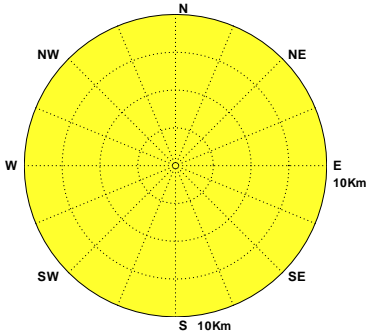
Current of TCX0 at 2018/10 NO=740(99%)
 MEAN=34cm/s MAX=89cm/s(WSW)
 N-E:6% E-S:1% S-W:70% W-N:23%



Current of PHX0 at 2018/10 NO=650(87%)
 MEAN=24cm/s MAX=130cm/s(ENE)
 N-E:49% E-S:28% S-W:1% W-N:22%



Current of KMX0 at 2018/10



Current of MSX0 at 2018/10 NO=735(99%)
 MEAN=20cm/s MAX=66cm/s(WSW)
 N-E:6% E-S:11% S-W:77% W-N:6%

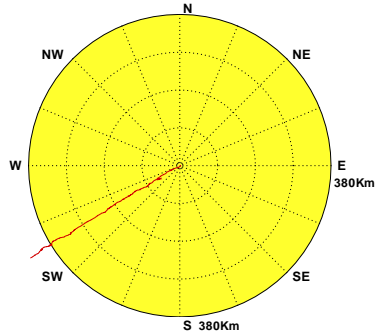


圖4.11b 2018年10月12海域主要測站1觀測海流向量行進圖

C18ATPX0.1H0 C18AKLX0.1H0 C18ASAX0.1H0 C18AHLX0.1H0 C18ALTXX0.1H0 C18APNZ0.1H0
 C18AKHX0.1H0 C18ACNX0.1H0 C18ATCX0.1H0 C18APHX0.1H0 C18AKMX0.1H0 C18AMSX0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

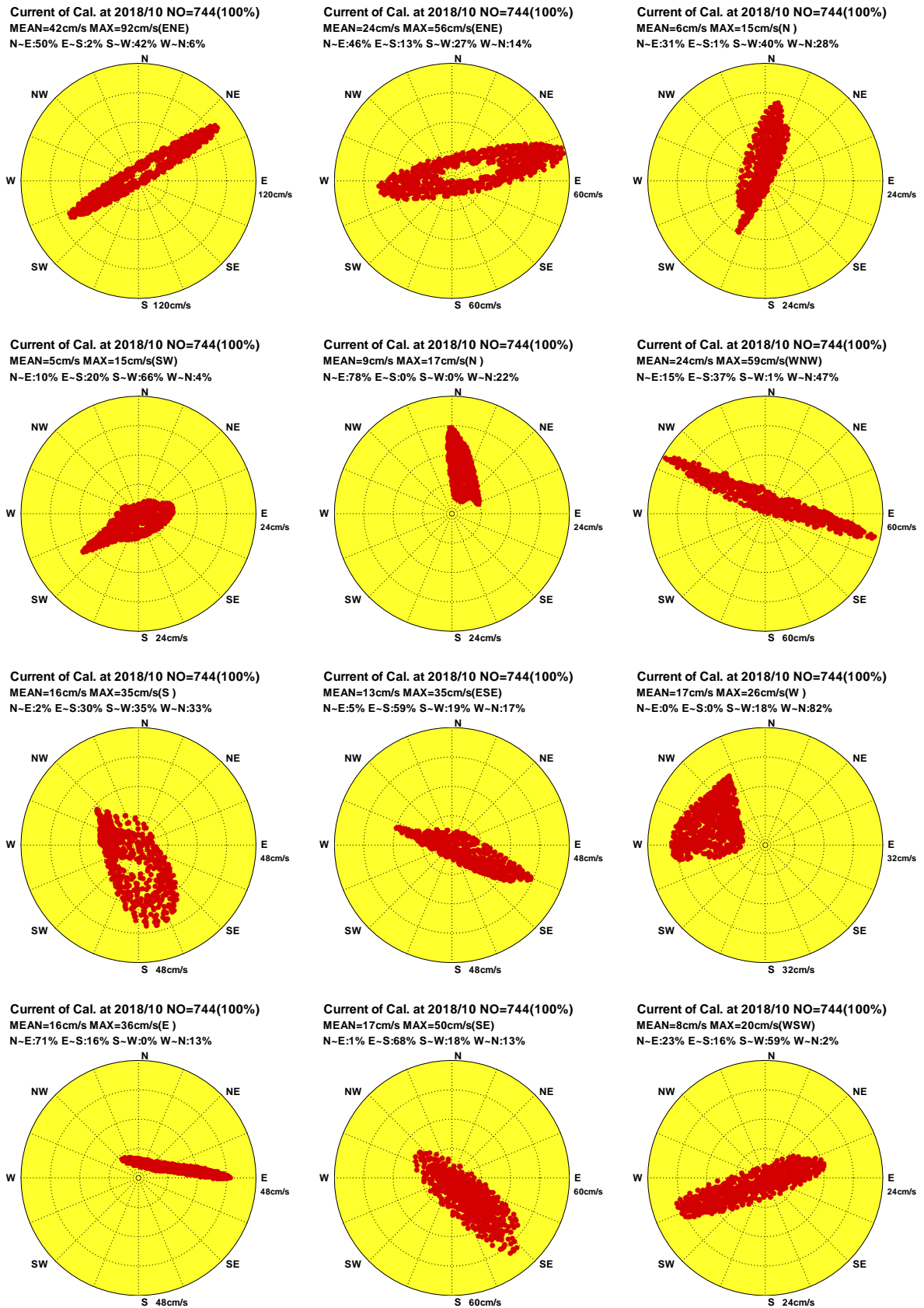


圖4.11c 2018年10月12海域主要測站1計算潮流向量分佈圖

C18ATPX0.1HD C18AKLX0.1HD C18ASAX0.1HD C18AHLX0.1HD C18ALT0.1HD C18APNZ0.1HD
 C18AKHX0.1HD C18ACNX0.1HD C18ATCX0.1HD C18APHX0.1HD C18AKMX0.1HD C18AMSX0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

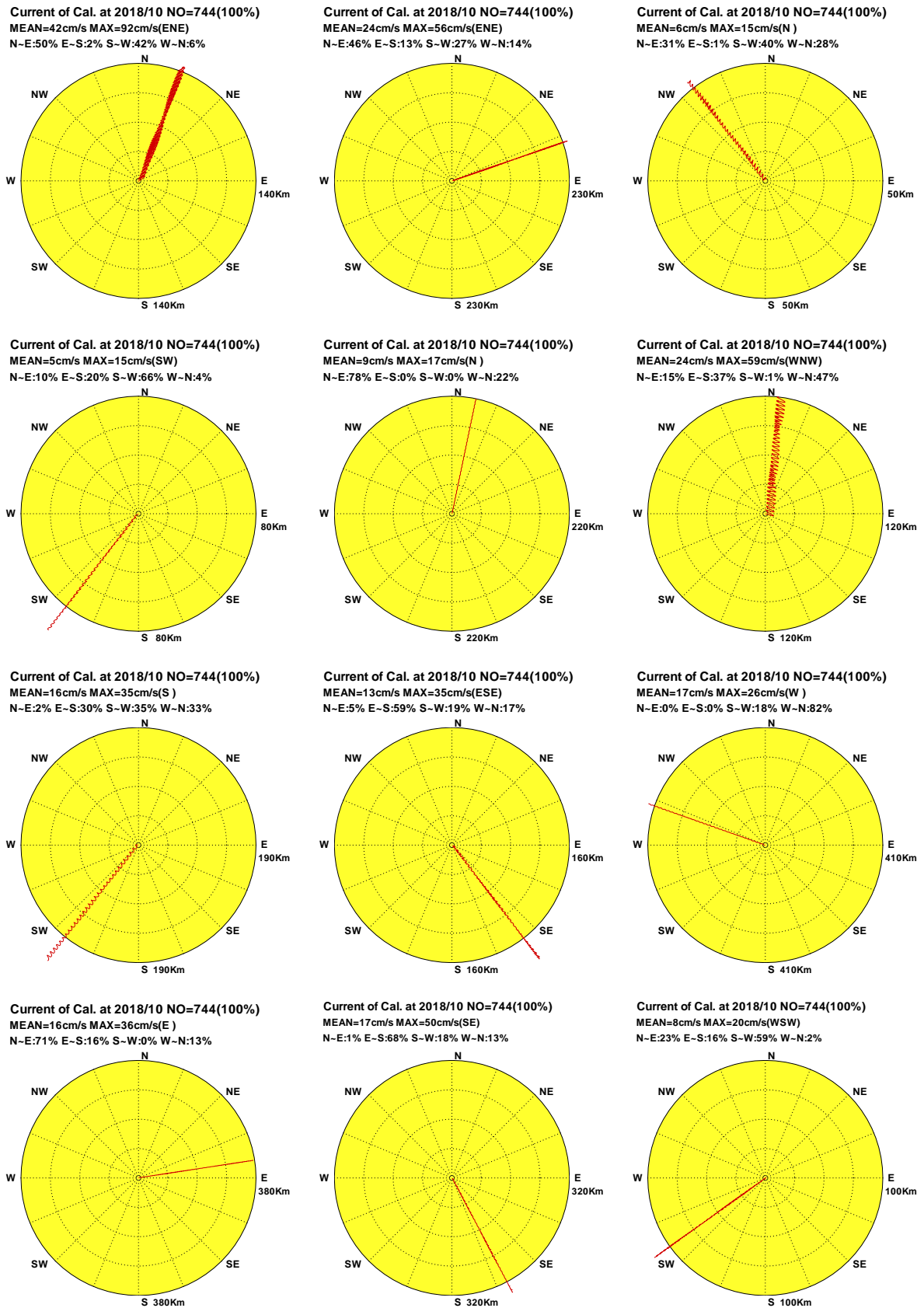


圖4.11d 2018年10月12海域主要測站1計算潮流向量行進圖

C18ATPX0.1HD C18AKLX0.1HD C18ASAX0.1HD C18AHLX0.1HD C18ALTX0.1HD C18APNZ0.1HD
C18AKHX0.1HD C18ACNX0.1HD C18ATCX0.1HD C18APHX0.1HD C18AKMX0.1HD C18AMSX0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

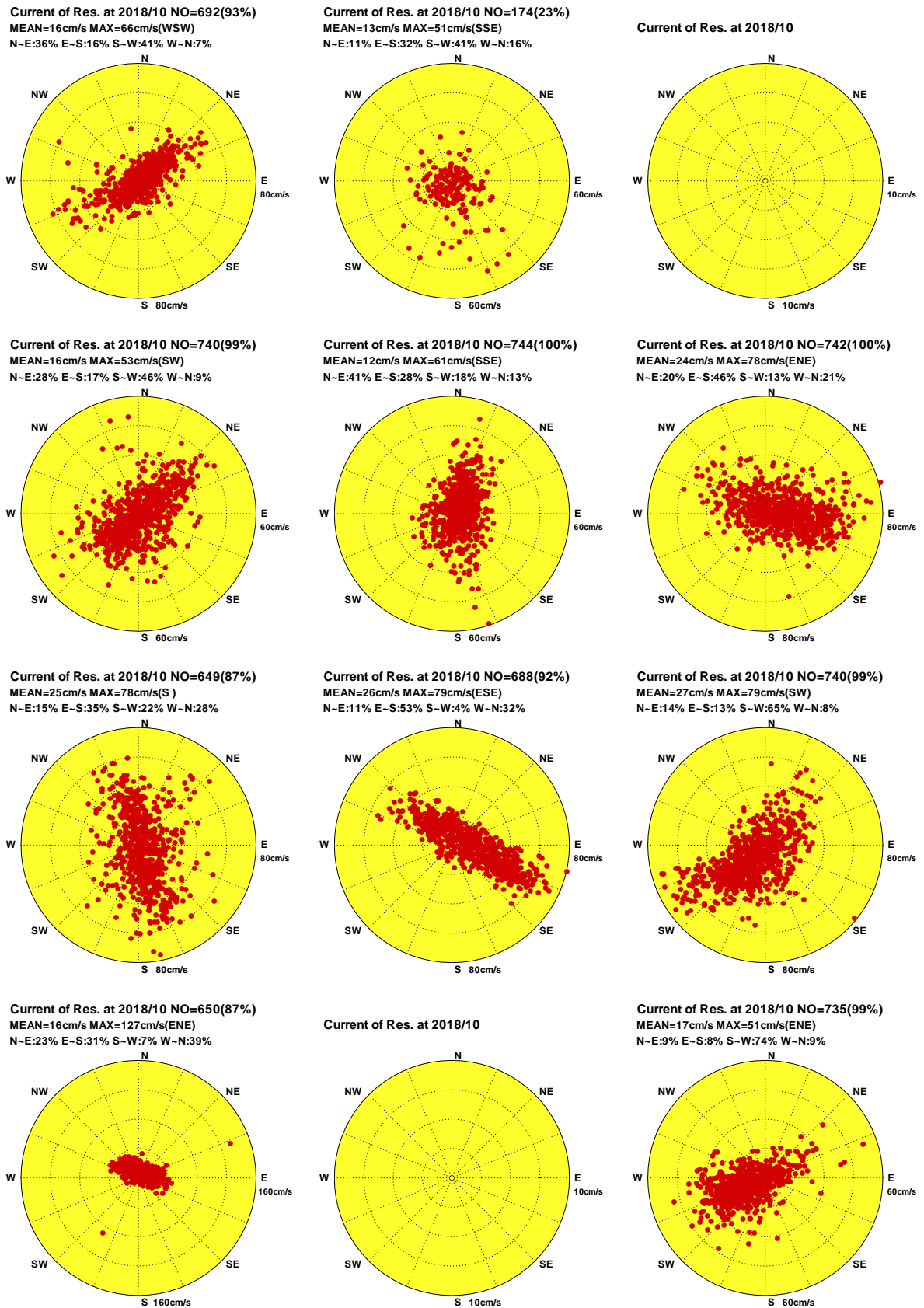


圖4.11e 2018年10月12海域主要測站1計算殘流向量分佈圖

C18ATPX0.1HR C18AKLX0.1HR C18ASAX0.1HR C18AHLX0.1HR C18ALTX0.1HR C18APNZ0.1HR
 C18AKHX0.1HR C18ACNX0.1HR C18ATCX0.1HR C18APHX0.1HR C18AKMX0.1HR C18AMSX0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

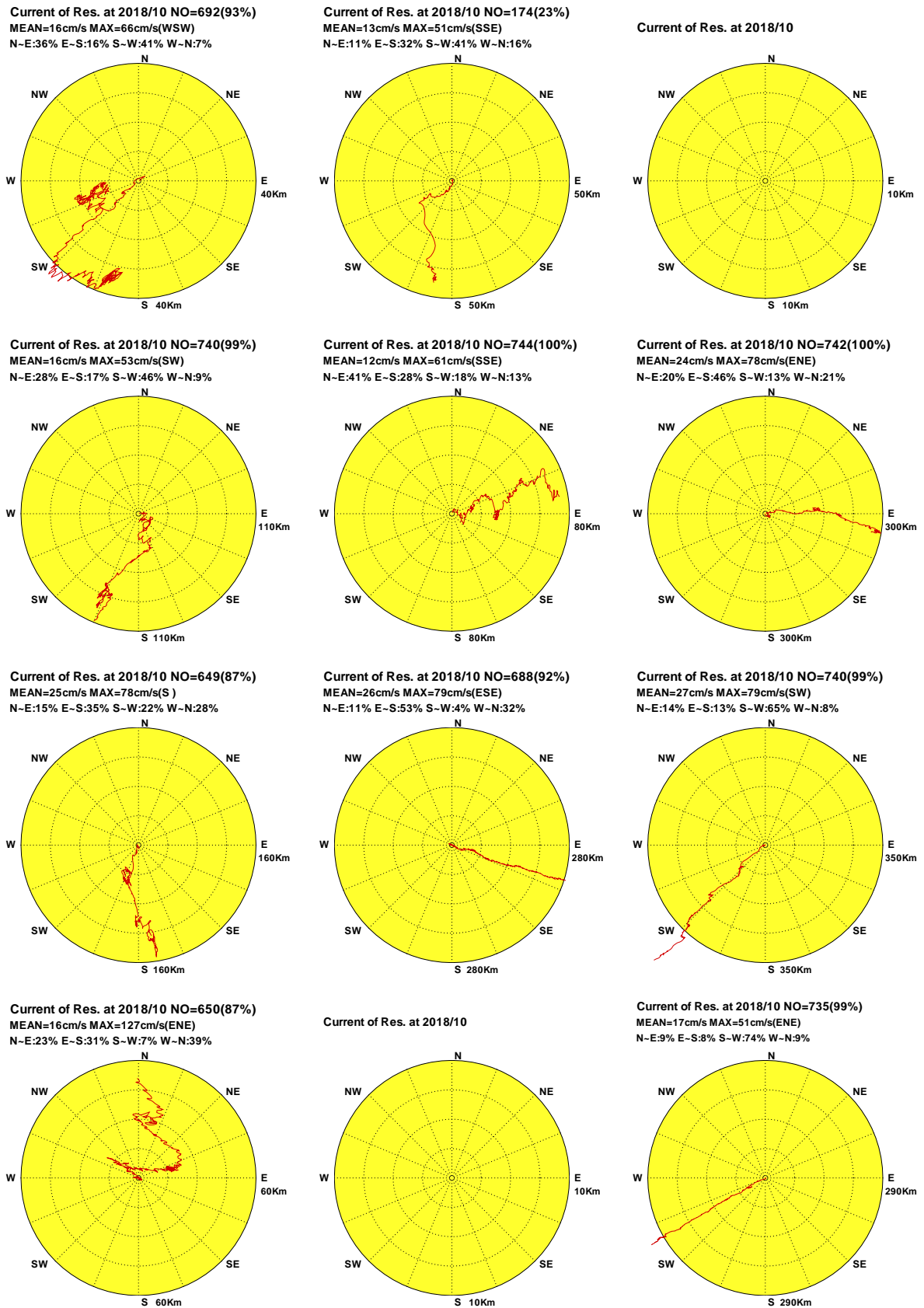


圖 4.11f 2018 年 10 月 12 海域主要測站 1 計算殘流向量行進圖

C18ATPX0.1HR C18AKLX0.1HR C18ASAX0.1HR C18AHLX0.1HR C18ALTX0.1HR C18APNZ0.1HR
 C18AKHX0.1HR C18ACNX0.1HR C18ATCX0.1HR C18APHX0.1HR C18AKMX0.1HR C18AMSX0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

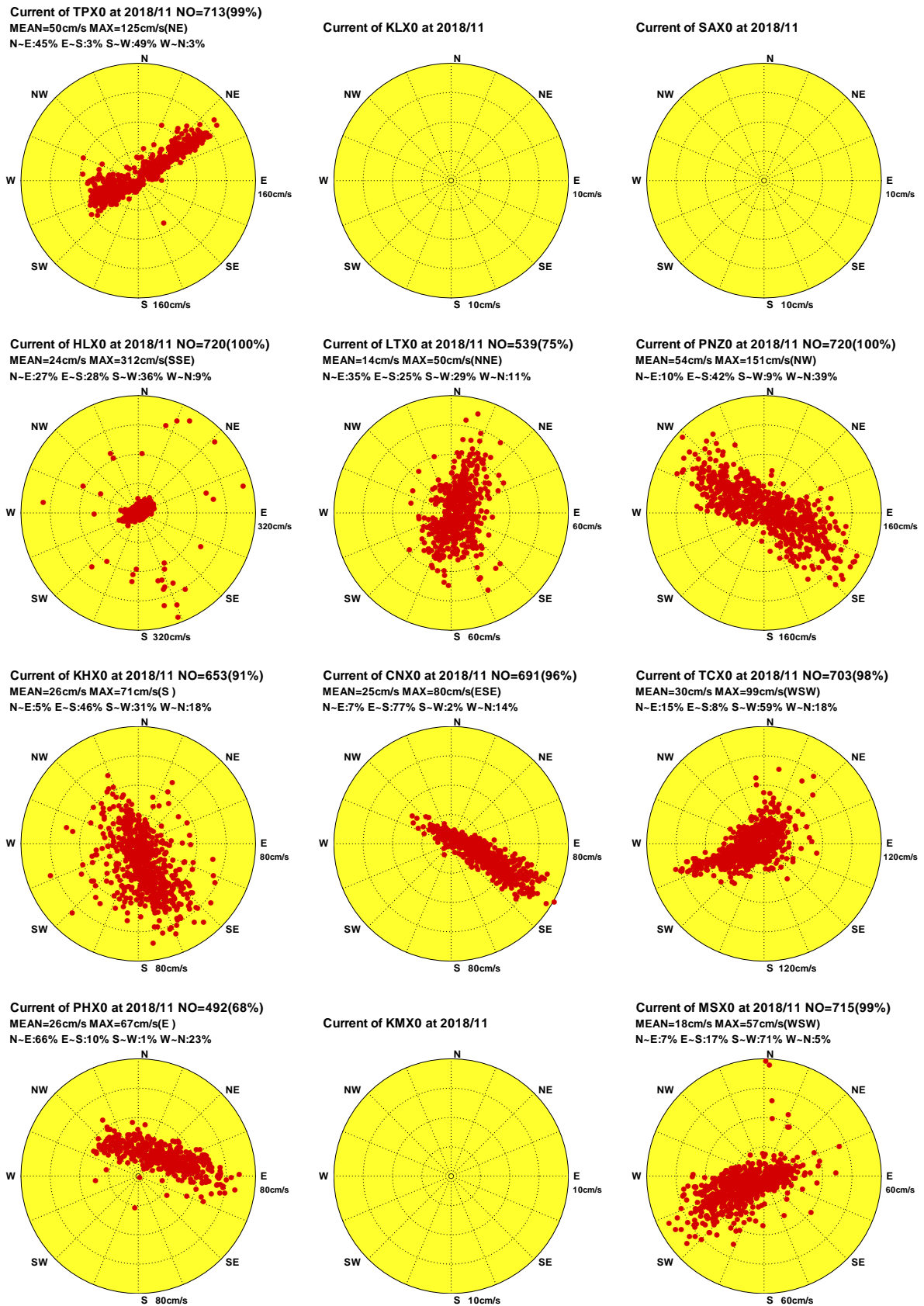


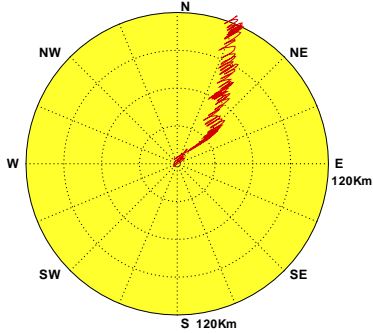
圖4.12a 2018年11月12海域主要測站1觀測海流向量分佈圖

C18BTPX0.1H0 C18BKLX0.1H0 C18BSAX0.1H0 C18BHLX0.1H0 C18BLTX0.1H0 C18BPNZ0.1H0
 C18BKHX0.1H0 C18BCNX0.1H0 C18BTCX0.1H0 C18BPHX0.1H0 C18BKMX0.1H0 C18BMSX0.1H0

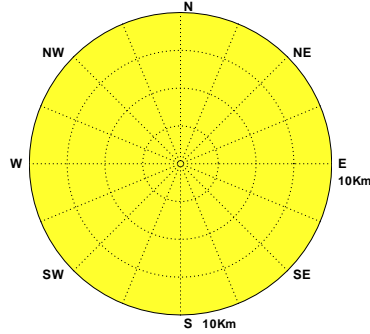
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

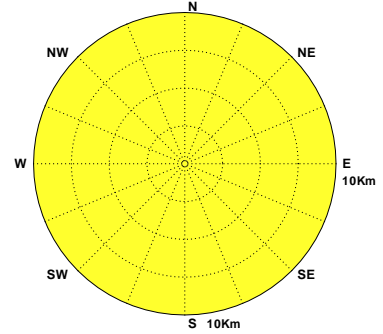
Current of TPX0 at 2018/11 NO=713(99%)
MEAN=50cm/s MAX=125cm/s(NE)
N-E:45% E-S:3% S-W:49% W-N:3%



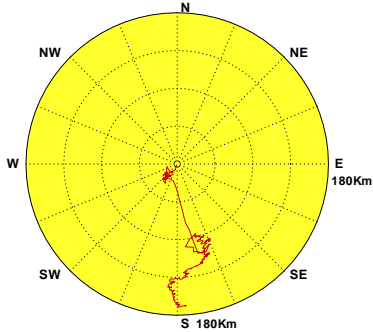
Current of KLX0 at 2018/11



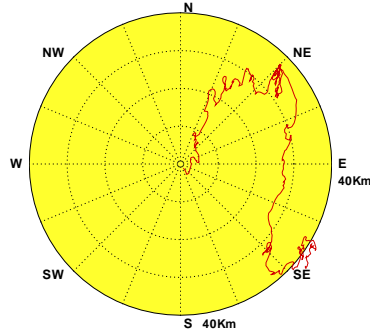
Current of SAX0 at 2018/11



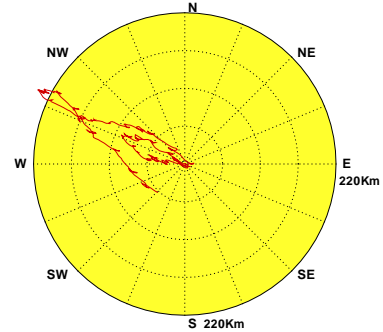
Current of HLX0 at 2018/11 NO=720(100%)
MEAN=24cm/s MAX=312cm/s(SSE)
N-E:27% E-S:28% S-W:36% W-N:9%



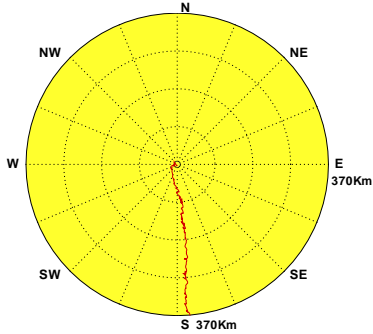
Current of LTX0 at 2018/11 NO=539(75%)
MEAN=14cm/s MAX=50cm/s(NNE)
N-E:35% E-S:25% S-W:29% W-N:11%



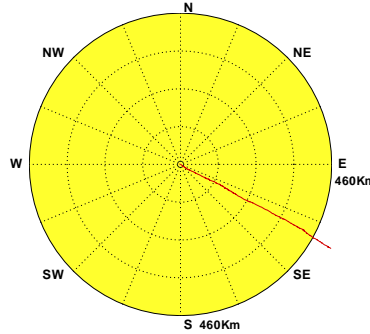
Current of PNZ0 at 2018/11 NO=720(100%)
MEAN=54cm/s MAX=151cm/s(NW)
N-E:10% E-S:42% S-W:9% W-N:39%



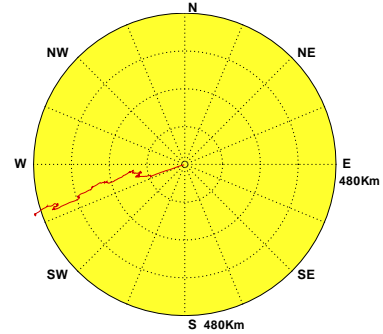
Current of KHX0 at 2018/11 NO=653(91%)
MEAN=26cm/s MAX=71cm/s(S)
N-E:5% E-S:46% S-W:31% W-N:18%



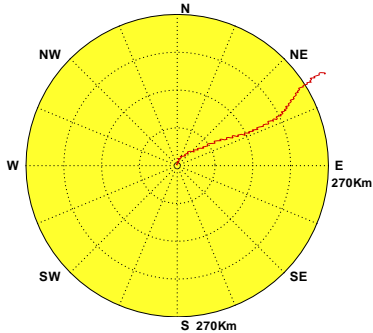
Current of CNX0 at 2018/11 NO=691(96%)
MEAN=25cm/s MAX=80cm/s(ESE)
N-E:7% E-S:77% S-W:2% W-N:14%



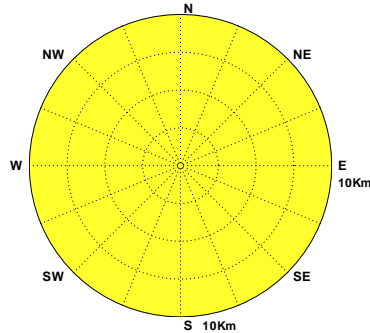
Current of TCX0 at 2018/11 NO=703(98%)
MEAN=30cm/s MAX=99cm/s(WSW)
N-E:15% E-S:8% S-W:59% W-N:18%



Current of PHX0 at 2018/11 NO=492(68%)
MEAN=26cm/s MAX=67cm/s(E)
N-E:66% E-S:10% S-W:1% W-N:23%



Current of KMX0 at 2018/11



Current of MSX0 at 2018/11 NO=715(99%)
MEAN=18cm/s MAX=57cm/s(WSW)
N-E:7% E-S:17% S-W:71% W-N:5%

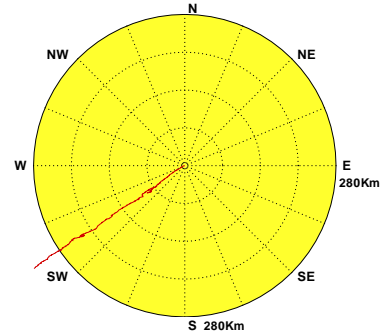


圖4.12b 2018年11月12海域主要測站1觀測海流向量行進圖

C18BTPX0.1H0 C18BKLX0.1H0 C18BSAX0.1H0 C18BHLX0.1H0 C18BLTX0.1H0 C18BPNZ0.1H0
C18BKHX0.1H0 C18BCNX0.1H0 C18BTCX0.1H0 C18BPHX0.1H0 C18BKMX0.1H0 C18BMSX0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

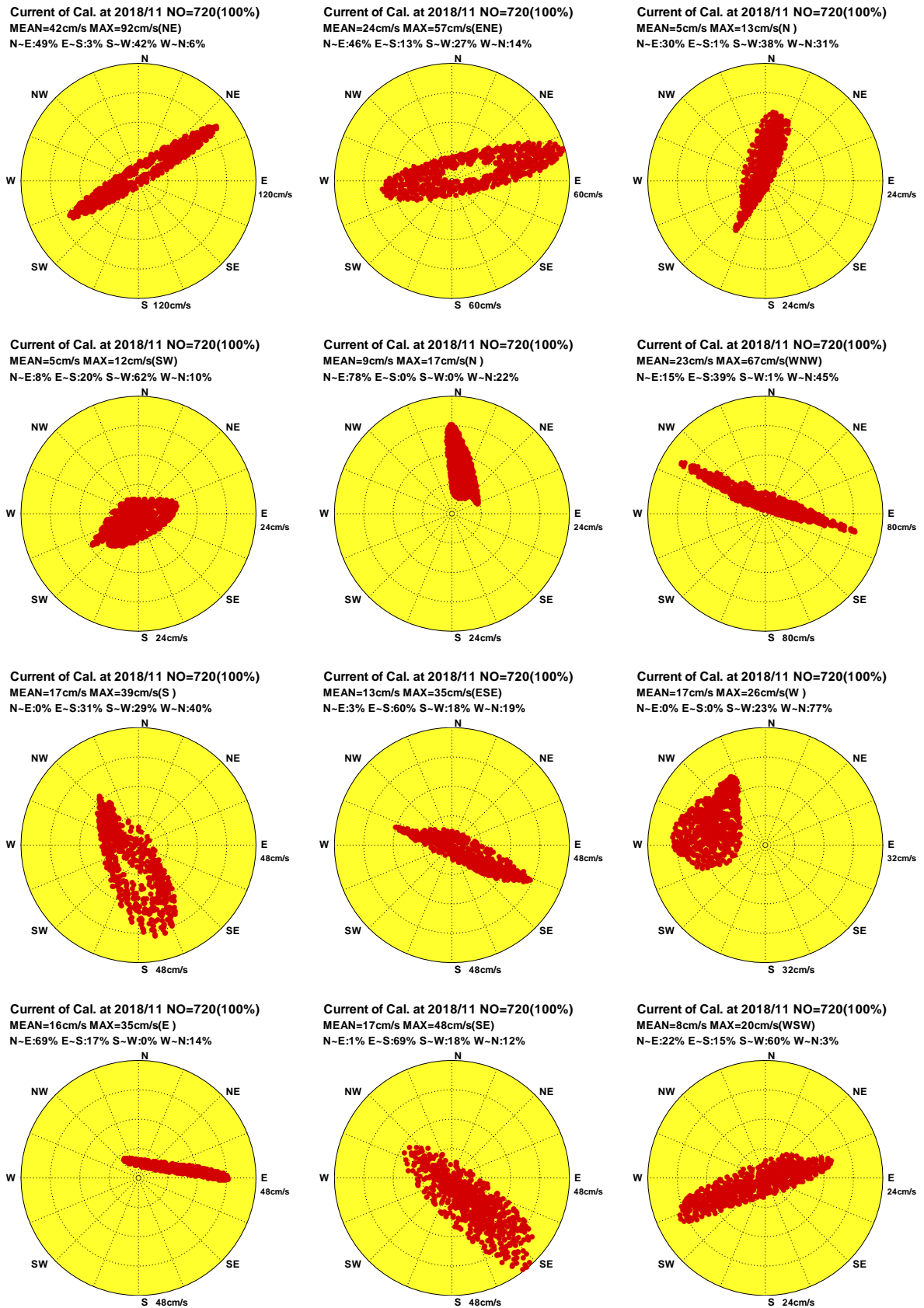


圖4.12c 2018年11月12海域主要測站1計算潮流向量分佈圖

C18BTPX0.1HD C18BKX0.1HD C18BSAX0.1HD C18BHLX0.1HD C18BLTX0.1HD C18BPNZ0.1HD
C18BKHX0.1HD C18BCNX0.1HD C18BTCX0.1HD C18BPHX0.1HD C18BKMX0.1HD C18BMSX0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

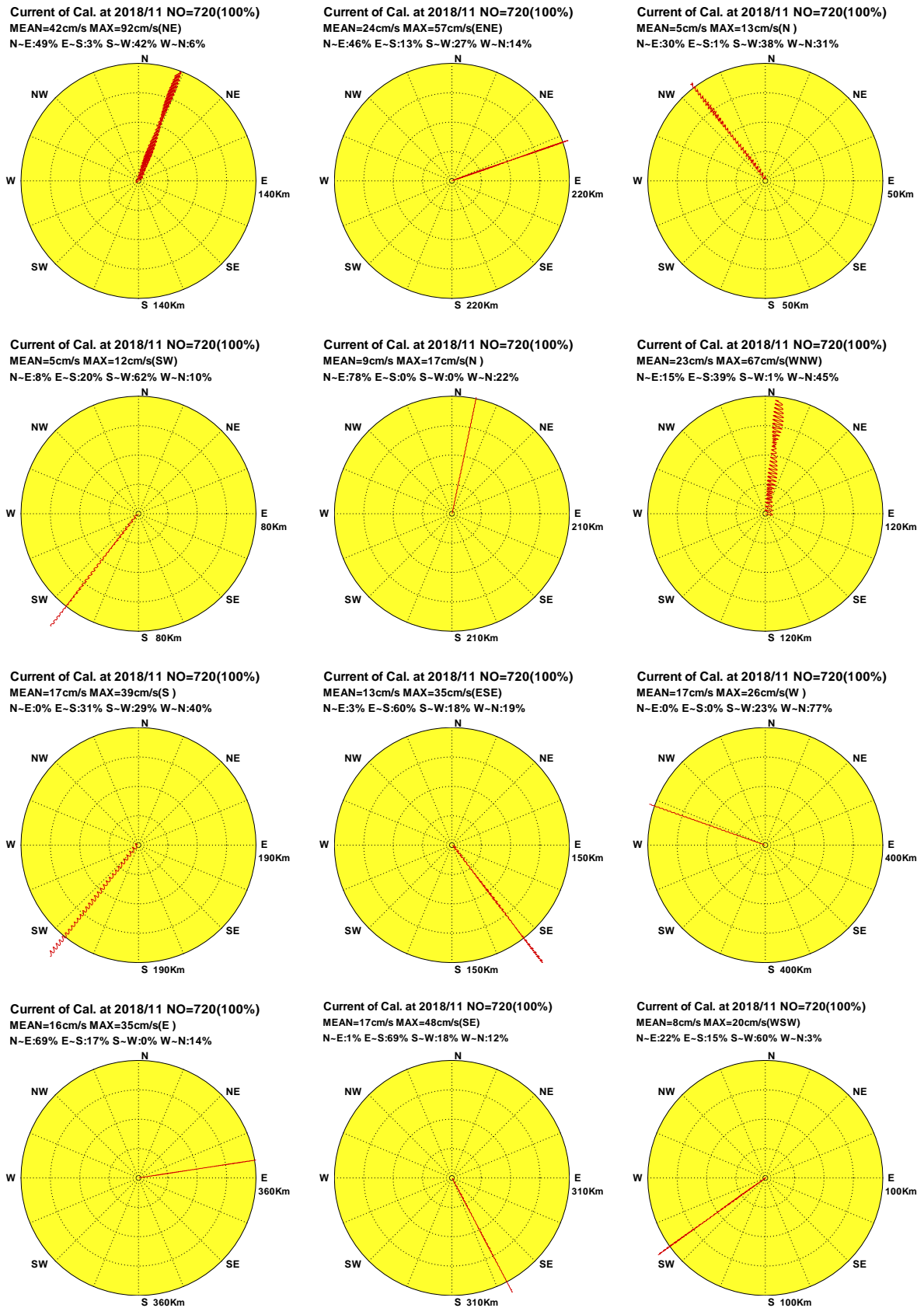


圖4.12d 2018年11月12海域主要測站1計算潮流向量行進圖

C18BTPX0.1HD C18BKXL0.1HD C18BSAX0.1HD C18BHLX0.1HD C18BLTX0.1HD C18BPNZ0.1HD
 C18BKHX0.1HD C18BCNX0.1HD C18BTCX0.1HD C18BPHX0.1HD C18BKMX0.1HD C18BMSX0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

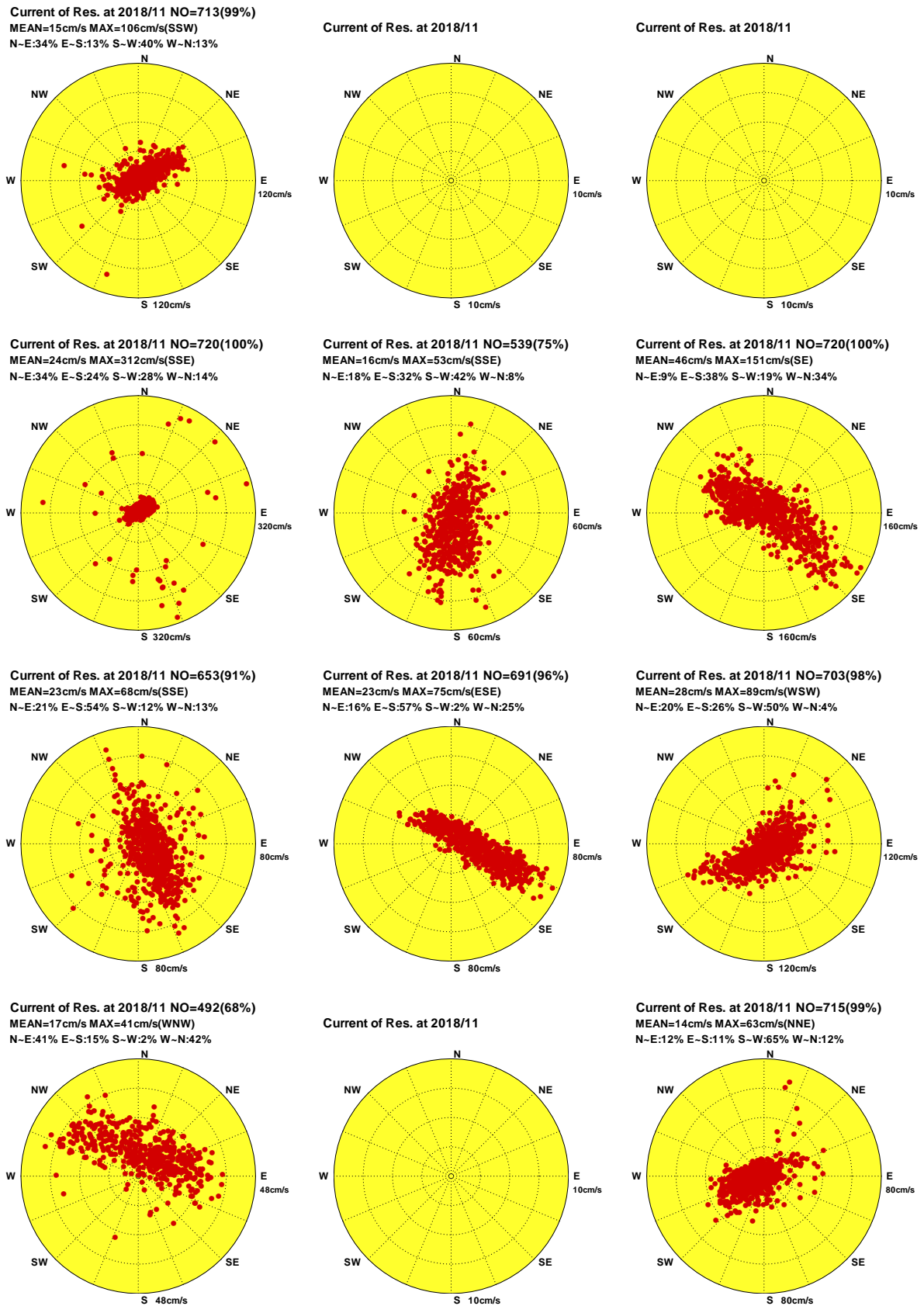


圖4.12e 2018年11月12海域主要測站1計算殘流向量分佈圖

C18BTPX0.1HR C18BKLX0.1HR C18BSAX0.1HR C18BHLX0.1HR C18BLTX0.1HR C18BPNZ0.1HR
 C18BKNX0.1HR C18BCNX0.1HR C18BTCX0.1HR C18BPHX0.1HR C18BKMX0.1HR C18BMSX0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

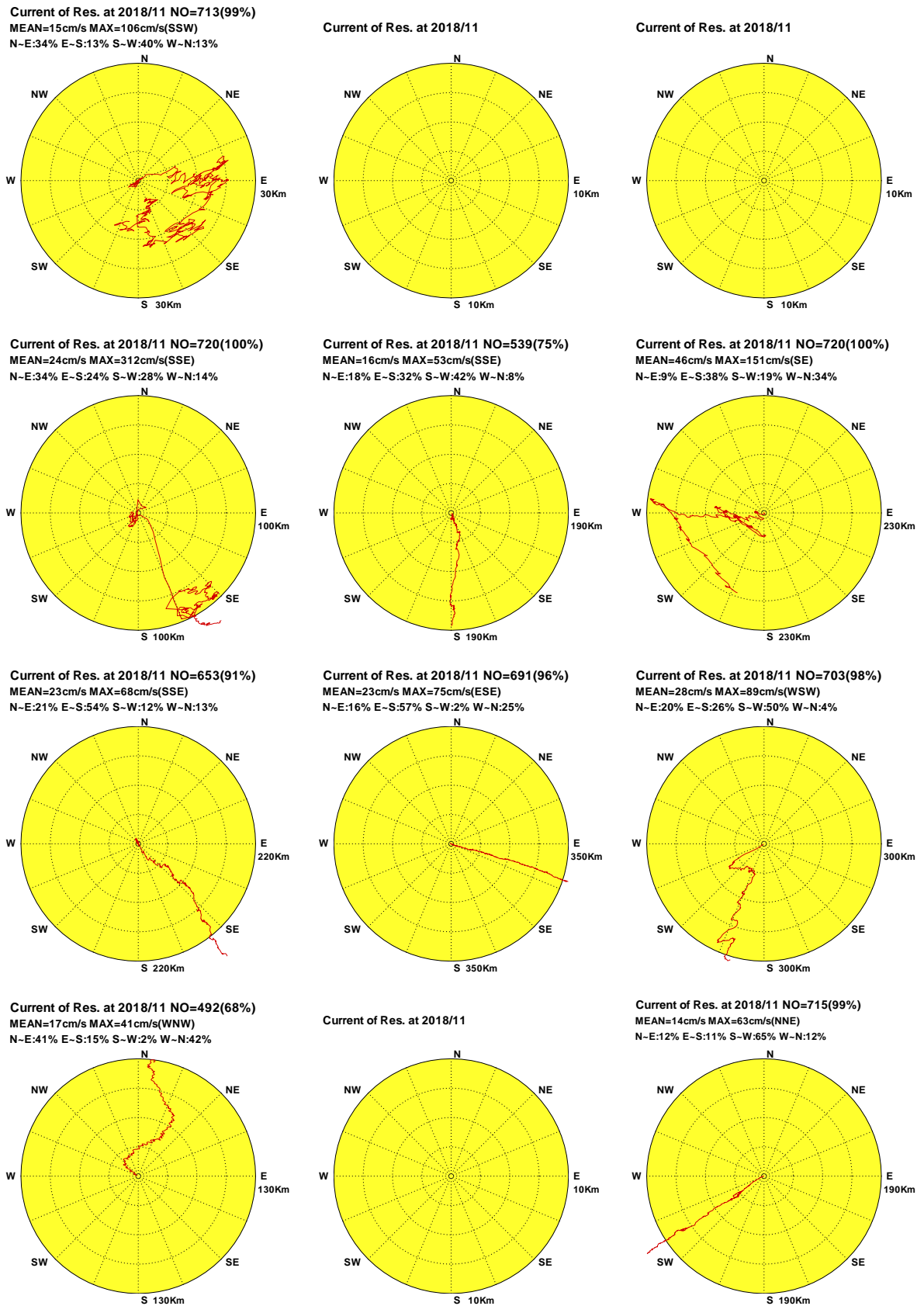


圖4.12f 2018年11月12海域主要測站1計算殘流向量行進圖

C18BTPX0.1HR C18BKX0.1HR C18BSAX0.1HR C18BHLX0.1HR C18BLTX0.1HR C18BPNZ0.1HR
 C18BKHX0.1HR C18BCNX0.1HR C18BTCX0.1HR C18BPHX0.1HR C18BKMX0.1HR C18BMSX0.1HR

Institute of Harbor & Marine Technology

第五章 2018 年 12 海域海流主要觀測站 2 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 觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	744(100%)	28.1	13.8/N	85.0/NNE	48.1	42.7	9.1	.0	46.2	2.8	30.1	20.8	NNE/26.3%
3	宜蘭海域(Y)	744(100%)	24.6	13.4/SSE	98.0/SSE	60.1	31.0	8.9	.0	6.6	56.7	9.8	26.9	SSE/31.3%
4	花蓮海域 (Y)													
5	臺東海域(Y)	744(100%)	44.4	26.3/NE	126.0/NE	31.6	30.1	35.9	2.4	66.1	3.9	28.5	1.5	NE /35.5%
6	屏東海域 (Y)													
7	高雄海域(Z)	741(100%)	19.5	1.3/NNE	64.0/N	71.1	28.1	.8	.0	21.9	31.6	17.9	28.6	S /19.6%
8	嘉南海域(A)	743(100%)	27.1	18.3/S	80.4/S	57.9	32.0	10.1	.0	26.9	31.5	40.5	1.1	S /34.9%
9	中雲海域(U)	135(18%)	55.4	33.5/SSW	158.0/SW	22.2	34.8	30.4	12.6	23.7	7.4	65.2	3.7	SW /39.3%
10	澎湖海域(A)	715(96%)	18.1	13.7/SSW	60.0/SSW	78.3	21.1	.6	.0	.8	18.5	57.9	22.8	SSW/21.7%
11	金門海域(A)	383(52%)	50.3	18.8/WSW	109.0/SW	21.9	30.3	46.7	1.0	30.3	3.7	55.6	10.4	SW /45.7%
12	馬祖海域(A)	594(80%)	44.7	30.5/S	117.2/S	27.3	29.8	42.8	.2	10.6	21.9	53.0	14.5	S /49.0%

表 5.1b 2017年12月12個海域主要測站2潮流 (含平均流) 流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	744(100%)	9.4	9.0/N	19.0/NNE	100.0	.0	.0	.0	60.2	.0	.8	39.0	N /45.7%
3	宜蘭海域(Y)	744(100%)	19.4	10.0/SSE	57.8/SSE	71.4	27.4	1.2	.0	.7	57.8	8.6	32.9	SSE/37.1%
4	花蓮海域 (Y)													
5	臺東海域(Y)	744(100%)	12.9	5.8/NE	30.5/SW	95.7	4.3	.0	.0	67.6	3.4	25.8	3.2	NE /42.3%
6	屏東海域 (Y)													
7	高雄海域(Z)	744(100%)	21.5	2.1/SSW	58.4/N	64.4	34.5	1.1	.0	18.1	27.8	25.8	28.2	S /37.8%
8	嘉南海域(A)	744(100%)	12.3	9.1/S	25.9/S	99.6	.4	.0	.0	21.5	27.6	48.8	2.2	SSW/30.9%
9	中雲海域(U)	744(100%)	33.6	33.6/SSW	58.1/SW	28.6	68.1	3.2	.0	.0	.0	100.0	.0	SSW/89.4%
10	澎湖海域(A)	744(100%)	8.3	7.9/SSW	13.9/S	100.0	.0	.0	.0	.0	.7	99.3	.0	SSW/42.6%
11	金門海域(A)	744(100%)	41.4	18.7/WSW	102.6/SW	31.0	35.8	33.2	.0	36.3	.0	57.3	6.5	SW /47.2%
12	馬祖海域(A)	744(100%)	27.4	27.4/S	39.1/S	36.0	64.0	.0	.0	.0	43.0	57.0	.0	S /****%

5-2

表 5.1c 2017 年 12 月 12 個海域主要測站 2 殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2 節流 <25.7 (%)	1 節流 ~51.4 (%)	2 節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	744(100%)	26.2	5.0/NNW	81.0/SW	52.7	41.4	5.9	.0	39.9	6.3	36.8	16.9	NNE/21.6%
3	宜蘭海域(Y)	744(100%)	14.5	3.4/SSE	55.2/S	89.4	10.5	.1	.0	14.4	41.0	16.3	28.4	SSE/16.9%
4	花蓮海域 (Y)													
5	臺東海域(Y)	744(100%)	39.6	20.5/ENE	111.4/ENE	35.1	33.2	30.9	.8	62.9	4.0	31.5	1.6	NE /30.8%
6	屏東海域 (Y)													
7	高雄海域(Z)	741(100%)	13.3	3.6/NNE	58.3/NNW	91.6	8.0	.4	.0	29.7	29.0	10.5	30.8	N /14.6%
8	嘉南海域(A)	743(100%)	20.0	9.4/SSE	65.9/SSW	72.9	25.2	1.9	.0	32.3	30.3	34.6	2.8	S /26.2%
9	中雲海域(U)	135(18%)	40.5	1.6/NE	126.3/NE	39.3	27.4	29.6	3.7	39.3	10.4	41.5	8.9	SW /24.4%
10	澎湖海域(A)	715(96%)	13.6	5.8/SSW	52.9/SSW	91.0	8.8	.1	.0	7.3	22.9	37.1	32.7	SSW/13.6%
11	金門海域(A)	383(52%)	18.6	2.6/NNW	58.3/NNE	77.0	21.9	1.0	.0	29.0	12.5	42.6	15.9	SW /17.0%
12	馬祖海域(A)	594(80%)	36.5	4.0/SW	107.6/N	31.6	47.5	20.7	.2	19.5	13.1	44.3	23.1	N /27.6%

表5.2a 2018年1月12個海域主要測站2觀測流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	462(62%)	28.2	17.1/N	73.0/NNE	47.4	43.1	9.5	.0	48.9	2.8	25.5	22.7	NNE/33.3%
3	宜蘭海域(Y)	743(100%)	23.0	10.9/SSE	77.0/SSE	66.1	29.3	4.6	.0	3.4	57.2	10.8	28.7	SSE/24.4%
4	花蓮海域 (Y)													
5	臺東海域(Y)	744(100%)	27.1	.9/SE	84.0/NE	52.0	38.7	9.3	.0	44.9	5.8	46.9	2.4	SW /28.1%
6	屏東海域 (Y)													
7	高雄海域(Z)	744(100%)	24.3	3.1/SE	69.0/N	59.3	35.8	5.0	.0	21.1	36.7	16.1	26.1	N /19.1%
8	嘉南海域(A)	740(100%)	27.9	20.5/S	79.1/SSW	56.8	31.2	12.0	.0	20.0	34.9	43.6	1.5	S /33.1%
9	中雲海域 (U)													
10	澎湖海域(A)	689(93%)	16.8	12.3/SW	56.4/SSW	80.3	19.6	.1	.0	.3	15.5	59.1	25.1	SSW/22.6%
11	金門海域(A)	721(97%)	52.2	19.8/WSW	133.7/SW	22.3	29.8	42.7	5.1	29.0	2.9	55.9	12.2	SW /42.4%
12	馬祖海域(A)	399(54%)	43.6	30.7/S	98.7/S	27.3	31.8	40.9	.0	9.0	36.6	39.3	15.0	S /53.9%

表5.2b 2018年1月12個海域主要測站2潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(Y)													
2	北端海域(Y)	744(100%)	9.4	9.0/N	19.5/NNE	100.0	.0	.0	.0	59.5	.0	1.3	39.1	N /44.1%
3	宜蘭海域(Y)	744(100%)	19.5	10.0/SSE	57.6/SSE	69.5	29.0	1.5	.0	1.2	57.4	7.1	34.3	SSE/36.6%
4	花蓮海域(Y)													
5	臺東海域(Y)	744(100%)	12.5	5.7/NE	29.5/SW	97.7	2.3	.0	.0	69.5	2.8	25.0	2.7	NE /41.4%
6	屏東海域(Y)													
7	高雄海域(Z)	744(100%)	21.9	2.1/SSW	59.3/N	62.8	35.5	1.7	.0	19.8	27.2	26.2	26.9	S /39.0%
8	嘉南海域(A)	744(100%)	12.3	9.1/S	25.7/SSW	100.0	.0	.0	.0	21.9	27.2	49.2	1.7	SSW/29.7%
9	中雲海域(U)	744(100%)	33.7	33.6/SSW	65.2/SSW	27.6	64.9	7.5	.0	.0	.0	100.0	.0	SSW/79.6%
10	澎湖海域(A)	744(100%)	8.3	7.9/SSW	14.0/S	100.0	.0	.0	.0	.0	.0	100.0	.0	SSW/40.7%
11	金門海域(A)	743(100%)	41.8	18.6/WSW	101.5/SW	29.3	35.9	34.7	.0	36.6	.0	54.6	8.7	SW /46.4%
12	馬祖海域(A)	744(100%)	27.3	27.3/S	39.8/S	38.2	61.8	.0	.0	.0	43.0	57.0	.0	S /****%

表5.2c 2018年1月12個海域主要測站2殘餘流流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(Y)													
2	北端海域(Y)	462(62%)	25.4	8.2/N	72.4/NNE	55.6	39.2	5.2	.0	43.1	5.2	35.9	15.8	NNE/28.1%
3	宜蘭海域(Y)	743(100%)	12.9	.9/SSE	43.5/NNW	91.4	8.6	.0	.0	16.3	34.9	15.2	33.6	NNW/13.2%
4	花蓮海域(Y)													
5	臺東海域(Y)	744(100%)	26.7	5.8/SW	88.3/SW	55.0	34.5	10.5	.0	37.4	5.8	53.9	3.0	SW /30.8%
6	屏東海域(Y)													
7	高雄海域(Z)	744(100%)	14.8	3.3/E	45.5/SSE	90.3	9.7	.0	.0	25.7	37.4	13.4	23.5	SSE/14.0%
8	嘉南海域(A)	740(100%)	19.8	11.4/S	62.1/SSW	72.6	25.1	2.3	.0	26.2	32.8	38.4	2.6	S /22.6%
9	中雲海域(U)													
10	澎湖海域(A)	689(93%)	12.7	4.7/SW	51.4/NNE	91.9	8.0	.1	.0	10.2	16.5	37.6	35.7	SSW/15.7%
11	金門海域(A)	721(97%)	19.7	2.1/NNW	58.1/NE	74.1	24.7	1.2	.0	31.8	11.0	40.8	16.5	SW /14.0%
12	馬祖海域(A)	399(54%)	35.1	3.4/S	98.4/N	34.6	47.6	17.8	.0	19.3	27.8	32.6	20.3	S /34.6%

表5.3a 2018年2月12個海域主要測站2觀測流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	301(45%)	23.5	13.4/N	71.0/N	57.1	37.9	5.0	.0	52.5	2.0	27.9	17.6	NNE/32.2%
3	宜蘭海域(Y)	672(100%)	22.0	7.9/SSE	71.0/SSE	65.6	31.0	3.4	.0	8.0	54.8	7.6	29.6	SSE/22.5%
4	花蓮海域 (Y)													
5	臺東海域(Y)	672(100%)	28.7	5.1/SW	85.0/NE	48.8	38.7	12.5	.0	36.0	6.3	53.0	4.8	SW /31.4%
6	屏東海域 (Y)													
7	高雄海域(Z)	658(98%)	29.1	3.1/NNW	100.0/NNW	51.7	35.0	13.4	.0	16.7	31.0	14.6	37.7	NNW/17.6%
8	嘉南海域(A)	664(99%)	27.7	20.4/S	76.7/SSW	55.4	34.2	10.4	.0	21.5	38.1	39.6	.8	S /33.4%
9	中雲海域 (U)													
10	澎湖海域(A)	460(69%)	18.8	15.8/SSW	56.3/SW	76.5	22.6	.9	.0	.9	15.7	70.9	12.6	SSW/30.0%
11	金門海域(A)	639(95%)	52.0	18.7/WSW	122.8/SW	20.7	32.4	41.9	5.0	30.7	2.3	55.2	11.7	SW /41.6%
12	馬祖海域(A)	462(69%)	41.8	29.3/S	113.6/S	30.1	35.5	34.2	.2	9.3	35.5	39.4	15.8	S /50.4%

表5.3b 2018年2月12個海域主要測站2潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(Y)													
2	北端海域(Y)	672(100%)	9.4	9.0/N	19.6/NNE	100.0	.0	.0	.0	59.4	.0	1.6	39.0	N /41.1%
3	宜蘭海域(Y)	672(100%)	19.0	10.1/SSE	56.2/SSE	71.4	28.0	.6	.0	1.8	57.1	7.3	33.8	SSE/37.4%
4	花蓮海域(Y)													
5	臺東海域(Y)	672(100%)	10.9	5.7/NE	25.8/ENE	99.9	.1	.0	.0	69.2	3.9	23.1	3.9	NE /39.7%
6	屏東海域(Y)													
7	高雄海域(Z)	672(100%)	21.2	2.2/SSW	57.0/N	64.0	35.3	.7	.0	18.8	28.1	25.9	27.2	S /39.9%
8	嘉南海域(A)	672(100%)	12.4	9.2/S	26.2/S	99.7	.3	.0	.0	20.4	29.6	48.7	1.3	SSW/28.3%
9	中雲海域(U)	672(100%)	33.8	33.6/SSW	68.9/SW	29.6	57.9	12.5	.0	.0	.7	99.3	.0	SSW/61.8%
10	澎湖海域(A)	672(100%)	8.3	7.9/SSW	13.8/S	100.0	.0	.0	.0	.0	.9	99.1	.0	SSW/41.7%
11	金門海域(A)	672(100%)	42.0	18.8/WSW	99.8/SW	29.9	36.3	33.8	.0	35.7	.0	57.3	7.0	SW /46.9%
12	馬祖海域(A)	672(100%)	27.3	27.3/S	39.8/S	37.4	62.6	.0	.0	.0	42.4	57.6	.0	S /****%

表5.3c 2018年2月12個海域主要測站2殘餘流流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	301(45%)	22.4	4.4/N	71.4/NNE	65.8	30.2	4.0	.0	46.2	6.3	37.9	9.6	NNE/25.2%
3	宜蘭海域(Y)	672(100%)	12.9	2.5/N	43.6/NNW	93.6	6.4	.0	.0	22.0	29.2	10.4	38.4	NNW/16.2%
4	花蓮海域 (Y)													
5	臺東海域(Y)	672(100%)	28.7	10.8/SW	87.1/SW	49.1	39.0	11.9	.0	30.8	6.5	58.2	4.5	SW /36.2%
6	屏東海域 (Y)													
7	高雄海域(Z)	658(98%)	23.7	5.2/N	68.5/NNW	59.3	37.5	3.2	.0	17.9	32.2	9.6	40.3	NNW/19.1%
8	嘉南海域(A)	664(99%)	19.3	11.4/SSE	63.7/SSW	75.3	23.0	1.7	.0	27.0	35.7	35.2	2.1	S /25.3%
9	中雲海域 (U)													
10	澎湖海域(A)	460(69%)	13.6	7.9/SSW	49.3/SSW	88.3	11.7	.0	.0	9.1	18.5	46.7	25.7	SSW/20.7%
11	金門海域(A)	639(95%)	18.9	2.7/N	54.8/ENE	75.9	23.3	.8	.0	36.9	12.1	34.0	17.1	SW /12.2%
12	馬祖海域(A)	462(69%)	33.8	2.1/S	90.9/N	39.8	40.3	19.9	.0	21.2	25.3	32.7	20.8	S /33.1%

表5.4a 2018年3月12個海域主要測站2觀測流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	606(82%)	13.4	7.5/N	53.0/NNE	86.8	12.9	.3	.0	45.2	6.8	25.2	22.8	NNE/20.5%
3	宜蘭海域(Y)	744(100%)	21.0	7.7/SSE	74.0/SSE	66.4	30.5	3.1	.0	5.2	51.2	10.5	33.1	SSE/22.4%
4	花蓮海域 (Y)													
5	臺東海域(Y)	744(100%)	37.8	16.5/SW	118.0/SW	40.2	33.7	23.7	2.4	27.4	3.9	62.9	5.8	SW /34.1%
6	屏東海域 (Y)													
7	高雄海域(Z)	695(93%)	30.8	3.9/ESE	119.0/N	46.8	38.6	14.2	.4	22.9	46.6	6.9	23.6	SSE/20.9%
8	嘉南海域(A)	725(97%)	27.4	15.9/S	74.0/S	54.8	35.0	10.2	.0	27.4	30.1	39.2	3.3	S /28.6%
9	中雲海域 (U)													
10	澎湖海域(A)	729(98%)	20.1	16.0/SSW	60.5/SSW	71.5	26.3	2.2	.0	4.3	19.3	65.8	10.6	SSW/30.6%
11	金門海域(A)	308(41%)	49.7	17.8/WSW	135.0/SW	26.3	33.1	34.1	6.5	31.5	1.6	53.2	13.6	SW /35.7%
12	馬祖海域(A)	470(63%)	40.7	27.8/S	113.2/S	31.9	33.8	33.8	.4	9.1	41.9	31.1	17.9	S /52.3%

表5.4b 2018年3月12個海域主要測站2潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(Y)													
2	北端海域(Y)	744(100%)	9.5	9.0/N	19.9/NNE	100.0	.0	.0	.0	58.6	.0	3.1	38.3	N /40.7%
3	宜蘭海域(Y)	744(100%)	19.7	10.0/SSE	52.9/SSE	69.4	30.4	.3	.0	2.0	58.1	7.7	32.3	SSE/37.6%
4	花蓮海域(Y)													
5	臺東海域(Y)	744(100%)	10.5	5.7/NE	25.1/NE	100.0	.0	.0	.0	67.2	3.6	25.4	3.8	NE /36.0%
6	屏東海域(Y)													
7	高雄海域(Z)	744(100%)	21.3	2.0/SSW	50.2/N	62.0	38.0	.0	.0	18.5	26.1	27.6	27.8	S /39.1%
8	嘉南海域(A)	744(100%)	12.5	9.1/S	26.8/S	98.8	1.2	.0	.0	21.2	28.9	47.0	2.8	SSW/24.7%
9	中雲海域(U)	744(100%)	33.9	33.6/SSW	69.0/SW	32.3	53.1	14.7	.0	.0	1.1	98.9	.0	SSW/59.3%
10	澎湖海域(A)	744(100%)	8.3	7.9/SSW	13.3/S	100.0	.0	.0	.0	.0	1.3	98.7	.0	SSW/40.3%
11	金門海域(A)	744(100%)	42.1	18.7/WSW	102.5/SW	29.8	35.5	34.7	.0	36.6	.0	55.9	7.5	SW /46.6%
12	馬祖海域(A)	744(100%)	27.3	27.3/S	39.1/S	37.6	62.4	.0	.0	.0	43.0	57.0	.0	S /****%

表5.4c 2018年3月12個海域主要測站2殘餘流流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	606(82%)	14.2	1.8/SSE	53.5/NE	91.6	8.1	.3	.0	32.2	14.5	46.4	6.9	SSW/23.1%
3	宜蘭海域(Y)	744(100%)	12.1	2.4/NNW	46.2/NW	94.0	6.0	.0	.0	17.2	30.9	13.6	38.3	NNW/18.0%
4	花蓮海域 (Y)													
5	臺東海域(Y)	744(100%)	38.8	22.2/SW	122.1/WSW	39.9	31.9	25.0	3.2	22.7	2.7	69.8	4.8	SW /38.4%
6	屏東海域 (Y)													
7	高雄海域(Z)	695(93%)	20.1	4.5/E	73.8/NNW	73.1	23.6	3.3	.0	24.9	48.3	8.2	18.6	SSE/18.6%
8	嘉南海域(A)	725(97%)	19.4	7.0/SSE	53.2/SSW	74.6	24.8	.6	.0	30.3	28.4	34.2	7.0	S /22.1%
9	中雲海域 (U)													
10	澎湖海域(A)	729(98%)	15.4	8.2/SSW	51.3/S	82.2	17.8	.0	.0	15.2	22.9	45.8	16.0	SSW/17.8%
11	金門海域(A)	308(41%)	19.9	3.7/N	52.7/NNE	71.4	28.2	.3	.0	45.1	10.1	32.5	12.3	NNE/15.9%
12	馬祖海域(A)	470(63%)	33.9	.8/SE	94.7/N	38.1	43.0	18.9	.0	17.9	33.6	23.4	25.1	S /33.0%

表5.5a 2018年4月12個海域主要測站2觀測流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	672(93%)	10.9	5.9/N	47.0/NNE	90.9	9.1	.0	.0	44.8	9.1	23.2	22.9	NNE/20.1%
3	宜蘭海域(Y)	720(100%)	22.0	9.7/SSE	72.0/SSE	64.0	32.2	3.8	.0	5.8	56.3	7.9	30.0	SSE/24.3%
4	花蓮海域 (Y)													
5	臺東海域(Y)	716(99%)	56.9	15.8/NE	142.0/NE	24.7	22.8	40.5	12.0	54.2	2.7	38.5	4.6	NE /37.8%
6	屏東海域 (Y)													
7	高雄海域(Z)	685(95%)	26.5	2.0/W	78.0/N	53.6	37.5	8.9	.0	13.9	27.9	24.2	34.0	S /25.5%
8	嘉南海域(A)	698(97%)	25.0	12.7/SSE	75.1/S	62.0	31.4	6.6	.0	27.9	33.1	35.4	3.6	S /24.2%
9	中雲海域 (U)													
10	澎湖海域(A)	714(99%)	19.8	8.7/S	58.0/NNE	72.3	25.9	1.8	.0	20.4	19.3	51.1	9.1	SSW/24.1%
11	金門海域 (A)													
12	馬祖海域(A)	267(37%)	42.2	27.2/S	103.3/S	34.5	28.5	36.7	.4	12.4	43.8	29.6	14.2	S /46.4%

表5.5b 2018年4月12個海域主要測站2潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(Y)													
2	北端海域(Y)	720(100%)	9.4	9.0/N	19.8/NNE	100.0	.0	.0	.0	58.6	.0	2.1	39.3	N /42.6%
3	宜蘭海域(Y)	720(100%)	19.7	10.1/SSE	50.3/SSE	71.3	28.8	.0	.0	.7	59.7	7.4	32.2	SSE/38.6%
4	花蓮海域(Y)													
5	臺東海域(Y)	720(100%)	11.2	5.7/NE	27.1/NE	98.3	1.7	.0	.0	64.7	3.3	26.4	5.6	NE /36.9%
6	屏東海域(Y)													
7	高雄海域(Z)	720(100%)	21.0	2.1/SSW	48.1/N	62.4	37.6	.0	.0	19.0	23.6	29.2	28.2	S /38.1%
8	嘉南海域(A)	720(100%)	12.6	9.1/S	27.1/S	98.5	1.5	.0	.0	20.6	29.6	47.9	1.9	SSW/25.8%
9	中雲海域(U)	720(100%)	33.8	33.6/SSW	65.6/SW	30.1	57.4	12.5	.0	.0	.0	100.0	.0	SSW/62.9%
10	澎湖海域(A)	720(100%)	8.3	7.9/SSW	13.1/S	100.0	.0	.0	.0	.0	2.2	97.8	.0	SSW/41.3%
11	金門海域(A)	720(100%)	42.1	18.8/WSW	101.5/SW	29.7	35.3	35.0	.0	35.3	.0	56.3	8.5	SW /45.4%
12	馬祖海域(A)	720(100%)	27.3	27.3/S	37.9/S	37.4	62.6	.0	.0	.0	43.6	56.4	.0	S /****%

5-14

表5.5c 2018年4月12個海域主要測站2殘餘流流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	672(93%)	12.8	3.3/S	44.5/NNE	93.6	6.4	.0	.0	29.0	17.4	49.4	4.2	SSW/25.0%
3	宜蘭海域(Y)	720(100%)	12.6	1.0/NE	42.6/NNW	93.8	6.3	.0	.0	19.6	36.0	8.9	35.6	SSE/14.9%
4	花蓮海域 (Y)													
5	臺東海域(Y)	716(99%)	53.8	10.2/NE	134.8/SW	24.0	25.4	42.5	8.1	51.5	1.8	42.0	4.6	NE /35.9%
6	屏東海域 (Y)													
7	高雄海域(Z)	685(95%)	15.1	2.9/NNW	48.2/NNW	87.7	12.3	.0	.0	18.8	26.9	15.2	39.1	NNW/16.5%
8	嘉南海域(A)	698(97%)	18.4	4.9/SE	60.5/NNE	78.4	21.1	.6	.0	36.2	29.1	24.4	10.3	S /15.8%
9	中雲海域 (U)													
10	澎湖海域(A)	714(99%)	17.5	2.7/ESE	65.7/NNE	78.7	19.6	1.7	.0	35.3	15.0	38.0	11.8	SSW/17.8%
11	金門海域 (A)													
12	馬祖海域(A)	267(37%)	35.3	2.2/E	102.4/N	36.3	43.8	19.9	.0	25.1	32.6	22.1	20.2	S /28.5%

表5.6a 2018年5月12個海域主要測站2觀測流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	718(97%)	17.4	10.2/N	76.0/NNE	75.9	21.9	2.2	.0	49.6	6.7	23.8	19.9	NNE/29.5%
3	宜蘭海域(Y)	743(100%)	22.2	9.4/SSE	78.0/SE	64.2	31.0	4.8	.0	4.8	55.2	8.7	31.2	SSE/23.4%
4	花蓮海域 (Y)													
5	臺東海域(Y)	673(91%)	45.0	27.5/NE	128.0/NE	36.1	25.0	33.9	5.1	60.3	4.9	27.2	7.6	NE /36.0%
6	屏東海域 (Y)													
7	高雄海域(Z)	722(97%)	34.2	18.3/S	110.0/SSE	42.0	35.7	21.9	.4	9.6	41.7	28.7	20.1	S /29.9%
8	嘉南海域(A)	671(90%)	40.9	6.5/SSW	257.5/SW	45.2	39.5	5.7	9.7	34.4	29.4	27.3	8.9	S /14.0%
9	中雲海域 (U)													
10	澎湖海域(A)	721(97%)	22.6	9.7/NE	60.1/ENE	64.8	33.4	1.8	.0	55.8	10.0	22.9	11.4	NNE/20.5%
11	金門海域 (A)													
12	馬祖海域(A)	176(24%)	39.0	27.7/S	83.3/S	27.3	43.2	29.5	.0	6.3	51.7	29.0	13.1	S /48.3%

表5.6b 2018年5月12個海域主要測站2潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(Y)													
2	北端海域(Y)	744(100%)	9.4	9.0/N	19.5/NNE	100.0	.0	.0	.0	59.9	.0	1.5	38.6	N /45.4%
3	宜蘭海域(Y)	744(100%)	19.7	10.1/SSE	54.6/SSE	71.2	28.0	.8	.0	.9	58.7	7.8	32.5	SSE/39.5%
4	花蓮海域(Y)													
5	臺東海域(Y)	744(100%)	12.7	5.7/NE	29.0/ENE	96.2	3.8	.0	.0	66.9	2.8	26.6	3.6	NE /40.7%
6	屏東海域(Y)													
7	高雄海域(Z)	744(100%)	21.3	2.1/SSW	54.7/N	65.2	34.4	.4	.0	20.3	25.8	27.3	26.6	S /37.0%
8	嘉南海域(A)	744(100%)	12.6	9.2/S	26.8/S	99.2	.8	.0	.0	21.8	28.2	47.7	2.3	SSW/28.1%
9	中雲海域(U)	744(100%)	33.7	33.6/SSW	61.4/SW	29.2	63.2	7.7	.0	.0	.0	100.0	.0	SSW/76.5%
10	澎湖海域(A)	744(100%)	8.3	7.9/SSW	13.5/S	100.0	.0	.0	.0	.0	2.8	97.2	.0	SSW/44.9%
11	金門海域(A)	744(100%)	42.3	18.8/WSW	101.5/SW	30.9	34.0	35.1	.0	35.9	.0	57.1	7.0	SW /46.9%
12	馬祖海域(A)	744(100%)	27.4	27.3/S	38.7/S	37.0	63.0	.0	.0	.0	43.1	56.9	.0	S /****%

表5.6c 2018年5月12個海域主要測站2殘餘流流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	718(97%)	17.3	1.2/NNE	74.0/NNE	82.0	16.9	1.1	.0	37.5	11.8	41.4	9.3	SSW/20.1%
3	宜蘭海域(Y)	743(100%)	12.2	1.1/NNE	54.0/SSE	92.7	7.1	.1	.0	20.1	32.8	10.2	36.9	NNW/14.0%
4	花蓮海域 (Y)													
5	臺東海域(Y)	673(91%)	41.2	21.6/NE	119.6/NE	37.4	30.0	30.3	2.2	59.7	4.2	30.3	5.8	NE /33.9%
6	屏東海域 (Y)													
7	高雄海域(Z)	722(97%)	23.2	16.9/S	102.3/SSE	65.8	25.5	8.7	.0	9.1	46.4	31.3	13.2	S /21.5%
8	嘉南海域(A)	671(90%)	37.1	4.1/NW	260.2/SW	59.0	25.6	5.8	9.5	44.9	21.8	18.3	15.1	ENE/12.4%
9	中雲海域 (U)													
10	澎湖海域(A)	721(97%)	25.5	17.6/NNE	65.9/ENE	56.9	37.7	5.4	.0	70.7	3.7	18.2	7.4	NNE/29.5%
11	金門海域 (A)													
12	馬祖海域(A)	176(24%)	30.4	2.5/SE	79.8/N	47.2	38.6	14.2	.0	19.3	40.3	19.3	21.0	S /28.4%

表5.7a 2018年6月12個海域主要測站2觀測流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	720(100%)	23.6	15.9/N	74.0/N	59.9	35.7	4.4	.0	57.1	4.4	21.4	17.1	NNE/36.4%
3	宜蘭海域(Y)	720(100%)	22.9	11.0/SSE	81.0/SSE	65.7	27.2	7.1	.0	7.9	51.8	11.3	29.0	SSE/24.9%
4	花蓮海域 (Y)													
5	臺東海域(Y)	456(63%)	18.2	2.6/NNW	86.0/SW	76.8	17.5	5.7	.0	37.5	7.0	41.7	13.8	SW /15.8%
6	屏東海域 (Y)													
7	高雄海域(Z)	701(97%)	39.2	5.6/SW	134.0/NNW	37.8	33.4	27.1	1.7	13.6	21.5	33.2	31.7	S /21.5%
8	嘉南海域(A)	678(94%)	26.3	1.4/W	84.1/NE	52.9	44.1	2.9	.0	27.0	16.7	32.9	23.5	N /11.8%
9	中雲海域 (U)													
10	澎湖海域(A)	716(99%)	22.3	3.2/WSW	61.1/SSW	64.9	32.5	2.5	.0	33.2	8.5	45.3	13.0	SSW/19.6%
11	金門海域(A)	135(19%)	51.2	25.7/WSW	115.9/SW	26.7	25.9	41.5	5.9	25.2	2.2	54.1	18.5	SW /45.2%
12	馬祖海域(A)	362(50%)	39.4	26.7/S	109.3/S	32.9	39.0	27.3	.8	8.6	50.6	26.2	14.6	S /46.1%

表5.7b 2018年6月12個海域主要測站2潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(Y)													
2	北端海域(Y)	720(100%)	9.4	9.0/N	18.8/NNE	100.0	.0	.0	.0	60.7	.0	.6	38.8	N /47.4%
3	宜蘭海域(Y)	720(100%)	19.3	10.1/SSE	57.8/SSE	70.7	28.1	1.3	.0	1.1	58.1	7.9	32.9	SSE/38.5%
4	花蓮海域(Y)													
5	臺東海域(Y)	720(100%)	13.3	5.7/NE	30.5/SW	95.4	4.6	.0	.0	67.6	2.6	26.8	2.9	NE /43.9%
6	屏東海域(Y)													
7	高雄海域(Z)	720(100%)	21.4	2.1/SSW	58.5/N	64.6	34.0	1.4	.0	19.0	27.4	26.1	27.5	S /37.2%
8	嘉南海域(A)	720(100%)	12.4	9.2/S	25.9/SSW	99.9	.1	.0	.0	22.1	27.4	48.9	1.7	SSW/30.7%
9	中雲海域(U)	720(100%)	33.7	33.6/SSW	54.7/SSW	25.1	73.2	1.7	.0	.0	.0	100.0	.0	SSW/91.5%
10	澎湖海域(A)	720(100%)	8.3	7.9/SSW	14.0/S	100.0	.0	.0	.0	.0	.7	99.3	.0	SSW/43.5%
11	金門海域(A)	720(100%)	41.8	18.8/WSW	101.3/SW	30.7	34.9	34.4	.0	35.8	.0	55.8	8.3	SW /46.5%
12	馬祖海域(A)	720(100%)	27.4	27.3/S	39.2/S	37.5	62.5	.0	.0	.0	42.8	57.2	.0	S /****%

5-20

表5.7c 2018年6月12個海域主要測站2殘餘流流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	720(100%)	21.9	7.0/NNE	61.4/NNE	65.8	33.1	1.1	.0	46.8	9.6	33.6	10.0	NNE/28.5%
3	宜蘭海域(Y)	720(100%)	13.0	1.0/S	46.9/SSE	94.3	5.7	.0	.0	16.5	35.1	16.9	31.4	SSE/13.2%
4	花蓮海域 (Y)													
5	臺東海域(Y)	456(63%)	22.0	5.5/W	101.2/SW	69.1	25.7	5.3	.0	34.6	5.5	48.5	11.4	SW /23.7%
6	屏東海域 (Y)													
7	高雄海域(Z)	701(97%)	29.7	3.9/SW	107.5/N	51.2	34.4	14.3	.1	13.6	23.8	26.1	36.5	S /16.8%
8	嘉南海域(A)	678(94%)	23.3	9.1/N	75.3/NE	60.8	37.3	1.9	.0	33.2	11.5	19.9	35.4	N /13.4%
9	中雲海域 (U)													
10	澎湖海域(A)	716(99%)	22.0	6.1/N	67.8/NNE	66.1	30.3	3.6	.0	46.9	3.9	37.2	12.0	NNE/24.6%
11	金門海域(A)	135(19%)	18.4	7.0/WSW	45.2/SW	82.2	17.8	.0	.0	21.5	9.6	52.6	16.3	WSW/21.5%
12	馬祖海域(A)	362(50%)	32.3	2.3/E	90.8/N	44.5	37.3	18.2	.0	22.9	37.0	18.2	21.8	S /29.8%

表5.8a 2018年7月12個海域主要測站2觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	739(99%)	9.7	5.4/N	68.0/NNE	91.5	7.6	.9	.0	30.0	10.1	21.9	37.9	N /16.5%
3	宜蘭海域(Y)	734(99%)	22.9	10.2/SSE	124.0/SE	67.0	24.5	8.3	.1	9.5	49.9	11.6	29.0	SSE/25.2%
4	花蓮海域 (Y)													
5	臺東海域(Y)	510(69%)	38.5	3.2/W	120.0/NE	41.4	30.0	26.1	2.5	31.8	3.3	55.3	9.6	SW /26.9%
6	屏東海域 (Y)													
7	高雄海域(Z)	739(99%)	35.8	13.5/S	109.0/NNW	38.6	37.9	23.4	.1	17.5	29.4	34.4	18.8	S /27.7%
8	嘉南海域(A)	725(97%)	35.7	13.7/NNE	122.1/NE	36.1	45.4	17.4	1.1	50.3	9.2	25.1	15.3	NE /25.0%
9	中雲海域 (U)													
10	澎湖海域(A)	497(67%)	22.8	.8/E	58.7/NNE	62.6	34.2	3.2	.0	38.4	13.3	36.8	11.5	SSW/19.1%
11	金門海域(A)	738(99%)	45.7	20.8/SW	148.8/SW	33.9	26.8	35.1	4.2	29.0	5.3	52.0	13.7	SW /38.1%
12	馬祖海域(A)	96(13%)	29.9	15.2/S	81.3/S	39.6	51.0	9.4	.0	12.5	41.7	28.1	17.7	S /26.0%

表5.8b 2018年7月12個海域主要測站2潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(Y)													
2	北端海域(Y)	744(100%)	9.4	9.0/N	19.3/NNE	100.0	.0	.0	.0	60.5	.0	.9	38.6	N /47.2%
3	宜蘭海域(Y)	744(100%)	19.0	10.1/SSE	57.8/SSE	70.6	28.1	1.3	.0	1.1	57.7	7.8	33.5	SSE/37.8%
4	花蓮海域(Y)													
5	臺東海域(Y)	744(100%)	12.6	5.7/NE	28.3/WSW	97.8	2.2	.0	.0	68.7	3.0	25.3	3.1	NE /43.5%
6	屏東海域(Y)													
7	高雄海域(Z)	744(100%)	21.4	2.2/SSW	57.9/N	64.5	34.4	1.1	.0	17.9	27.7	26.1	28.4	S /39.5%
8	嘉南海域(A)	744(100%)	12.4	9.2/S	25.6/S	100.0	.0	.0	.0	21.8	27.8	48.4	2.0	SSW/30.6%
9	中雲海域(U)	744(100%)	33.7	33.6/SSW	60.5/SSW	25.7	66.8	7.5	.0	.0	.0	100.0	.0	SSW/77.3%
10	澎湖海域(A)	744(100%)	8.3	7.9/SSW	14.2/S	100.0	.0	.0	.0	.0	.0	100.0	.0	SSW/44.0%
11	金門海域(A)	744(100%)	41.8	18.8/WSW	100.5/SW	31.3	35.8	32.9	.0	35.5	.0	56.7	7.8	SW /46.4%
12	馬祖海域(A)	744(100%)	27.4	27.3/S	39.8/S	38.0	62.0	.0	.0	.0	42.7	57.3	.0	S /****%

5-23

表5.8c 2018年7月12個海域主要測站2殘餘流流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	739(99%)	12.4	3.8/SSW	66.8/NNE	93.6	5.5	.8	.0	18.0	18.0	52.6	11.4	SSW/25.8%
3	宜蘭海域(Y)	734(99%)	14.4	.8/SW	111.1/SE	89.4	8.6	1.9	.1	14.6	32.3	15.3	37.9	NNW/12.9%
4	花蓮海域 (Y)													
5	臺東海域(Y)	510(69%)	41.2	9.4/WSW	121.6/NE	34.7	32.4	31.4	1.6	31.2	2.5	61.0	5.3	SW /32.0%
6	屏東海域 (Y)													
7	高雄海域(Z)	739(99%)	25.1	11.4/S	116.0/N	60.8	33.4	5.7	.1	12.0	36.7	35.0	16.2	S /21.8%
8	嘉南海域(A)	725(97%)	34.4	22.1/NNE	118.3/NE	40.8	41.7	16.7	.8	57.5	3.7	14.8	24.0	NE /22.8%
9	中雲海域 (U)													
10	澎湖海域(A)	497(67%)	23.0	8.2/NNE	68.0/NNE	63.0	33.4	3.6	.0	52.7	10.5	29.0	7.8	NNE/26.2%
11	金門海域(A)	738(99%)	19.7	3.6/S	57.0/ENE	74.0	25.1	.9	.0	29.5	19.5	42.7	8.3	SW /19.0%
12	馬祖海域(A)	96(13%)	28.8	12.5/N	82.9/N	47.9	37.5	14.6	.0	31.3	24.0	15.6	29.2	N /28.1%

表5.9a 2018年8月12個海域主要測站2觀測流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	743(100%)	6.3	2.3/NNW	35.0/NW	98.7	1.3	.0	.0	28.5	14.8	24.8	31.9	NNE/11.0%
3	宜蘭海域(Y)	730(98%)	23.3	8.2/SSE	103.0/SSE	62.5	31.4	5.9	.3	6.7	46.0	10.8	36.4	SSE/23.3%
4	花蓮海域 (Y)													
5	臺東海域(Y)	744(100%)	35.6	10.7/WSW	125.0/NE	48.1	26.5	23.5	1.9	27.6	5.2	54.8	12.4	SW /28.1%
6	屏東海域 (Y)													
7	高雄海域(Z)	735(99%)	38.5	1.9/WSW	134.0/N	34.1	41.2	23.1	1.5	21.0	23.5	29.3	26.3	S /24.8%
8	嘉南海域(A)	744(100%)	37.5	13.3/NNE	112.4/NNE	34.7	41.7	23.3	.4	49.7	4.6	31.0	14.7	NNE/24.1%
9	中雲海域 (U)													
10	澎湖海域(A)	587(79%)	21.3	10.4/N	62.0/NNW	68.7	29.0	2.4	.0	41.7	12.4	16.4	29.5	N /25.7%
11	金門海域(A)	742(100%)	31.3	12.0/SW	120.5/SW	56.9	24.1	16.2	2.8	35.0	5.8	49.2	10.0	SW /29.9%
12	馬祖海域 (A)													

5-25

表5.9b 2018年8月12個海域主要測站2潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(Y)													
2	北端海域(Y)	744(100%)	9.4	9.0/N	19.7/NNE	100.0	.0	.0	.0	60.2	.0	1.5	38.3	N /47.0%
3	宜蘭海域(Y)	744(100%)	18.9	10.1/SSE	55.5/SSE	70.6	28.6	.8	.0	1.3	57.4	7.9	33.3	SSE/37.0%
4	花蓮海域(Y)													
5	臺東海域(Y)	744(100%)	10.6	5.6/NE	25.0/ENE	100.0	.0	.0	.0	69.9	3.0	23.8	3.4	NE /39.8%
6	屏東海域(Y)													
7	高雄海域(Z)	744(100%)	21.0	2.2/SSW	55.1/N	63.8	35.3	.8	.0	18.0	28.6	24.5	28.9	S /40.5%
8	嘉南海域(A)	744(100%)	12.4	9.2/S	26.2/S	99.1	.9	.0	.0	21.1	28.2	48.7	2.0	SSW/28.8%
9	中雲海域(U)	744(100%)	33.8	33.6/SSW	67.4/SSW	29.4	58.5	12.1	.0	.0	.0	100.0	.0	SSW/64.8%
10	澎湖海域(A)	744(100%)	8.3	7.9/SSW	14.1/S	100.0	.0	.0	.0	.0	.0	100.0	.0	SSW/44.0%
11	金門海域(A)	744(100%)	41.7	18.8/WSW	101.0/SW	29.7	37.0	33.3	.0	36.0	.0	56.6	7.4	SW /46.5%
12	馬祖海域(A)	744(100%)	27.3	27.3/S	39.7/S	37.8	62.2	.0	.0	.0	43.5	56.5	.0	S /****%

表5.9c 2018年8月12個海域主要測站2殘餘流流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	743(100%)	10.5	6.9/SSW	30.6/SSW	99.2	.8	.0	.0	11.2	26.8	55.2	6.9	S /27.7%
3	宜蘭海域(Y)	730(98%)	12.9	2.0/NW	67.3/SSE	93.3	6.3	.4	.0	14.8	27.5	14.1	43.6	NNW/16.6%
4	花蓮海域 (Y)													
5	臺東海域(Y)	744(100%)	36.8	16.3/WSW	114.8/SW	41.9	31.9	25.0	1.2	23.4	3.5	63.4	9.7	SW /31.2%
6	屏東海域 (Y)													
7	高雄海域(Z)	735(99%)	28.1	1.7/NNW	154.7/N	60.1	27.9	10.2	1.8	13.9	32.2	27.5	26.4	S /15.5%
8	嘉南海域(A)	744(100%)	36.5	22.3/N	114.4/NNE	31.7	48.8	19.0	.5	52.3	2.0	19.0	26.7	NNE/25.4%
9	中雲海域 (U)													
10	澎湖海域(A)	587(79%)	24.6	18.0/NNE	67.3/N	62.2	31.5	6.3	.0	62.2	11.4	8.0	18.4	N /30.2%
11	金門海域(A)	742(100%)	23.0	7.3/ENE	81.8/NE	64.0	31.9	4.0	.0	45.6	13.1	35.0	6.3	NE /19.5%
12	馬祖海域 (A)													

5-27

表5.10a 2018年 9月12個海域主要測站2觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	719(100%)	13.2	5.0/NNE	75.0/N	87.8	11.5	.7	.0	43.9	12.5	24.9	18.6	NNE/17.5%
3	宜蘭海域(Y)	719(100%)	25.5	9.5/SSE	105.0/SSE	58.6	32.5	8.6	.3	6.5	47.6	11.1	34.8	SSE/23.6%
4	花蓮海域 (Y)													
5	臺東海域(Y)	696(97%)	50.5	25.2/SW	164.0/SW	30.5	26.6	33.6	9.3	24.6	4.3	64.2	6.9	SW /38.1%
6	屏東海域 (Y)													
7	高雄海域(Z)	713(99%)	29.3	5.3/W	127.0/NNW	47.0	41.1	11.5	.4	19.6	12.6	36.6	31.1	N /16.1%
8	嘉南海域(A)	711(99%)	35.8	5.4/W	105.9/N	43.3	30.8	25.7	.1	30.5	4.8	42.6	22.1	SW /16.5%
9	中雲海域 (U)													
10	澎湖海域(A)	715(99%)	19.6	8.7/SSW	67.0/S	71.0	26.9	2.1	.0	18.6	14.1	50.1	17.2	SSW/25.0%
11	金門海域(A)	434(60%)	49.1	25.8/WSW	144.2/SW	35.3	20.3	37.8	6.7	24.2	2.1	56.2	17.5	SW /44.2%
12	馬祖海域(A)	129(18%)	44.7	24.4/S	106.2/S	31.0	30.2	38.0	.8	10.1	31.0	38.8	20.2	S /39.5%

表5.10b 2018年 9月12個海域主要測站2潮流 (含平均流) 流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	720(100%)	9.4	9.0/N	19.7/NNE	100.0	.0	.0	.0	59.4	.0	1.8	38.8	N /43.1%
3	宜蘭海域(Y)	720(100%)	19.3	10.1/SSE	51.2/SSE	70.3	29.7	.0	.0	1.3	59.4	7.6	31.7	SSE/38.1%
4	花蓮海域 (Y)													
5	臺東海域(Y)	720(100%)	10.2	5.6/NE	24.4/ENE	100.0	.0	.0	.0	66.5	3.5	24.9	5.1	NE /37.1%
6	屏東海域 (Y)													
7	高雄海域(Z)	720(100%)	20.9	2.2/SSW	48.7/N	62.9	37.1	.0	.0	18.1	26.8	26.9	28.2	S /39.9%
8	嘉南海域(A)	720(100%)	12.5	9.2/S	26.9/S	98.8	1.3	.0	.0	19.7	30.1	48.1	2.1	SSW/26.1%
9	中雲海域(U)	720(100%)	33.9	33.6/SSW	70.4/SW	30.8	55.0	14.2	.0	.0	.7	99.3	.0	SSW/58.9%
10	澎湖海域(A)	720(100%)	8.3	7.9/SSW	13.7/S	100.0	.0	.0	.0	.0	1.5	98.5	.0	SSW/41.3%
11	金門海域(A)	720(100%)	41.7	18.8/WSW	102.9/SW	30.7	34.6	34.7	.0	35.6	.0	56.3	8.2	SW /46.4%
12	馬祖海域(A)	720(100%)	27.3	27.3/S	39.0/S	37.9	62.1	.0	.0	.0	42.1	57.9	.0	S /****%

表5.10c 2018年9月12個海域主要測站2殘餘流流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	719(100%)	15.3	4.1/S	66.3/SW	86.8	12.5	.7	.0	27.8	22.4	42.6	7.2	SSW/20.6%
3	宜蘭海域(Y)	719(100%)	15.5	.7/WNW	63.4/SSE	87.1	11.4	1.5	.0	14.6	31.2	13.4	40.9	NNW/13.8%
4	花蓮海域 (Y)													
5	臺東海域(Y)	696(97%)	52.2	30.9/SW	157.7/SW	26.4	28.0	38.2	7.3	22.4	2.9	68.7	6.0	SW /43.5%
6	屏東海域 (Y)													
7	高雄海域(Z)	713(99%)	22.6	5.4/NW	95.9/N	68.6	25.9	5.5	.0	16.7	17.5	30.9	34.9	NNW/12.3%
8	嘉南海域(A)	711(99%)	33.3	10.0/NNW	121.9/N	41.9	40.5	17.3	.3	33.6	2.5	31.4	32.5	NE /15.2%
9	中雲海域 (U)													
10	澎湖海域(A)	715(99%)	17.6	1.1/SSE	59.8/S	78.5	20.3	1.3	.0	34.4	10.9	36.8	17.9	SSW/17.6%
11	金門海域(A)	434(60%)	22.7	6.7/SW	89.5/NE	62.7	33.4	3.9	.0	23.7	12.0	52.1	12.2	SW /25.3%
12	馬祖海域(A)	129(18%)	39.2	3.1/NNW	92.2/N	32.6	35.7	31.8	.0	22.5	18.6	28.7	30.2	N /27.1%

表5.11a 2018年10月12個海域主要測站2觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 (%)	流向 (%)	流向 (%)	流向 (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	742(100%)	16.3	9.1/N	64.0/NNE	81.0	17.3	1.8	.0	46.9	8.0	24.0	21.2	NNE/23.9%
3	宜蘭海域(Y)	744(100%)	24.4	12.2/SSE	85.0/SSE	58.3	35.6	6.0	.0	5.8	55.5	11.8	26.9	SSE/26.2%
4	花蓮海域 (Y)													
5	臺東海域(Y)	733(99%)	65.7	41.1/NE	152.0/ENE	18.8	21.1	39.7	20.3	71.6	2.5	24.3	1.6	NE /44.7%
6	屏東海域 (Y)													
7	高雄海域(Z)	739(99%)	29.4	2.1/W	86.0/N	49.4	36.1	14.5	.0	18.5	21.4	30.0	30.0	S /25.2%
8	嘉南海域(A)	358(48%)	71.8	33.6/SW	275.3/ESE	26.0	22.1	27.9	24.0	8.7	21.2	50.3	19.8	SW /19.0%
9	中雲海域 (U)													
10	澎湖海域(A)	720(97%)	21.9	18.6/SSW	62.7/SSW	66.7	31.1	2.2	.0	.4	14.6	69.9	15.1	SSW/29.7%
11	金門海域 (A)													
12	馬祖海域(A)	368(50%)	41.1	23.6/S	100.2/N	29.6	34.0	36.4	.0	13.0	31.0	40.5	15.5	S /50.5%

表5.11b 2018年10月12個海域主要測站2潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(Y)													
2	北端海域(Y)	744(100%)	9.4	9.0/N	20.0/NNE	100.0	.0	.0	.0	59.0	.0	2.2	38.8	N /43.1%
3	宜蘭海域(Y)	744(100%)	19.6	10.1/SSE	50.8/SSE	71.5	28.5	.0	.0	1.3	58.9	7.7	32.1	SSE/39.4%
4	花蓮海域(Y)													
5	臺東海域(Y)	744(100%)	11.7	5.6/NE	27.4/NE	99.3	.7	.0	.0	65.9	2.8	26.7	4.6	NE /38.4%
6	屏東海域(Y)													
7	高雄海域(Z)	744(100%)	21.1	2.2/SSW	49.3/N	63.0	37.0	.0	.0	19.2	25.4	28.4	27.0	S /38.0%
8	嘉南海域(A)	744(100%)	12.5	9.2/S	27.0/S	99.1	.9	.0	.0	20.0	29.7	47.4	2.8	SSW/25.1%
9	中雲海域(U)	744(100%)	33.9	33.6/SSW	68.9/SW	29.8	58.6	11.6	.0	.0	1.1	98.9	.0	SSW/61.3%
10	澎湖海域(A)	744(100%)	8.4	7.9/SSW	13.3/S	100.0	.0	.0	.0	.0	2.6	97.4	.0	SSW/39.7%
11	金門海域(A)	744(100%)	42.0	18.8/WSW	104.4/SW	30.0	35.1	34.8	.1	35.5	.0	56.6	7.9	SW /46.6%
12	馬祖海域(A)	744(100%)	27.3	27.3/S	38.0/S	36.4	63.6	.0	.0	.0	41.9	58.1	.0	S /****%

5-32

表 5.11c 2018 年 10 月 12 個海域主要測站 2 殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2 節流 <25.7 (%)	1 節流 ~51.4 (%)	2 節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	742(100%)	16.5	.6/E	58.8/NNE	83.7	15.5	.8	.0	35.4	14.7	39.6	10.2	SSW/19.0%
3	宜蘭海域(Y)	744(100%)	14.2	2.1/SSE	57.0/SSE	89.0	10.9	.1	.0	14.7	39.4	15.9	30.1	SSE/12.5%
4	花蓮海域 (Y)													
5	臺東海域(Y)	733(99%)	61.2	35.4/ENE	145.4/ENE	19.1	22.9	44.1	13.9	68.8	3.0	26.3	1.9	NE /41.1%
6	屏東海域 (Y)													
7	高雄海域(Z)	739(99%)	18.1	2.5/NNW	67.4/NNW	77.8	20.8	1.4	.0	18.0	24.1	24.0	34.0	S /16.9%
8	嘉南海域(A)	358(48%)	67.7	26.6/SW	288.0/N	27.9	27.4	22.9	21.8	9.8	19.8	43.3	27.1	WSW/16.2%
9	中雲海域 (U)													
10	澎湖海域(A)	720(97%)	16.2	10.7/SSW	58.5/SSW	80.4	19.0	.6	.0	3.6	24.4	50.3	21.7	SSW/19.3%
11	金門海域 (A)													
12	馬祖海域(A)	368(50%)	35.7	3.7/N	127.9/N	37.8	42.1	19.6	.5	22.8	22.0	31.8	23.4	N /32.1%

表5.12a 2018年11月12個海域主要測站2觀測流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	718(100%)	14.4	8.0/N	69.0/N	85.9	13.6	.4	.0	46.5	8.1	20.1	25.3	NNE/22.3%
3	宜蘭海域(Y)	720(100%)	22.6	10.5/SSE	73.0/SSE	63.1	33.1	3.9	.0	5.4	54.7	10.7	29.2	SSE/27.8%
4	花蓮海域 (Y)													
5	臺東海域(Y)	718(100%)	41.3	13.5/ENE	155.0/NE	40.9	26.6	27.3	5.2	50.8	4.0	38.9	6.3	NE /29.2%
6	屏東海域 (Y)													
7	高雄海域(Z)	713(99%)	25.4	12.5/NNW	93.0/N	57.9	33.2	8.8	.0	18.4	17.0	19.2	45.4	N /29.2%
8	嘉南海域(A)	720(100%)	31.4	24.0/SSW	89.5/SSW	49.9	29.7	20.4	.0	20.1	14.3	62.4	3.2	SSW/36.4%
9	中雲海域 (U)													
10	澎湖海域(A)	509(71%)	22.4	19.5/SSW	58.5/SSW	64.6	34.0	1.4	.0	.4	13.0	73.7	13.0	SSW/37.5%
11	金門海域 (A)													
12	馬祖海域(A)	718(100%)	42.9	25.9/S	110.7/S	29.0	29.2	41.6	.1	9.9	29.1	43.3	17.7	S /50.6%

表 5.12b 2018 年 11 月 12 個海域主要測站 2 潮流 (含平均流) 流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	720(100%)	9.4	9.0/N	19.9/NNE	100.0	.0	.0	.0	59.3	.0	2.2	38.5	N /45.4%
3	宜蘭海域(Y)	720(100%)	19.8	10.1/SSE	55.2/SSE	70.3	28.5	1.3	.0	1.5	59.0	6.9	32.5	SSE/39.6%
4	花蓮海域 (Y)													
5	臺東海域(Y)	720(100%)	13.1	5.7/NE	29.4/SW	94.9	5.1	.0	.0	65.6	2.8	27.2	4.4	NE /41.1%
6	屏東海域 (Y)													
7	高雄海域(Z)	720(100%)	21.3	2.2/SSW	54.4/N	64.7	34.6	.7	.0	19.2	25.7	26.9	28.2	S /36.4%
8	嘉南海域(A)	720(100%)	12.5	9.2/S	26.9/SSW	99.3	.7	.0	.0	21.4	28.3	48.5	1.8	SSW/28.9%
9	中雲海域(U)	720(100%)	33.7	33.6/SSW	63.2/SW	29.2	62.4	8.5	.0	.0	.0	100.0	.0	SSW/75.4%
10	澎湖海域(A)	720(100%)	8.3	7.9/SSW	13.7/S	100.0	.0	.0	.0	.0	2.9	97.1	.0	SSW/39.3%
11	金門海域(A)	720(100%)	42.0	18.8/WSW	102.2/SW	30.7	35.4	33.9	.0	35.7	.0	56.5	7.8	SW /46.0%
12	馬祖海域(A)	720(100%)	27.4	27.3/S	38.9/S	36.7	63.3	.0	.0	.0	43.1	56.9	.0	S /****%

5-35

表 5.12c 2018 年 11 月 12 個海域主要測站 2 殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2 節流 <25.7 (%)	1 節流 ~51.4 (%)	2 節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	718(100%)	14.8	1.0/S	56.8/NNW	88.3	11.6	.1	.0	31.6	17.0	40.1	11.3	SSW/17.8%
3	宜蘭海域(Y)	720(100%)	11.5	.5/S	40.5/SE	95.7	4.3	.0	.0	18.2	31.1	17.6	33.1	SSE/11.8%
4	花蓮海域 (Y)													
5	臺東海域(Y)	718(100%)	38.9	7.9/ENE	138.7/NE	41.6	28.7	28.1	1.5	46.4	3.6	44.3	5.7	SW /26.2%
6	屏東海域 (Y)													
7	高雄海域(Z)	713(99%)	20.3	14.2/N	81.5/N	74.1	22.2	3.8	.0	27.6	12.1	10.0	50.4	N /29.7%
8	嘉南海域(A)	720(100%)	33.1	15.2/SSW	87.5/SSW	41.7	39.6	18.8	.0	31.0	7.9	52.9	8.2	SSW/35.8%
9	中雲海域 (U)													
10	澎湖海域(A)	509(71%)	16.9	11.6/SSW	52.4/S	80.2	19.6	.2	.0	3.7	18.9	56.2	21.2	SSW/29.5%
11	金門海域 (A)													
12	馬祖海域(A)	718(100%)	36.7	1.7/NNW	110.1/N	33.8	43.9	22.1	.1	18.0	22.1	34.1	25.8	N /33.7%

表5.13a 2018年冬季12個海域主要測站2觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	1507(70%)	27.2	14.8/N	85.0/NNE	49.7	41.9	8.4	.0	48.3	2.7	28.3	20.8	NNE/29.7%
3	宜蘭海域(Y)	2159(100%)	23.2	10.8/SSE	98.0/SSE	63.9	30.4	5.7	.0	5.9	56.3	9.4	28.3	SSE/26.2%
4	花蓮海域 (Y)													
5	臺東海域(Y)	2160(100%)	33.5	7.5/ENE	126.0/NE	44.0	35.7	19.4	.8	49.4	5.3	42.5	2.8	SW /24.6%
6	屏東海域 (Y)													
7	高雄海域(Z)	2143(99%)	24.1	1.0/NE	100.0/NNW	61.0	32.9	6.1	.0	20.0	33.2	16.3	30.5	N /18.5%
8	嘉南海域(A)	2147(99%)	27.6	19.7/S	80.4/S	56.7	32.4	10.9	.0	22.9	34.7	41.3	1.1	S /33.8%
9	中雲海域(U)	135(6%)	55.4	33.5/SSW	158.0/SW	22.2	34.8	30.4	12.6	23.7	7.4	65.2	3.7	SW /39.3%
10	澎湖海域(A)	1864(86%)	17.8	13.7/SSW	60.0/SSW	78.6	20.9	.5	.0	.6	16.7	61.5	21.1	SSW/24.1%
11	金門海域(A)	1743(81%)	51.7	19.2/WSW	133.7/SW	21.6	30.9	43.3	4.2	29.9	2.9	55.6	11.6	SW /42.9%
12	馬祖海域(A)	1455(67%)	43.5	30.1/S	117.2/S	28.2	32.2	39.5	.1	9.8	30.2	44.9	15.1	S /50.8%

表5.13b 2018年冬季12個海域主要測站2潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(Y)													
2	北端海域(Y)	2160(100%)	9.4	9.0/N	19.6/NNE	100.0	.0	.0	.0	59.7	.0	1.3	39.0	N /43.7%
3	宜蘭海域(Y)	2160(100%)	19.3	10.0/SSE	57.8/SSE	70.7	28.1	1.1	.0	1.2	57.5	7.7	33.7	SSE/37.0%
4	花蓮海域(Y)													
5	臺東海域(Y)	2160(100%)	12.1	5.7/NE	30.5/SW	97.7	2.3	.0	.0	68.8	3.3	24.7	3.2	NE /41.2%
6	屏東海域(Y)													
7	高雄海域(Z)	2160(100%)	21.5	2.1/SSW	59.3/N	63.7	35.1	1.2	.0	18.9	27.7	26.0	27.5	S /38.8%
8	嘉南海域(A)	2160(100%)	12.3	9.2/S	26.2/S	99.8	.2	.0	.0	21.3	28.1	48.9	1.8	SSW/29.7%
9	中雲海域(U)	2160(100%)	33.7	33.6/SSW	68.9/SW	28.6	63.8	7.6	.0	.0	.2	99.8	.0	SSW/77.4%
10	澎湖海域(A)	2160(100%)	8.3	7.9/SSW	14.0/S	100.0	.0	.0	.0	.0	.5	99.5	.0	SSW/41.7%
11	金門海域(A)	2159(100%)	41.7	18.7/WSW	102.6/SW	30.1	36.0	33.9	.0	36.2	.0	56.4	7.4	SW /46.8%
12	馬祖海域(A)	2160(100%)	27.4	27.3/S	39.8/S	37.2	62.8	.0	.0	.0	42.8	57.2	.0	S /****%

5-38

表 5.13c 2018 年冬季 12 個海域主要測站 2 殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	1507(70%)	25.2	5.8/N	81.0/SW	56.2	38.5	5.3	.0	42.1	6.0	36.8	15.1	NNE/24.4%
3	宜蘭海域(Y)	2159(100%)	13.5	.9/SE	55.2/S	91.4	8.6	.0	.0	17.4	35.2	14.1	33.3	NNW/12.7%
4	花蓮海域 (Y)													
5	臺東海域(Y)	2160(100%)	31.8	2.1/E	111.4/ENE	46.3	35.5	18.0	.3	44.1	5.4	47.5	3.0	SW /27.4%
6	屏東海域 (Y)													
7	高雄海域(Z)	2143(99%)	17.0	3.2/NNE	68.5/NNW	81.2	17.6	1.1	.0	24.7	32.9	11.2	31.2	N /14.5%
8	嘉南海域(A)	2147(99%)	19.7	10.7/SSE	65.9/SSW	73.5	24.5	2.0	.0	28.6	32.8	36.1	2.5	S /24.7%
9	中雲海域(U)	135(6%)	40.5	1.6/NE	126.3/NE	39.3	27.4	29.6	3.7	39.3	10.4	41.5	8.9	SW /24.4%
10	澎湖海域(A)	1864(86%)	13.3	5.9/SW	52.9/SSW	90.7	9.2	.1	.0	8.8	19.5	39.6	32.1	SSW/16.1%
11	金門海域(A)	1743(81%)	19.2	2.4/NNW	58.3/NNE	75.4	23.6	1.0	.0	33.0	11.7	38.7	16.6	SW /14.0%
12	馬祖海域(A)	1455(67%)	35.3	3.0/SSW	107.6/N	35.1	45.2	19.7	.1	20.0	21.0	37.4	21.6	S /31.2%

表 5.14a 2018年春季12個海域主要測站2觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	1996(90%)	14.0	7.9/N	76.0/NNE	84.3	14.8	.9	.0	46.6	7.5	24.0	21.8	NNE/23.6%
3	宜蘭海域(Y)	2207(100%)	21.7	8.9/SSE	78.0/SE	64.9	31.2	3.9	.0	5.3	54.2	9.1	31.4	SSE/23.4%
4	花蓮海域 (Y)													
5	臺東海域(Y)	2133(97%)	46.5	8.3/NE	142.0/NE	33.7	27.3	32.5	6.5	46.8	3.8	43.5	6.0	NE /29.4%
6	屏東海域 (Y)													
7	高雄海域(Z)	2102(95%)	30.6	6.8/S	119.0/N	47.3	37.3	15.1	.3	15.4	38.8	20.0	25.8	S /24.0%
8	嘉南海域(A)	2094(95%)	30.9	11.5/S	257.5/SW	54.1	35.2	7.5	3.1	29.8	30.9	34.1	5.2	S /22.4%
9	中雲海域 (U)													
10	澎湖海域(A)	2164(98%)	20.8	5.3/S	60.5/SSW	69.5	28.6	1.9	.0	26.8	16.2	46.7	10.4	SSW/21.0%
11	金門海域(A)	308(14%)	49.7	17.8/WSW	135.0/SW	26.3	33.1	34.1	6.5	31.5	1.6	53.2	13.6	SW /35.7%
12	馬祖海域(A)	913(41%)	40.8	27.6/S	113.2/S	31.8	34.1	33.8	.3	9.5	44.4	30.2	15.9	S /49.8%

表5.14b 2018年春季12個海域主要測站2潮流 (含平均流) 流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	2208(100%)	9.4	9.0/N	19.9/NNE	100.0	.0	.0	.0	59.1	.0	2.2	38.7	N /42.9%
3	宜蘭海域(Y)	2208(100%)	19.7	10.0/SSE	54.6/SSE	70.6	29.0	.4	.0	1.2	58.8	7.6	32.3	SSE/38.6%
4	花蓮海域 (Y)													
5	臺東海域(Y)	2208(100%)	11.5	5.7/NE	29.0/ENE	98.2	1.8	.0	.0	66.3	3.3	26.1	4.3	NE /37.9%
6	屏東海域 (Y)													
7	高雄海域(Z)	2208(100%)	21.2	2.1/SSW	54.7/N	63.2	36.7	.1	.0	19.3	25.2	28.0	27.5	S /38.0%
8	嘉南海域(A)	2208(100%)	12.6	9.1/S	27.1/S	98.8	1.2	.0	.0	21.2	28.9	47.6	2.4	SSW/26.2%
9	中雲海域(U)	2208(100%)	33.8	33.6/SSW	69.0/SW	30.5	57.9	11.6	.0	.0	.4	99.6	.0	SSW/66.3%
10	澎湖海域(A)	2208(100%)	8.3	7.9/SSW	13.5/S	100.0	.0	.0	.0	.0	2.1	97.9	.0	SSW/42.2%
11	金門海域(A)	2208(100%)	42.2	18.8/WSW	102.5/SW	30.2	34.9	34.9	.0	35.9	.0	56.4	7.7	SW /46.3%
12	馬祖海域(A)	2208(100%)	27.3	27.3/S	39.1/S	37.3	62.7	.0	.0	.0	43.3	56.7	.0	S /****%

表5.14c 2018年春季12個海域主要測站2殘餘流流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	1996(90%)	14.8	1.3/SSE	74.0/NNE	88.8	10.7	.5	.0	33.0	14.5	45.6	6.9	SSW/22.6%
3	宜蘭海域(Y)	2207(100%)	12.3	1.3/N	54.0/SSE	93.5	6.5	.0	.0	18.9	33.2	10.9	36.9	NNW/15.4%
4	花蓮海域 (Y)													
5	臺東海域(Y)	2133(97%)	44.6	2.7/NNE	134.8/SW	33.8	29.1	32.5	4.5	44.1	2.9	48.0	5.1	NE /27.0%
6	屏東海域 (Y)													
7	高雄海域(Z)	2102(95%)	19.6	5.3/SSE	102.3/SSE	75.4	20.6	4.1	.0	17.5	40.7	18.4	23.4	SSE/15.0%
8	嘉南海域(A)	2094(95%)	24.8	2.6/SSE	260.2/SW	70.9	23.8	2.2	3.1	37.0	26.5	25.8	10.7	S /15.0%
9	中雲海域 (U)													
10	澎湖海域(A)	2164(98%)	19.5	3.5/ENE	65.9/ENE	72.6	25.0	2.4	.0	40.3	13.9	34.0	11.7	NNE/14.1%
11	金門海域(A)	308(14%)	19.9	3.7/N	52.7/NNE	71.4	28.2	.3	.0	45.1	10.1	32.5	12.3	NNE/15.9%
12	馬祖海域(A)	913(41%)	33.6	1.4/ESE	102.4/N	39.3	42.4	18.3	.0	20.3	34.6	22.2	22.9	S /30.8%

表5.15a 2018年夏季12個海域主要測站2觀測流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	2202(100%)	13.1	7.7/N	74.0/N	83.6	14.7	1.8	.0	38.4	9.9	22.7	29.1	NNE/20.1%
3	宜蘭海域(Y)	2184(99%)	23.0	9.8/SSE	124.0/SE	65.1	27.7	7.1	.1	8.1	49.2	11.2	31.5	SSE/24.5%
4	花蓮海域 (Y)													
5	臺東海域(Y)	1710(77%)	31.8	5.6/WSW	125.0/NE	53.7	25.1	19.5	1.6	31.5	5.1	51.5	11.9	SW /24.4%
6	屏東海域 (Y)													
7	高雄海域(Z)	2175(99%)	37.8	6.4/SSW	134.0/NNW	36.8	37.6	24.5	1.1	17.4	24.9	32.3	25.5	S /24.7%
8	嘉南海域(A)	2147(97%)	33.3	8.9/NNE	122.1/NE	40.9	43.7	14.9	.5	42.8	10.0	29.6	17.7	NE /17.2%
9	中雲海域 (U)													
10	澎湖海域(A)	1800(82%)	22.1	3.0/NNW	62.0/NNW	65.5	31.8	2.7	.0	37.4	11.1	33.5	17.9	NNE/17.3%
11	金門海域(A)	1615(73%)	39.5	17.1/SW	148.8/SW	43.8	25.5	26.9	3.7	31.5	5.3	50.9	12.4	SW /34.9%
12	馬祖海域(A)	458(21%)	37.4	24.3/S	109.3/S	34.3	41.5	23.6	.7	9.4	48.7	26.6	15.3	S /41.9%

表5.15b 2018年夏季12個海域主要測站2潮流 (含平均流) 流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	2208(100%)	9.4	9.0/N	19.7/NNE	100.0	.0	.0	.0	60.5	.0	1.0	38.5	N /47.2%
3	宜蘭海域(Y)	2208(100%)	19.1	10.1/SSE	57.8/SSE	70.6	28.3	1.1	.0	1.2	57.7	7.9	33.2	SSE/37.7%
4	花蓮海域 (Y)													
5	臺東海域(Y)	2208(100%)	12.2	5.7/NE	30.5/SW	97.8	2.2	.0	.0	68.8	2.9	25.3	3.1	NE /42.4%
6	屏東海域 (Y)													
7	高雄海域(Z)	2208(100%)	21.3	2.2/SSW	58.5/N	64.3	34.6	1.1	.0	18.3	27.9	25.5	28.3	S /39.1%
8	嘉南海域(A)	2208(100%)	12.4	9.2/S	26.2/S	99.6	.4	.0	.0	21.6	27.8	48.6	1.9	SSW/30.0%
9	中雲海域(U)	2208(100%)	33.7	33.6/SSW	67.4/SSW	26.8	66.1	7.2	.0	.0	.0	100.0	.0	SSW/77.7%
10	澎湖海域(A)	2208(100%)	8.3	7.9/SSW	14.2/S	100.0	.0	.0	.0	.0	.2	99.8	.0	SSW/43.8%
11	金門海域(A)	2208(100%)	41.8	18.8/WSW	101.3/SW	30.6	35.9	33.6	.0	35.8	.0	56.4	7.8	SW /46.5%
12	馬祖海域(A)	2208(100%)	27.4	27.3/S	39.8/S	37.8	62.2	.0	.0	.0	43.0	57.0	.0	S /****%

表5.15c 2018年夏季12個海域主要測站2殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	2202(100%)	14.8	1.3/S	66.8/NNE	86.4	12.9	.6	.0	25.1	18.2	47.3	9.4	SSW/22.3%
3	宜蘭海域(Y)	2184(99%)	13.4	.7/W	111.1/SE	92.3	6.9	.8	.0	15.3	31.6	15.4	37.6	NNW/13.7%
4	花蓮海域 (Y)													
5	臺東海域(Y)	1710(77%)	34.2	11.2/WSW	121.6/NE	47.0	30.4	21.6	1.0	28.7	3.7	58.7	8.8	SW /29.4%
6	屏東海域 (Y)													
7	高雄海域(Z)	2175(99%)	27.6	4.3/SSW	154.7/N	57.5	31.9	10.0	.7	13.1	31.0	29.6	26.2	S /18.1%
8	嘉南海域(A)	2147(97%)	31.6	17.9/N	118.3/NE	44.0	42.8	12.8	.5	48.0	5.6	17.8	28.6	NNE/18.8%
9	中雲海域 (U)													
10	澎湖海域(A)	1800(82%)	23.1	10.4/NNE	68.0/NNE	63.9	31.6	4.5	.0	53.5	8.2	25.4	12.9	NNE/26.4%
11	金門海域(A)	1615(73%)	21.1	3.2/ESE	81.8/NE	70.1	27.6	2.3	.0	36.2	15.7	40.0	8.0	SW /14.6%
12	馬祖海域(A)	458(21%)	31.5	3.4/NE	90.8/N	45.2	37.3	17.5	.0	24.7	34.3	17.7	23.4	S /24.7%

表 5.16a 2018 年秋季 12 個海域主要測站 2 觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	2179(100%)	14.7	7.4/N	75.0/N	84.9	14.2	1.0	.0	45.8	9.5	23.0	21.7	NNE/21.2%
3	宜蘭海域(Y)	2183(100%)	24.2	10.8/SSE	105.0/SSE	60.0	33.8	6.2	.1	5.9	52.6	11.2	30.2	SSE/25.9%
4	花蓮海域 (Y)													
5	臺東海域(Y)	2147(98%)	52.6	10.4/ENE	164.0/SW	30.0	24.7	33.6	11.7	49.4	3.6	42.1	4.9	NE /29.9%
6	屏東海域 (Y)													
7	高雄海域(Z)	2165(99%)	28.0	5.5/NW	127.0/NNW	51.4	36.8	11.6	.1	18.8	17.0	28.6	35.5	N /20.9%
8	嘉南海域(A)	1789(82%)	41.2	17.2/SSW	275.3/ESE	42.5	28.6	24.0	4.9	22.0	11.9	52.1	14.0	SSW/22.0%
9	中雲海域 (U)													
10	澎湖海域(A)	1944(89%)	21.2	15.2/SSW	67.0/S	67.7	30.3	2.0	.0	7.1	14.0	63.6	15.3	SSW/30.0%
11	金門海域(A)	434(20%)	49.1	25.8/WSW	144.2/SW	35.3	20.3	37.8	6.7	24.2	2.1	56.2	17.5	SW /44.2%
12	馬祖海域(A)	1215(56%)	42.6	25.0/S	110.7/S	29.4	30.8	39.7	.2	10.9	29.9	42.0	17.3	S /49.4%

表5.16b 2018年秋季12個海域主要測站2潮流 (含平均流) 流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	2184(100%)	9.4	9.0/N	20.0/NNE	100.0	.0	.0	.0	59.2	.0	2.1	38.7	N /43.9%
3	宜蘭海域(Y)	2184(100%)	19.6	10.1/SSE	55.2/SSE	70.7	28.9	.4	.0	1.4	59.1	7.4	32.1	SSE/39.0%
4	花蓮海域 (Y)													
5	臺東海域(Y)	2184(100%)	11.7	5.7/NE	29.4/SW	98.1	1.9	.0	.0	66.0	3.0	26.3	4.7	NE /38.9%
6	屏東海域 (Y)													
7	高雄海域(Z)	2184(100%)	21.1	2.2/SSW	54.4/N	63.6	36.2	.2	.0	18.8	26.0	27.4	27.8	S /38.1%
8	嘉南海域(A)	2184(100%)	12.5	9.2/S	27.0/S	99.0	1.0	.0	.0	20.4	29.4	48.0	2.2	SSW/26.7%
9	中雲海域(U)	2184(100%)	33.8	33.6/SSW	70.4/SW	29.9	58.7	11.4	.0	.0	.6	99.4	.0	SSW/65.2%
10	澎湖海域(A)	2184(100%)	8.3	7.9/SSW	13.7/S	100.0	.0	.0	.0	.0	2.3	97.7	.0	SSW/40.1%
11	金門海域(A)	2184(100%)	41.9	18.8/WSW	104.4/SW	30.4	35.0	34.5	.0	35.6	.0	56.5	8.0	SW /46.3%
12	馬祖海域(A)	2184(100%)	27.3	27.3/S	39.0/S	37.0	63.0	.0	.0	.0	42.4	57.6	.0	S /****%

5-47

表5.16c 2018年秋季12個海域主要測站2殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	2179(100%)	15.5	1.7/S	66.3/SW	86.2	13.2	.6	.0	31.7	18.0	40.8	9.6	SSW/19.1%
3	宜蘭海域(Y)	2183(100%)	13.8	.7/S	63.4/SSE	90.6	8.9	.5	.0	15.8	33.9	15.6	34.6	SSE/12.2%
4	花蓮海域 (Y)													
5	臺東海域(Y)	2147(98%)	50.8	4.8/ENE	157.7/SW	29.0	26.5	36.8	7.6	46.3	3.2	46.1	4.5	SW /29.0%
6	屏東海域 (Y)													
7	高雄海域(Z)	2165(99%)	20.3	6.9/NNW	95.9/N	73.5	23.0	3.5	.0	20.7	18.0	21.6	39.7	N /18.0%
8	嘉南海域(A)	1789(82%)	40.1	10.0/SW	288.0/N	39.0	37.5	19.0	4.5	27.8	8.2	42.4	21.6	SSW/17.2%
9	中雲海域 (U)													
10	澎湖海域(A)	1944(89%)	16.9	7.3/SSW	59.8/S	79.6	19.7	.7	.0	15.0	18.0	46.9	20.2	SSW/21.3%
11	金門海域(A)	434(20%)	22.7	6.7/SW	89.5/NE	62.7	33.4	3.9	.0	23.7	12.0	52.1	12.2	SW /25.3%
12	馬祖海域(A)	1215(56%)	36.6	2.4/NNW	127.9/N	34.9	42.5	22.4	.2	19.9	21.7	32.8	25.5	N /32.5%

表5.17a 2018年整年12個海域主要測站2觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	7884(90%)	16.5	9.0/N	85.0/NNE	77.6	19.8	2.6	.0	44.4	7.8	24.2	23.6	NNE/23.1%
3	宜蘭海域(Y)	8733(100%)	23.0	10.1/SSE	124.0/SE	63.4	30.8	5.7	.1	6.3	53.1	10.2	30.4	SSE/25.0%
4	花蓮海域 (Y)													
5	臺東海域(Y)	8150(93%)	41.6	5.7/NE	164.0/SW	39.7	28.4	26.6	5.3	45.0	4.4	44.5	6.1	NE /25.6%
6	屏東海域 (Y)													
7	高雄海域(Z)	8585(98%)	30.2	2.1/SSW	134.0/NNW	49.1	36.1	14.4	.4	17.9	28.4	24.4	29.3	S /20.7%
8	嘉南海域(A)	8177(93%)	32.9	9.2/S	275.3/ESE	48.8	35.3	13.9	2.0	29.7	22.2	38.8	9.3	S /18.4%
9	中雲海域(U)	135(2%)	55.4	33.5/SSW	158.0/SW	22.2	34.8	30.4	12.6	23.7	7.4	65.2	3.7	SW /39.3%
10	澎湖海域(A)	7772(89%)	20.5	7.9/SSW	67.0/S	70.3	27.9	1.8	.0	18.1	14.6	51.4	15.9	SSW/22.6%
11	金門海域(A)	4100(47%)	46.5	18.8/WSW	148.8/SW	32.2	27.8	35.6	4.4	30.0	3.6	53.6	12.7	SW /39.3%
12	馬祖海域(A)	4041(46%)	41.9	27.3/S	117.2/S	30.0	33.2	36.5	.2	10.0	35.4	38.7	15.9	S /49.1%

表5.17b 2018年整年12個海域主要測站2潮流(含平均流)流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域(Y)													
2	北端海域(Y)	8760(100%)	9.4	9.0/N	20.0/NNE	100.0	.0	.0	.0	59.6	.0	1.6	38.7	N /44.4%
3	宜蘭海域(Y)	8760(100%)	19.4	10.1/SSE	57.8/SSE	70.7	28.6	.8	.0	1.2	58.3	7.6	32.8	SSE/38.1%
4	花蓮海域(Y)													
5	臺東海域(Y)	8760(100%)	11.8	5.7/NE	30.5/SW	97.9	2.1	.0	.0	67.4	3.1	25.6	3.8	NE /40.1%
6	屏東海域(Y)													
7	高雄海域(Z)	8760(100%)	21.3	2.1/SSW	59.3/N	63.7	35.7	.7	.0	18.8	26.7	26.7	27.8	S /38.5%
8	嘉南海域(A)	8760(100%)	12.5	9.2/S	27.1/S	99.3	.7	.0	.0	21.1	28.5	48.3	2.1	SSW/28.2%
9	中雲海域(U)	8760(100%)	33.8	33.6/SSW	70.4/SW	28.9	61.6	9.4	.0	.0	.3	99.7	.0	SSW/71.6%
10	澎湖海域(A)	8760(100%)	8.3	7.9/SSW	14.2/S	100.0	.0	.0	.0	.0	1.3	98.7	.0	SSW/41.9%
11	金門海域(A)	8759(100%)	41.9	18.8/WSW	104.4/SW	30.3	35.4	34.2	.0	35.9	.0	56.4	7.7	SW /46.5%
12	馬祖海域(A)	8760(100%)	27.4	27.3/S	39.8/S	37.3	62.7	.0	.0	.0	42.9	57.1	.0	S /****%

表5.17c 2018年整年12個海域主要測站2殘餘流流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Y)													
2	北端海域(Y)	7884(90%)	17.0	.0/SSW	81.0/SW	81.2	17.3	1.5	.0	32.2	14.9	43.0	9.9	SSW/20.5%
3	宜蘭海域(Y)	8733(100%)	13.2	.0/SE	111.1/SE	91.9	7.7	.4	.0	16.9	33.5	14.0	35.6	NNW/13.1%
4	花蓮海域 (Y)													
5	臺東海域(Y)	8150(93%)	40.6	.0/WSW	157.7/SW	38.6	30.4	27.5	3.5	41.4	3.8	49.6	5.2	SW /27.6%
6	屏東海域 (Y)													
7	高雄海域(Z)	8585(98%)	21.1	.0/NNW	154.7/N	71.8	23.3	4.7	.2	19.0	30.6	20.3	30.2	N /12.5%
8	嘉南海域(A)	8177(93%)	28.6	.0/NE	288.0/N	57.5	32.0	8.6	1.9	35.6	18.7	30.1	15.6	SSW/12.2%
9	中雲海域(U)	135(2%)	40.5	1.6/NE	126.3/NE	39.3	27.4	29.6	3.7	39.3	10.4	41.5	8.9	SW /24.4%
10	澎湖海域(A)	7772(89%)	18.2	.0/WNW	68.0/NNE	76.7	21.4	1.9	.0	29.5	14.9	36.6	19.0	SSW/15.2%
11	金門海域(A)	4100(47%)	20.4	.4/NE	89.5/NE	71.7	26.6	1.8	.0	34.2	13.2	40.1	12.4	SW /15.3%
12	馬祖海域(A)	4041(46%)	34.9	.1/S	127.9/N	37.1	42.9	19.9	.1	20.6	25.8	30.4	23.3	S /30.4%

第六章 2018 年 12 海域海流主要觀測站 2 每月歷線比較圖

(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 Harbors Current Speed at 2017/12

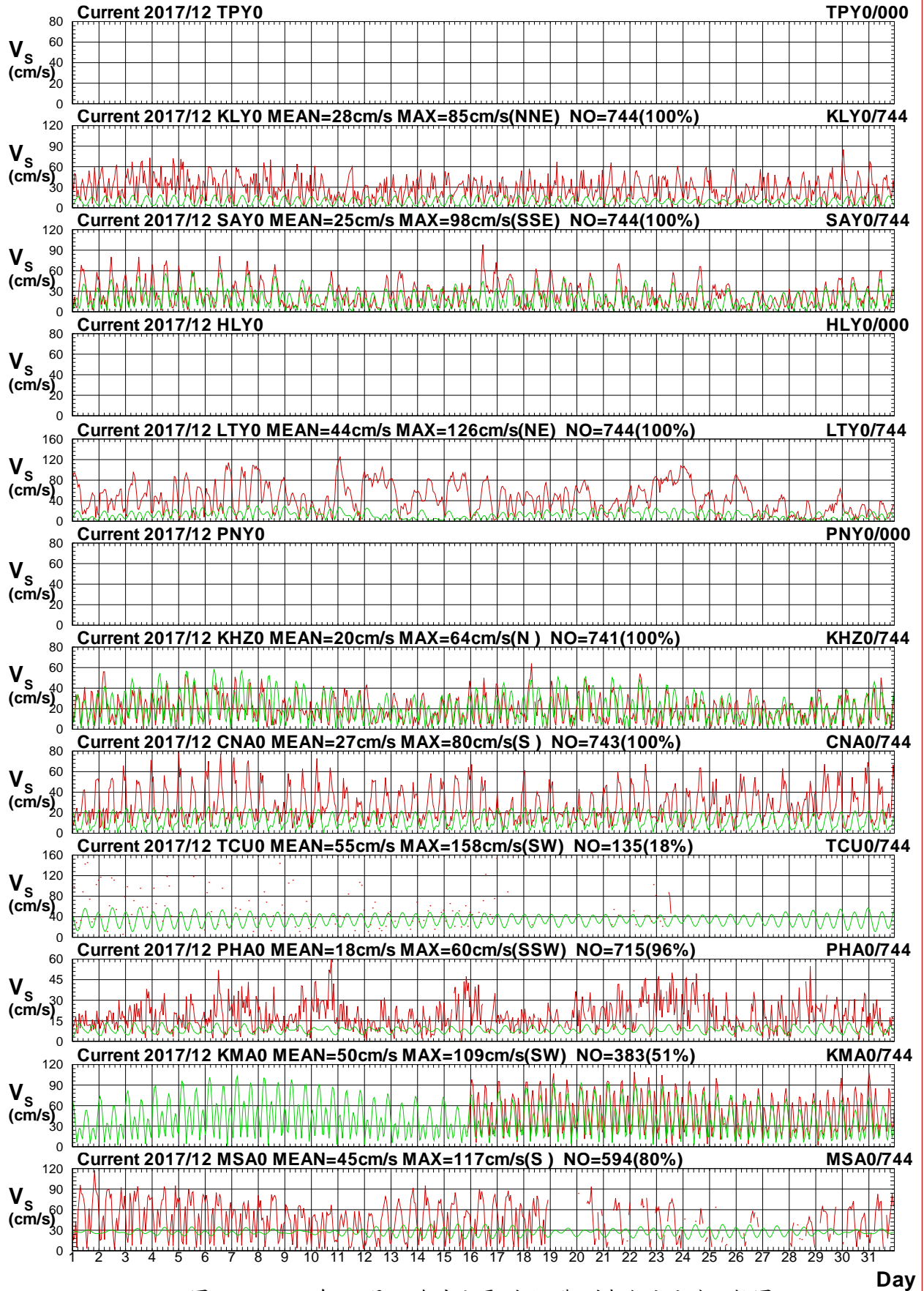


圖6.1a 2017年12月12海域主要測站2觀測與潮流流速比較圖

C17CTPY0.1H0 C17CTPY0.1HD C17CKLY0.1H0 C17CKLY0.1HD C17CSAY0.1H0 C17CSAY0.1HD
 C17CHLY0.1H0 C17CHLY0.1HD C17CLTY0.1H0 C17CLTY0.1HD C17CPNY0.1H0 C17CPNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2017/12

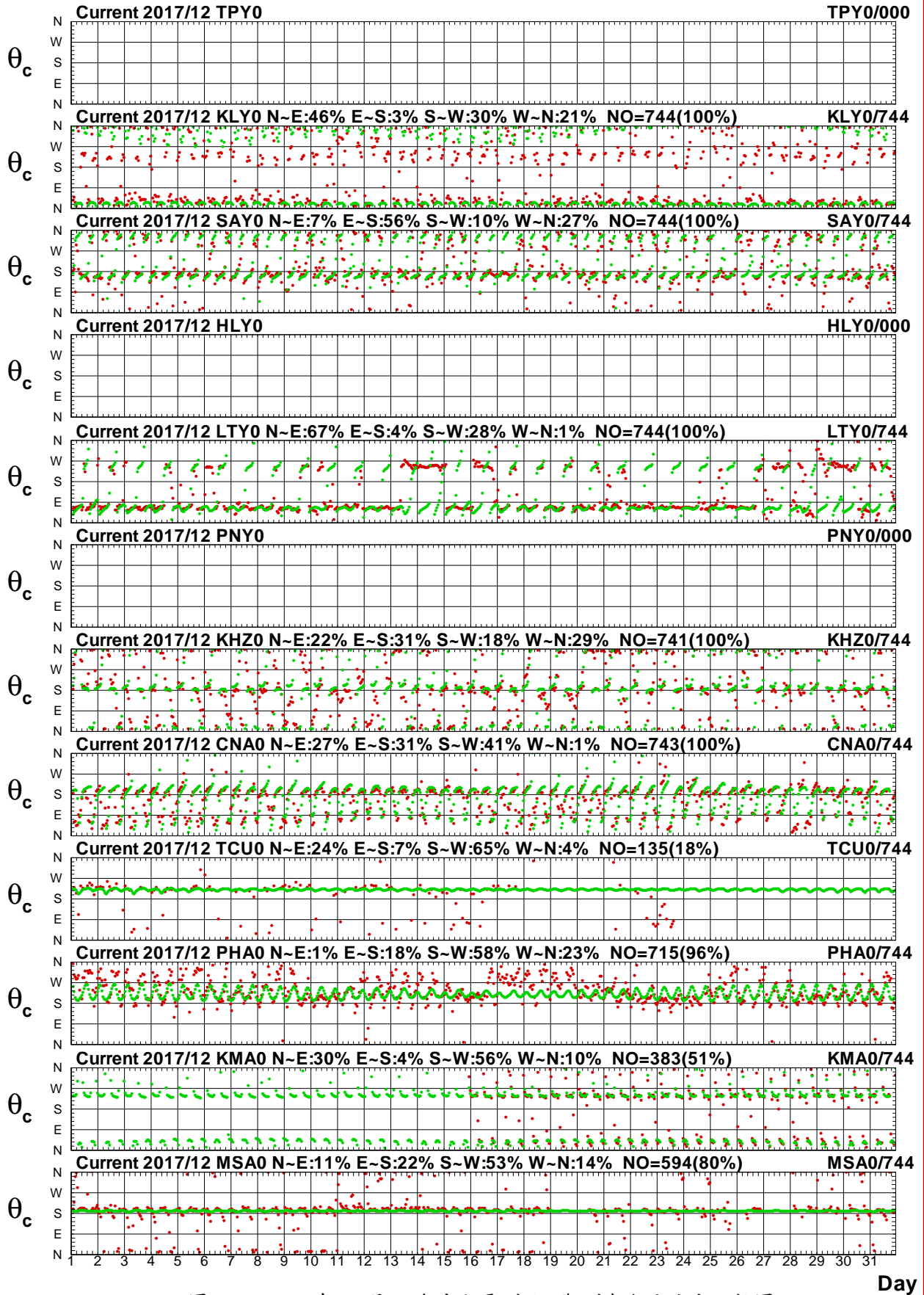


圖6.1b 2017年12月12海域主要測站2觀測與潮流流向比較圖

C17CTPY0.1H0 C17CTPY0.1HD C17CKLY0.1H0 C17CKLY0.1HD C17CSAY0.1H0 C17CSAY0.1HD
 C17CHLY0.1H0 C17CHLY0.1HD C17CLTY0.1H0 C17CLTY0.1HD C17CPNY0.1H0 C17CPNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2017/12

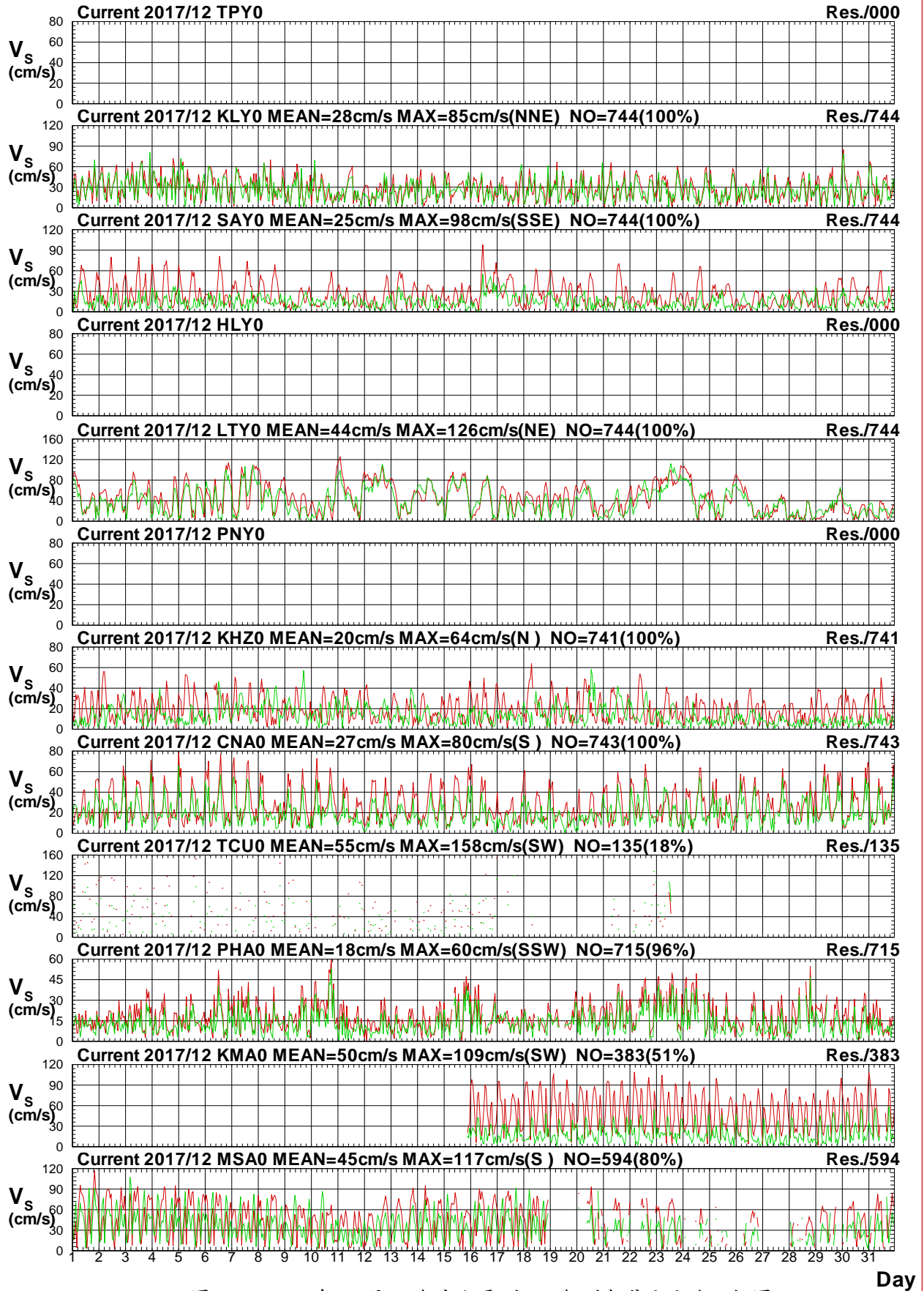


圖6.1c 2017年12月12海域主要測站2觀測與殘流流速比較圖

C17CTPY0.1H0 C17CTPY0.1HR C17CKLY0.1H0 C17CKLY0.1HR C17CSAY0.1H0 C17CSAY0.1HR
 C17CHLY0.1H0 C17CHLY0.1HR C17CLTY0.1H0 C17CLTY0.1HR C17CPNY0.1H0 C17CPNY0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2017/12

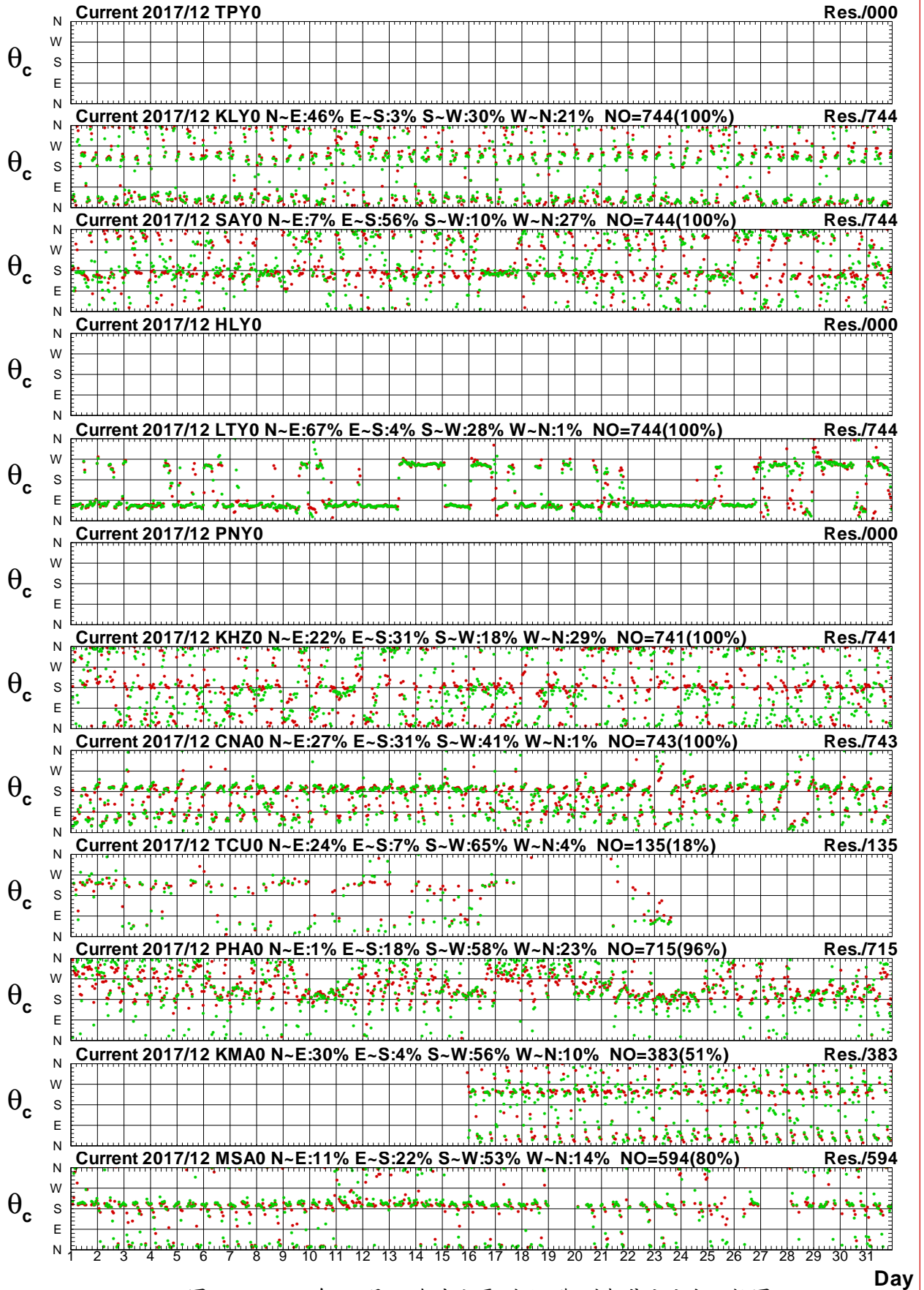


圖6.1d 2017年12月12海域主要測站2觀測與殘流流向比較圖

C17CTPY0.1H0 C17CTPY0.1HR C17CKLY0.1H0 C17CKLY0.1HR C17CSAY0.1H0 C17CSAY0.1HR
 C17CHLY0.1H0 C17CHLY0.1HR C17CLTY0.1H0 C17CLTY0.1HR C17CPNY0.1H0 C17CPNY0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/01

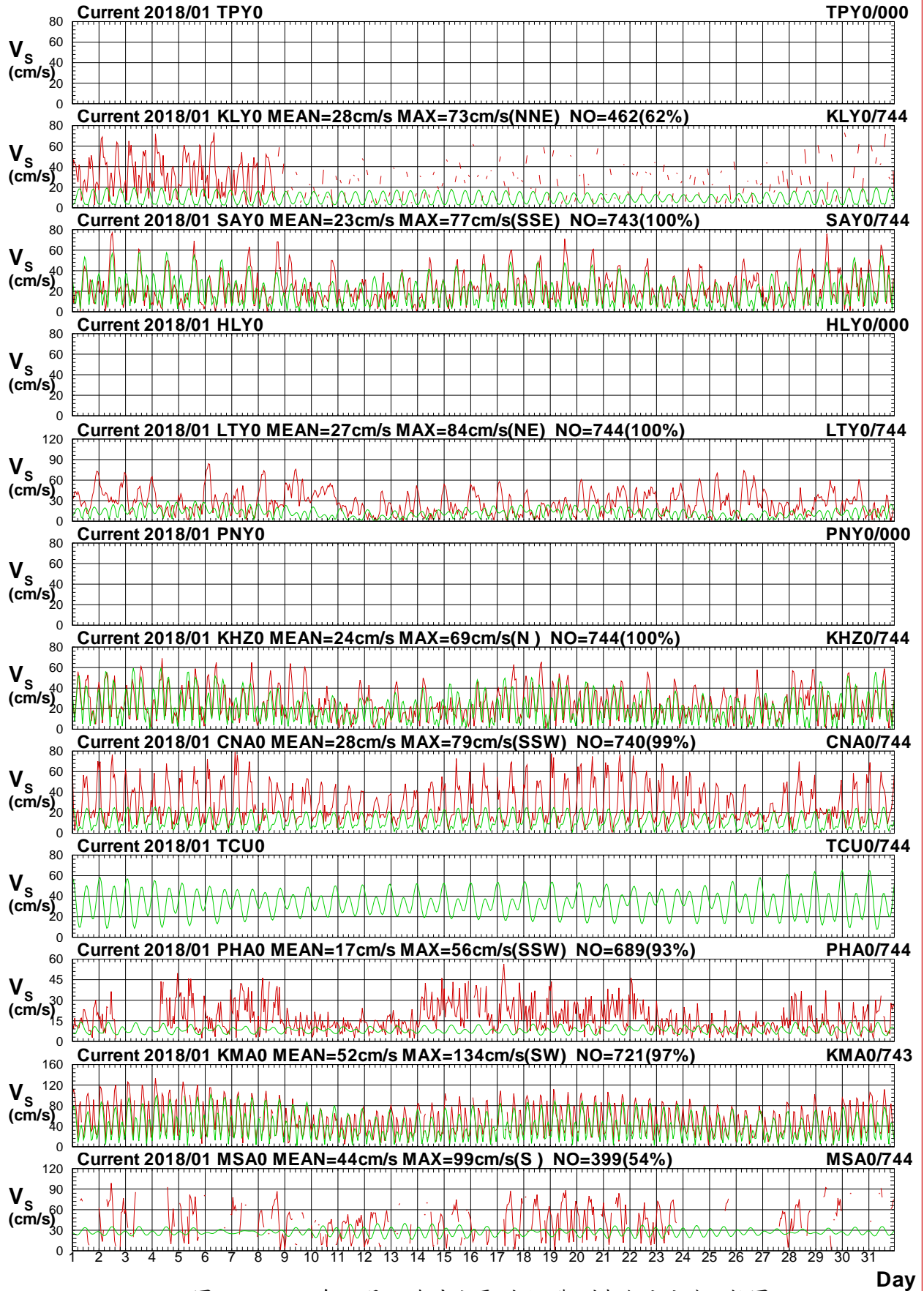


圖6.2a 2018年1月12海域主要測站2觀測與潮流流速比較圖

C181TPY0.1HD C181TPY0.1HD C181KLY0.1HD C181KLY0.1HD C181SAY0.1HD C181SAY0.1HD
 C181HLY0.1HD C181HLY0.1HD C181LTY0.1HD C181LTY0.1HD C181PNY0.1HD C181PNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/01

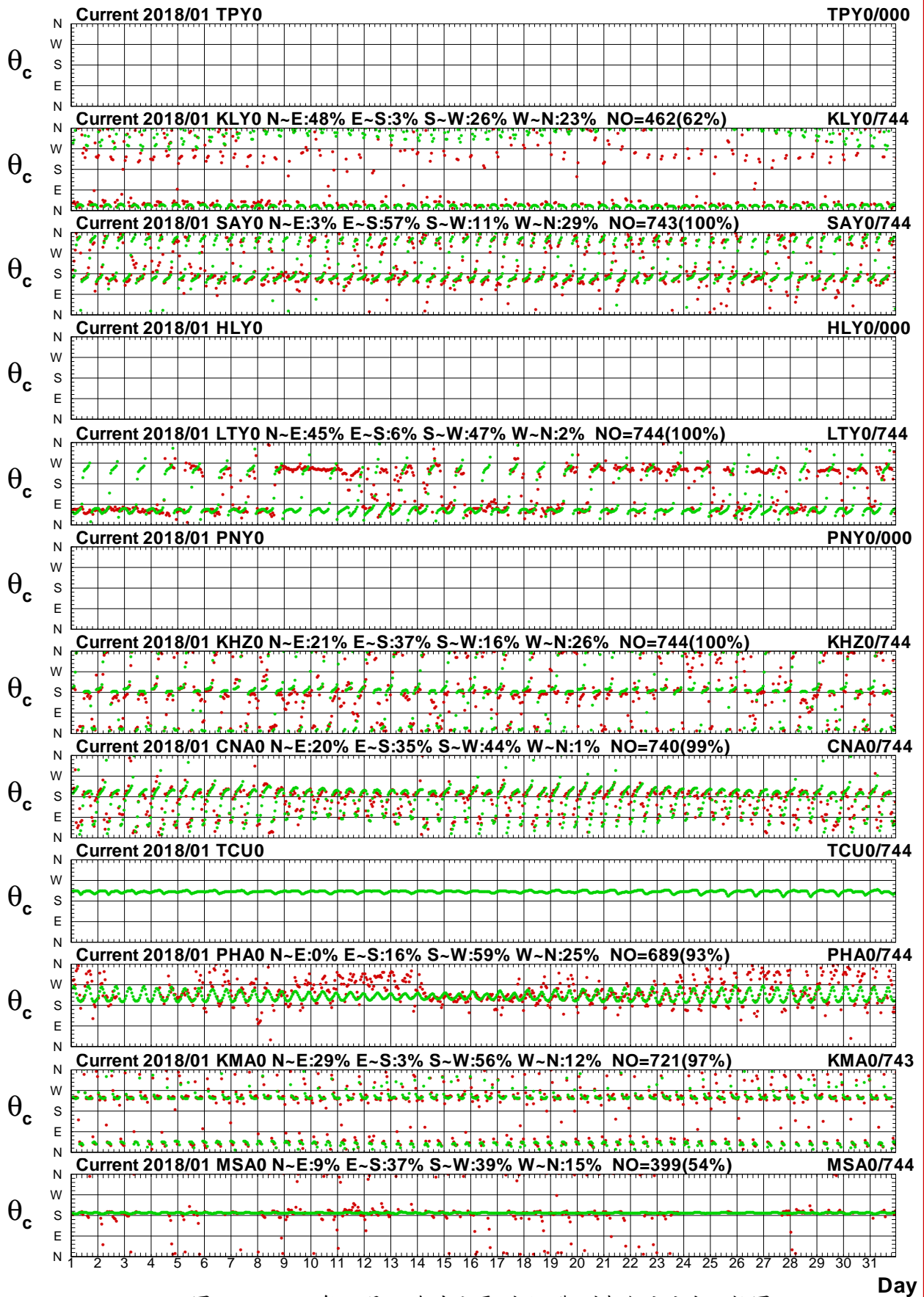


圖6.2b 2018年1月12海域主要測站2觀測與潮流流向比較圖

C181TPY0.1HO C181TPY0.1HD C181KLY0.1HO C181KLY0.1HD C181SAY0.1HO C181SAY0.1HD
 C181HLY0.1HO C181HLY0.1HD C181LTY0.1HO C181LTY0.1HD C181PNY0.1HO C181PNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/01

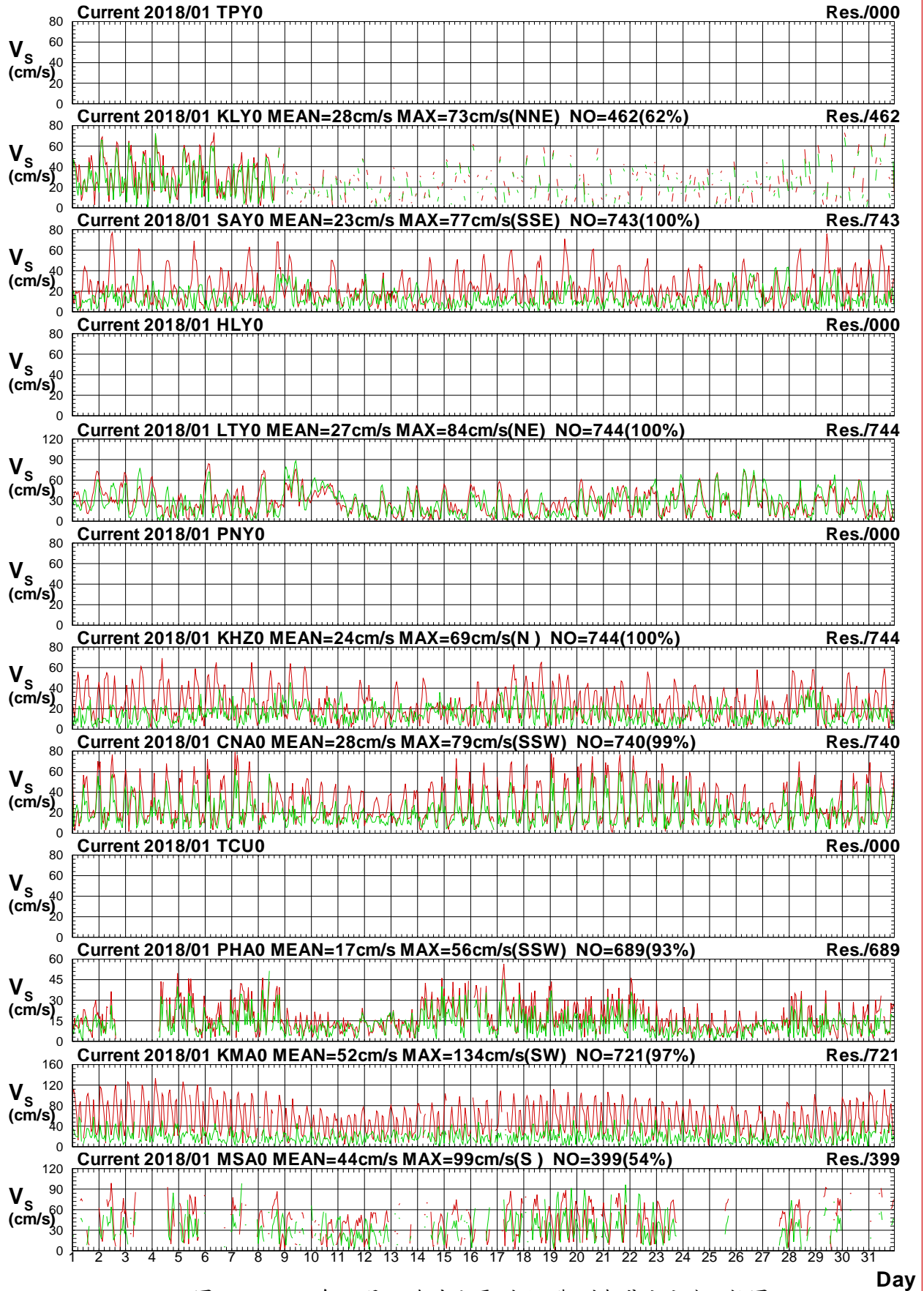


圖6.2c 2018年1月12海域主要測站2觀測與殘流流速比較圖

C181TPY0.1H0 C181TPY0.1HR C181KLY0.1H0 C181KLY0.1HR C181SAY0.1H0 C181SAY0.1HR	Institute of Harbor & Marine Technology
C181HLY0.1H0 C181HLY0.1HR C181LTY0.1H0 C181LTY0.1HR C181PNY0.1H0 C181PNY0.1HR	

Twelve Harbors Current Direction at 2018/01

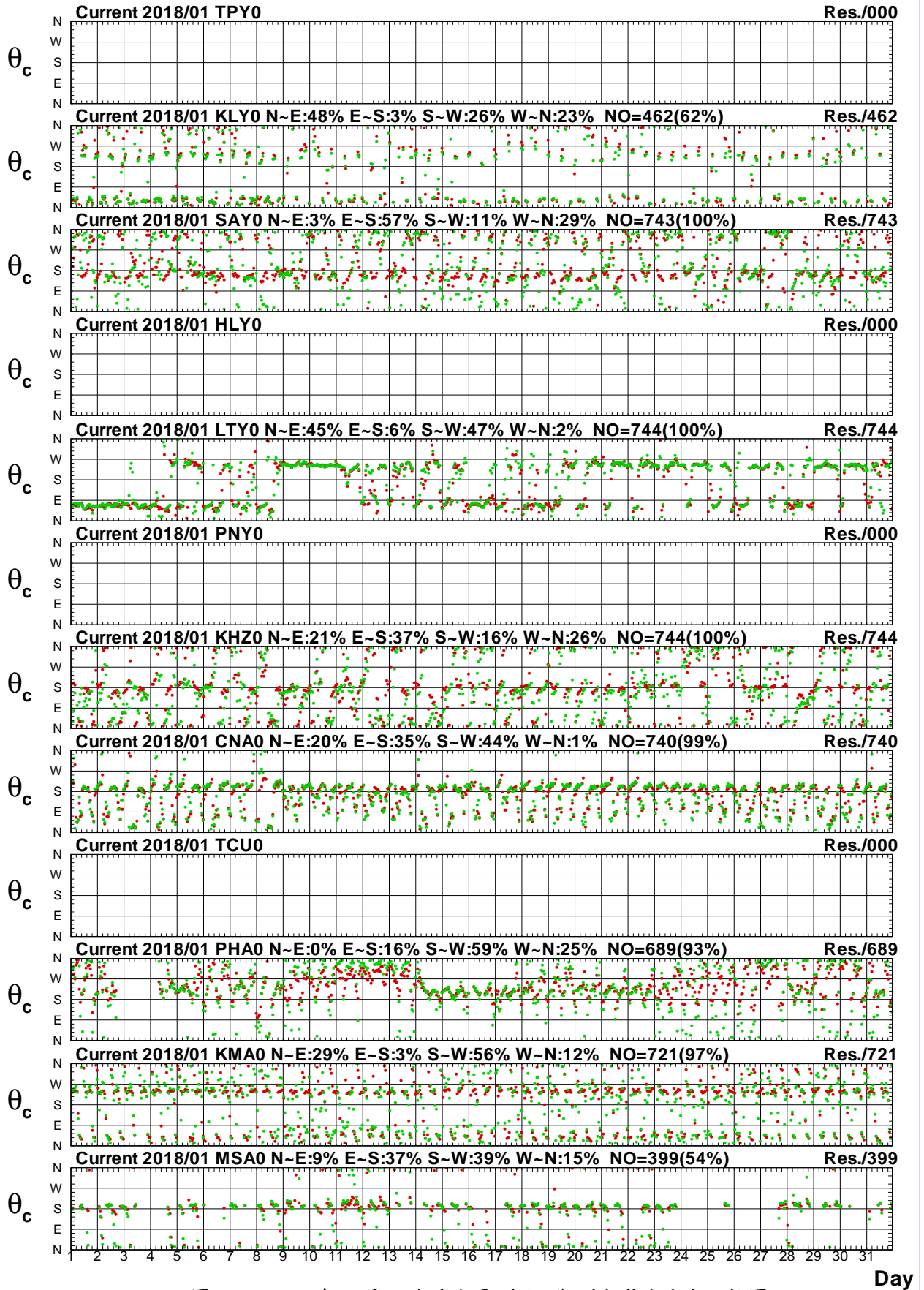


圖6.2d 2018年1月12海域主要測站2觀測與殘流流向比較圖

C181TPY0.1H0 C181TPY0.1HR C181KLY0.1H0 C181KLY0.1HR C181SAY0.1H0 C181SAY0.1HR
 C181HLY0.1H0 C181HLY0.1HR C181LTY0.1H0 C181LTY0.1HR C181PNY0.1H0 C181PNY0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/02

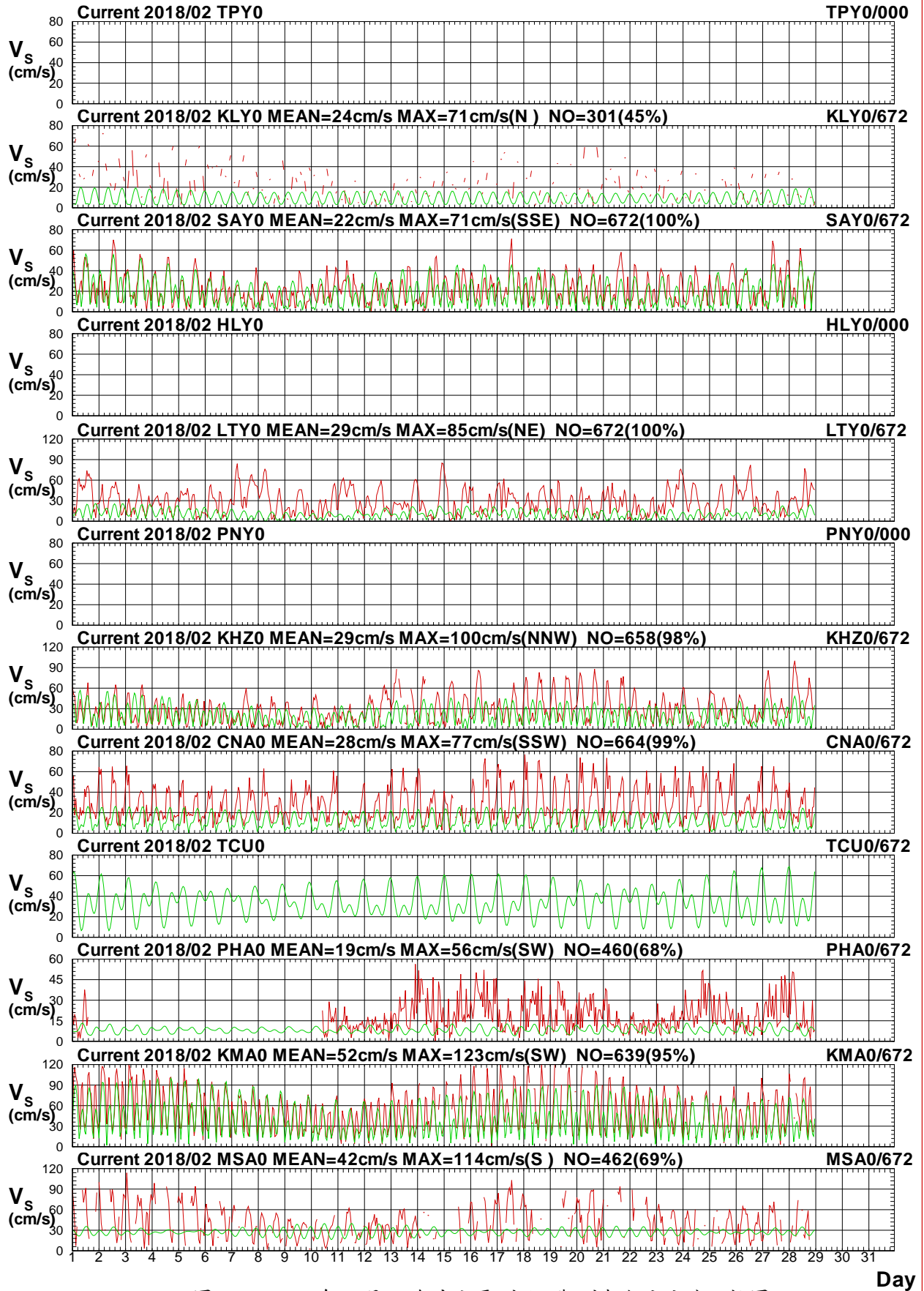


圖6.3a 2018年2月12海域主要測站2觀測與潮流流速比較圖

C182TPY0.1HO C182TPY0.1HD C182KLY0.1HO C182KLY0.1HD C182SAY0.1HO C182SAY0.1HD
 C182HLY0.1HO C182HLY0.1HD C182LTY0.1HO C182LTY0.1HD C182PNY0.1HO C182PNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/02

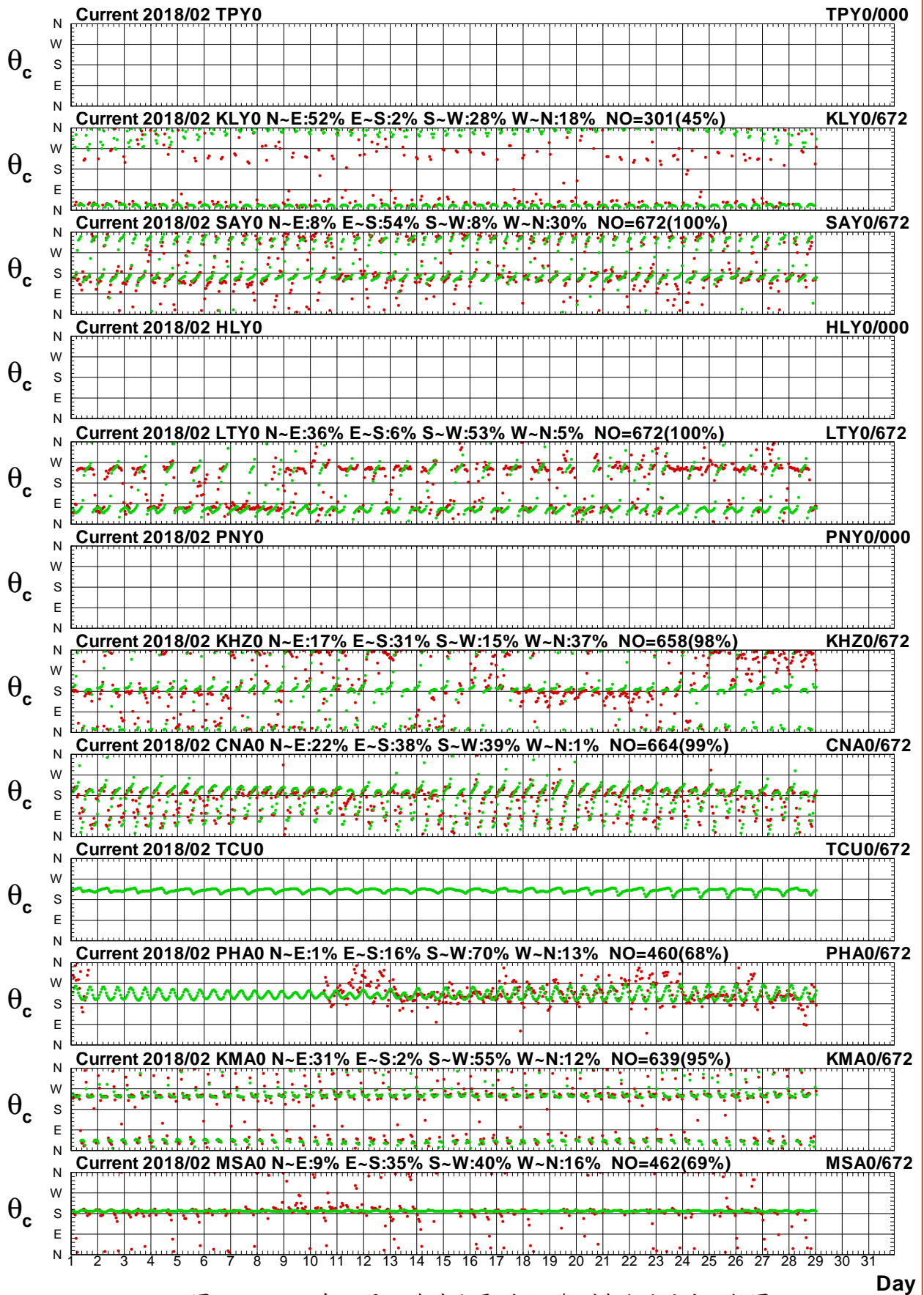


圖6.3b 2018年2月12海域主要測站2觀測與潮流流向比較圖

C182TPY0.1HD C182TPY0.1HD C182KLY0.1HD C182KLY0.1HD C182SAY0.1HD C182SAY0.1HD
 C182HLY0.1HD C182HLY0.1HD C182LTY0.1HD C182LTY0.1HD C182PNY0.1HD C182PNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/02

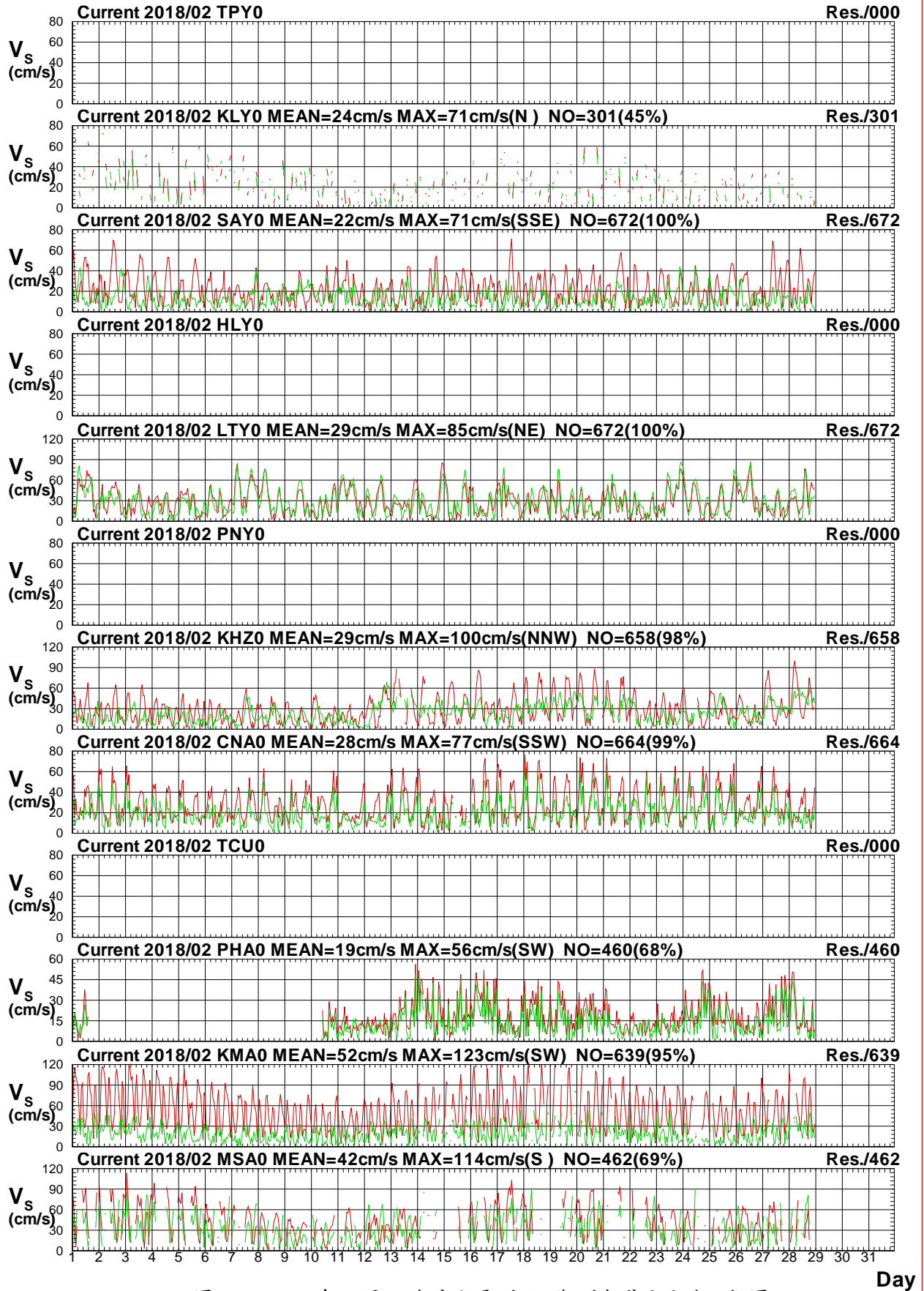


圖6.3c 2018年2月12海域主要測站2觀測與殘流流速比較圖

C182TPY0.1H0 C182TPY0.1HR C182KLY0.1H0 C182KLY0.1HR C182SAY0.1H0 C182SAY0.1HR	Institute of Harbor & Marine Technology
C182HLY0.1H0 C182HLY0.1HR C182LTY0.1H0 C182LTY0.1HR C182PNY0.1H0 C182PNY0.1HR	

Twelve Harbors Current Direction at 2018/02

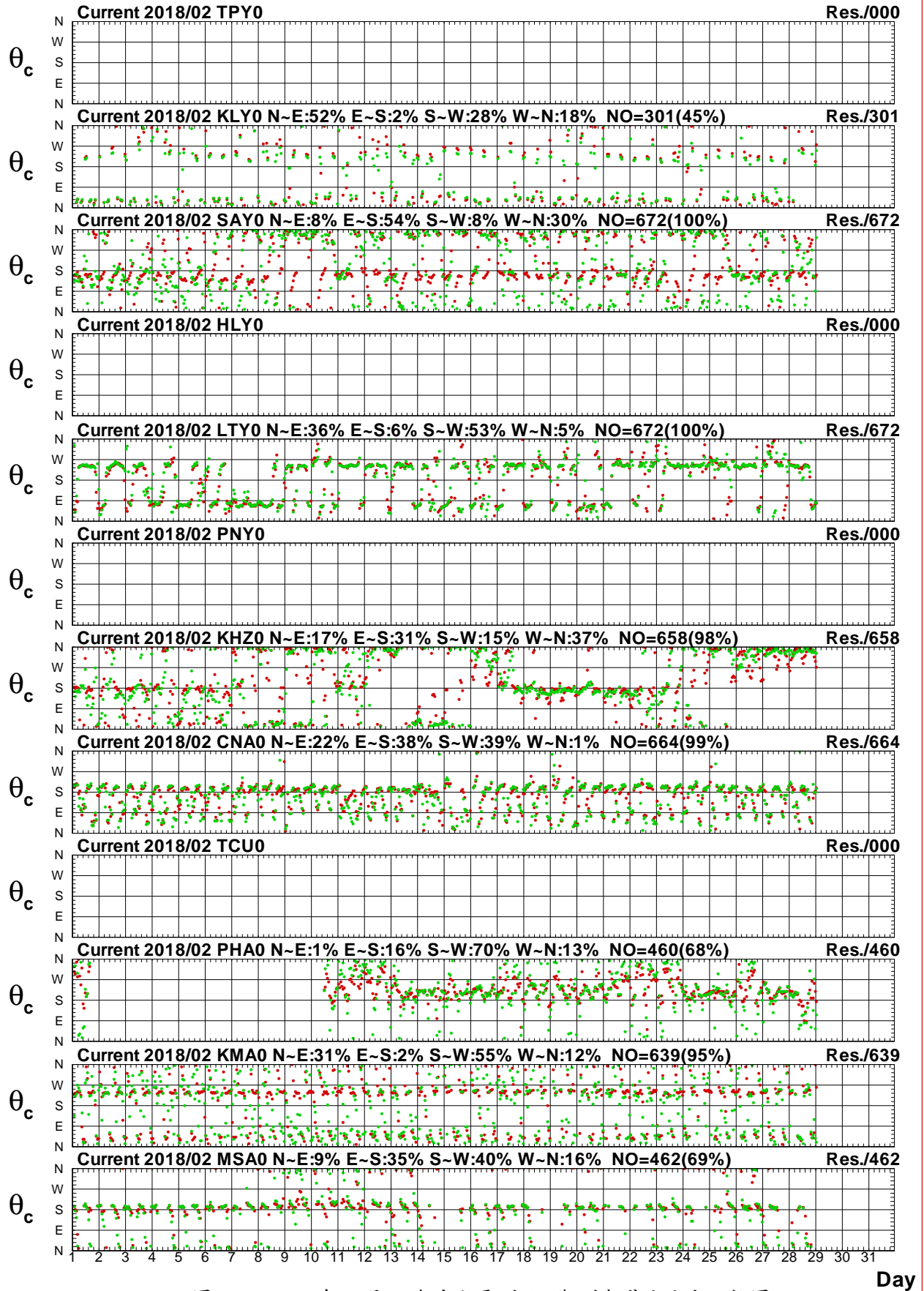


圖6.3d 2018年2月12海域主要測站2觀測與殘流流向比較圖

C182TPY0.1H0 C182TPY0.1HR C182KLY0.1H0 C182KLY0.1HR C182SAY0.1H0 C182SAY0.1HR
 C182HLY0.1H0 C182HLY0.1HR C182LTY0.1H0 C182LTY0.1HR C182PNY0.1H0 C182PNY0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/03

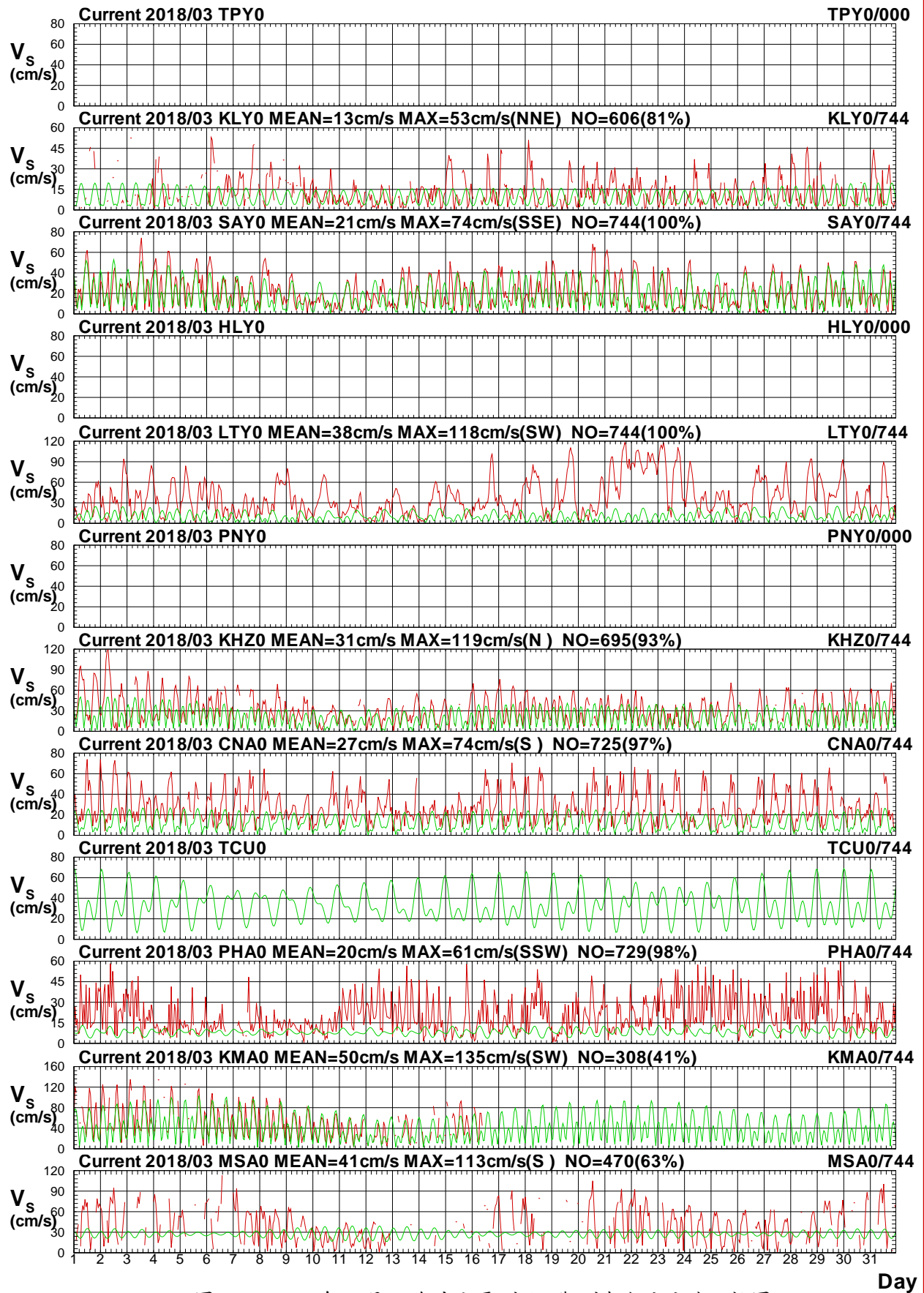


圖6.4a 2018年3月12海域主要測站2觀測與潮流流速比較圖

C183TPY0.1HD C183TPY0.1HD C183KLY0.1HD C183KLY0.1HD C183SAY0.1HD C183SAY0.1HD
 C183HLY0.1HD C183HLY0.1HD C183LTY0.1HD C183LTY0.1HD C183PNY0.1HD C183PNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/03

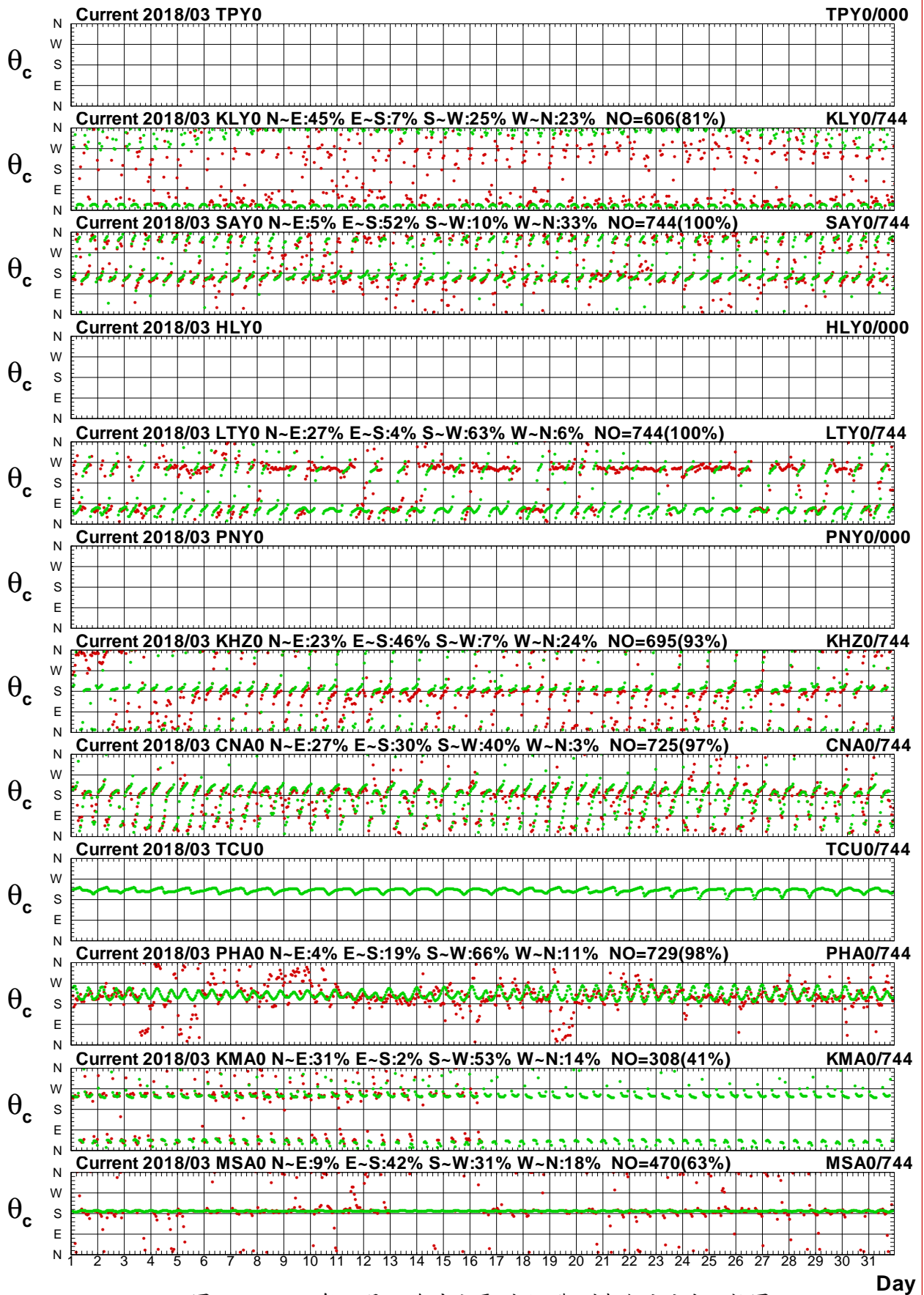


圖6.4b 2018年3月12海域主要測站2觀測與潮流流向比較圖

C183TPY0.1HD C183TPY0.1HD C183KLY0.1HD C183KLY0.1HD C183SAY0.1HD C183SAY0.1HD
 C183HLY0.1HD C183HLY0.1HD C183LTY0.1HD C183LTY0.1HD C183PNY0.1HD C183PNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/03

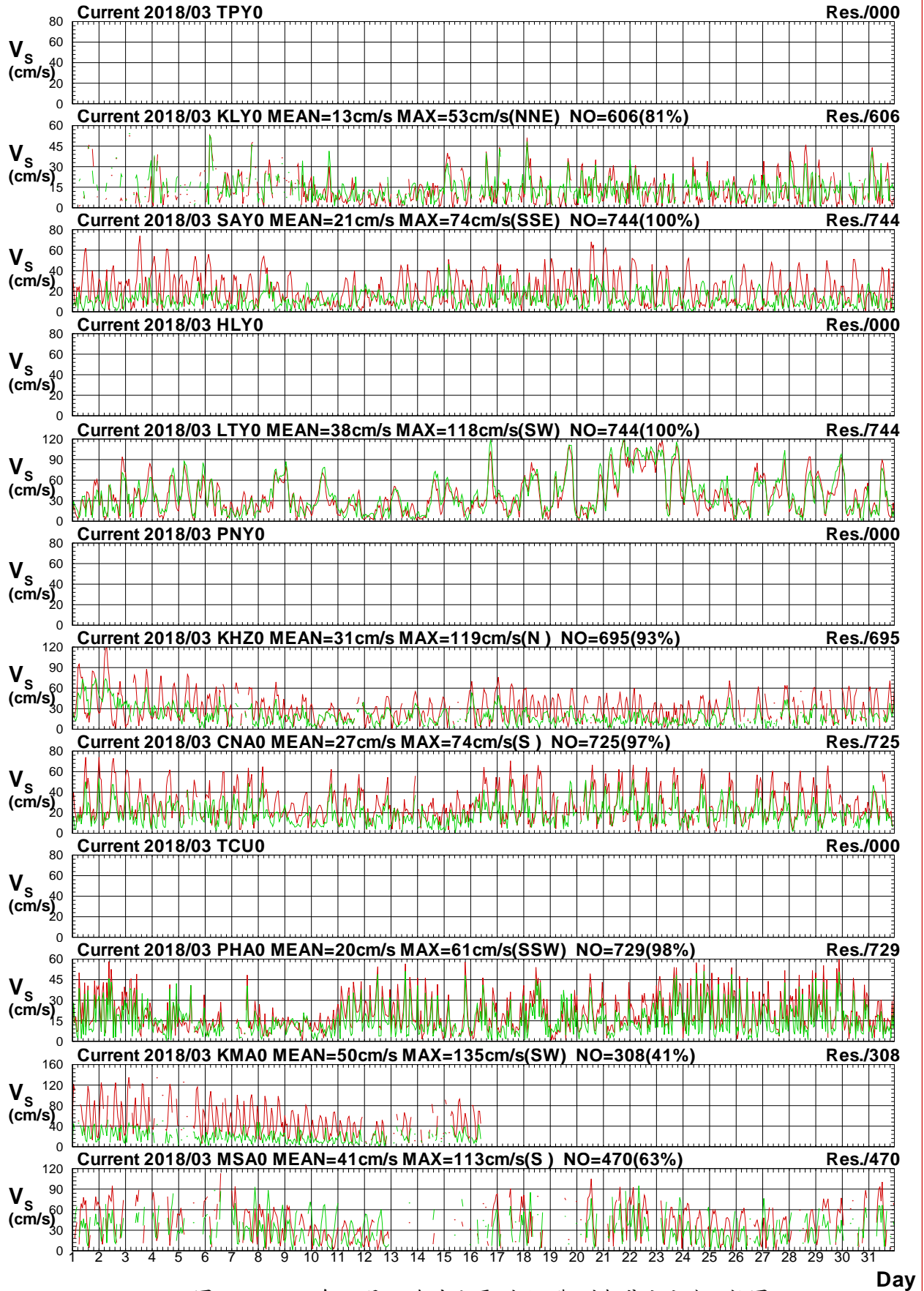


圖6.4c 2018年3月12海域主要測站2觀測與殘流流速比較圖

C183TPY0.1H0 C183TPY0.1HR C183KLY0.1H0 C183KLY0.1HR C183SAY0.1H0 C183SAY0.1HR	Institute of Harbor & Marine Technology
C183HLY0.1H0 C183HLY0.1HR C183LTY0.1H0 C183LTY0.1HR C183PNY0.1H0 C183PNY0.1HR	

Twelve Harbors Current Direction at 2018/03

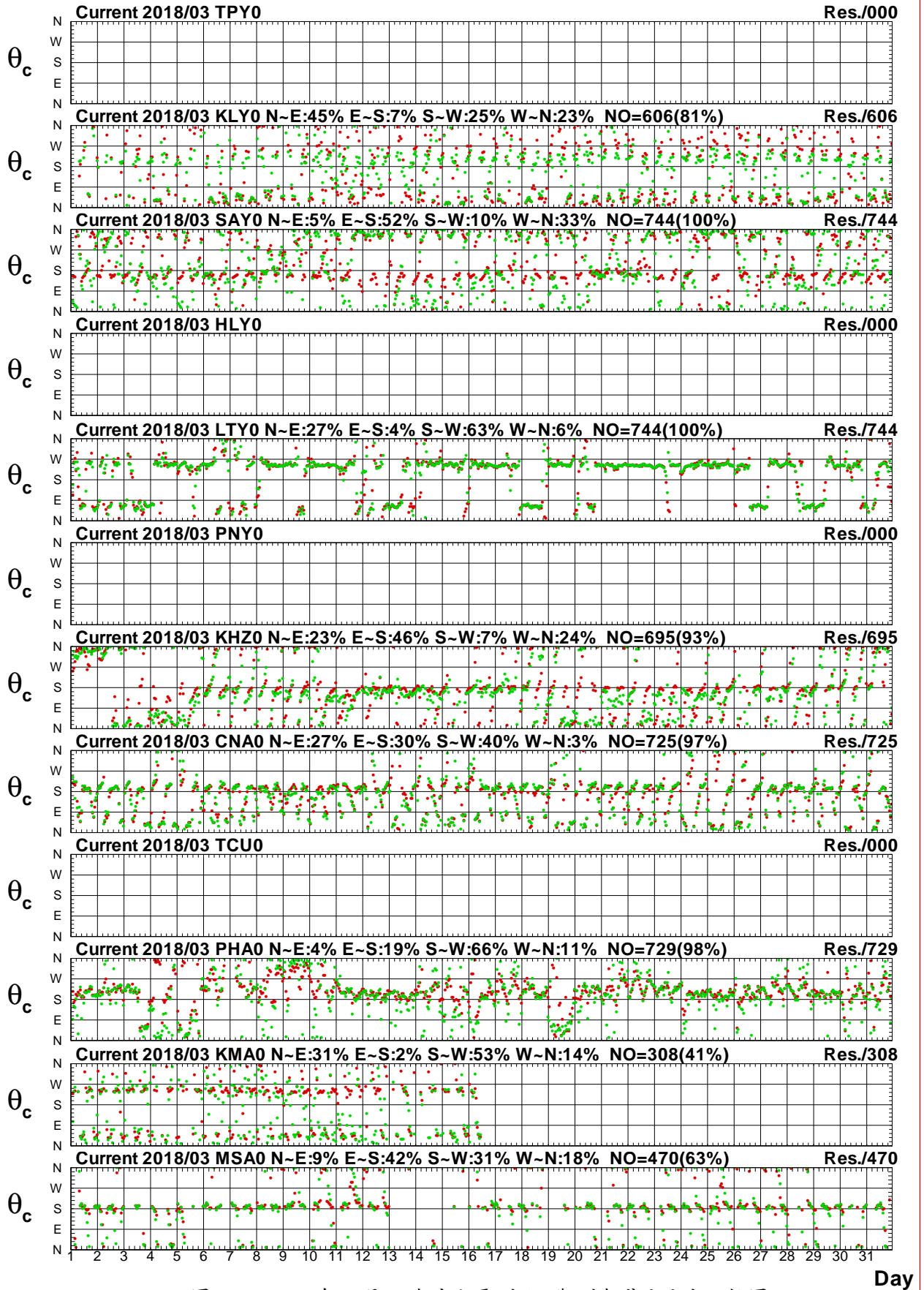


圖6.4d 2018年3月12海域主要測站2觀測與殘流流向比較圖

C183TPY0.1H0 C183TPY0.1HR C183KLY0.1H0 C183KLY0.1HR C183SAY0.1H0 C183SAY0.1HR
 C183HLY0.1H0 C183HLY0.1HR C183LTY0.1H0 C183LTY0.1HR C183PNY0.1H0 C183PNY0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/04

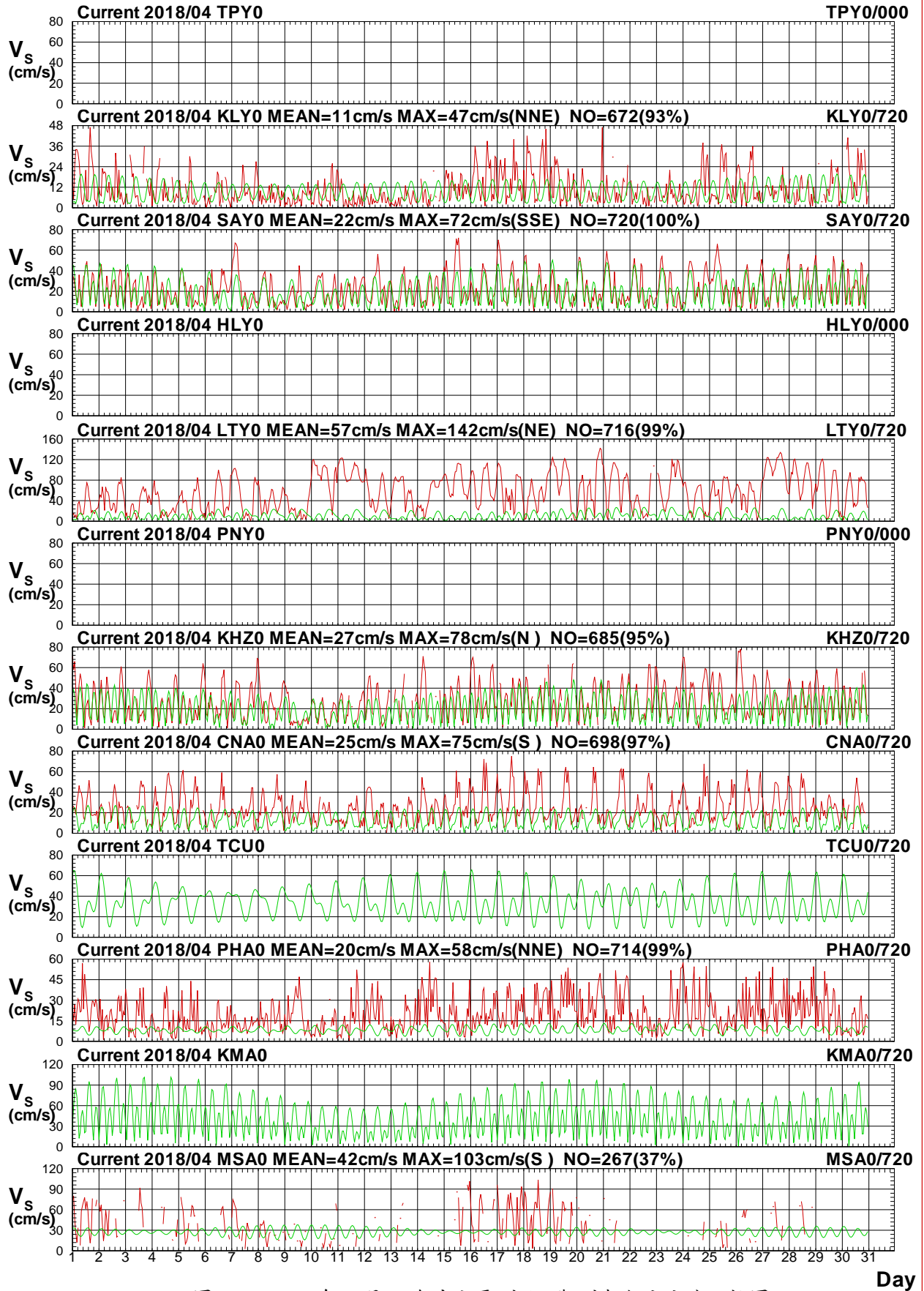


圖6.5a 2018年4月12海域主要測站2觀測與潮流流速比較圖

C184TPY0.1HD C184TPY0.1HD C184KLY0.1HD C184KLY0.1HD C184SAY0.1HD C184SAY0.1HD
 C184HLY0.1HD C184HLY0.1HD C184LTY0.1HD C184LTY0.1HD C184PNY0.1HD C184PNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/04

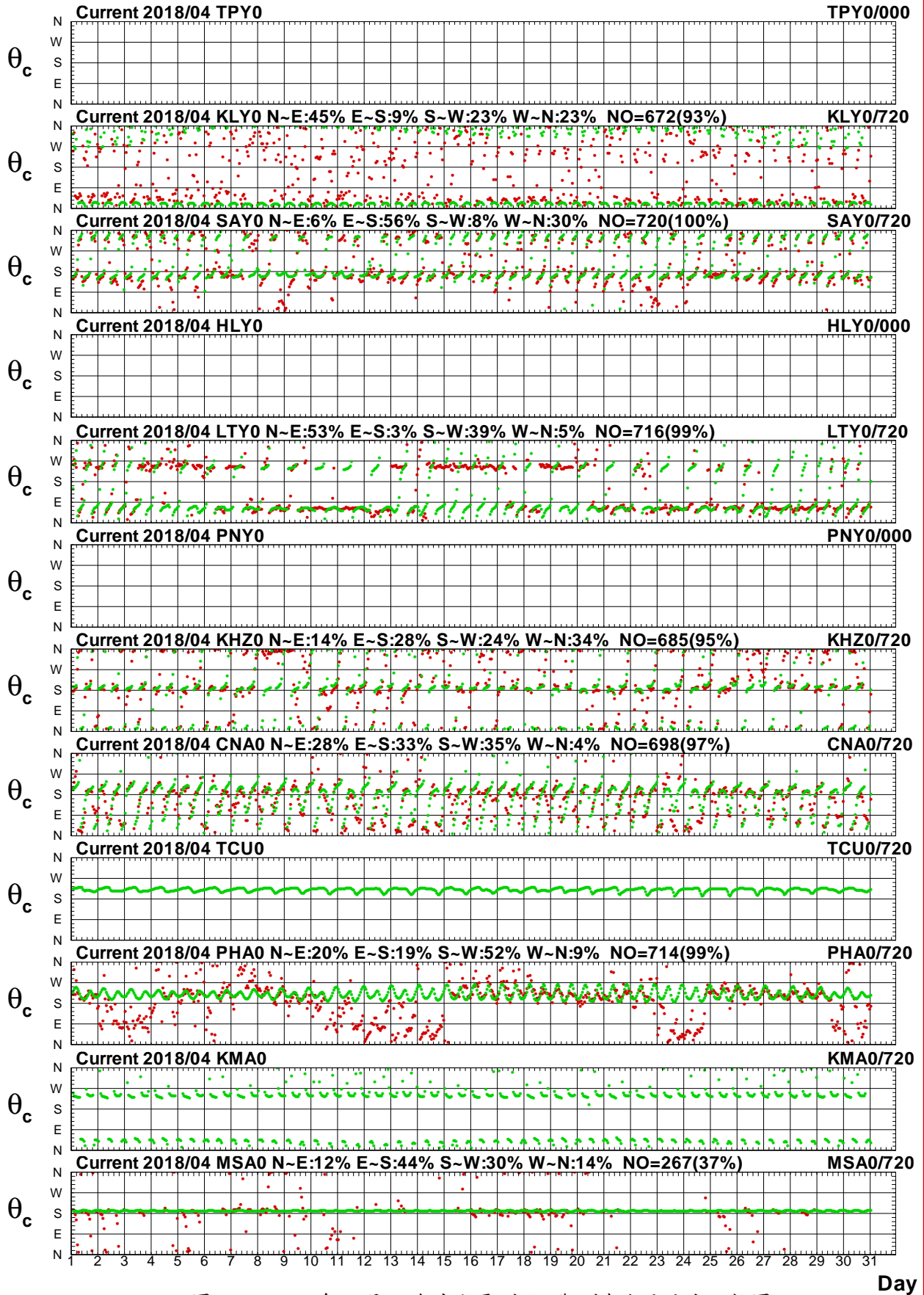


圖6.5b 2018年4月12海域主要測站2觀測與潮流流向比較圖

C184TPY0.1HD C184TPY0.1HD C184KLY0.1HD C184KLY0.1HD C184SAY0.1HD C184SAY0.1HD
 C184HLY0.1HD C184HLY0.1HD C184LTY0.1HD C184LTY0.1HD C184PNY0.1HD C184PNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/04

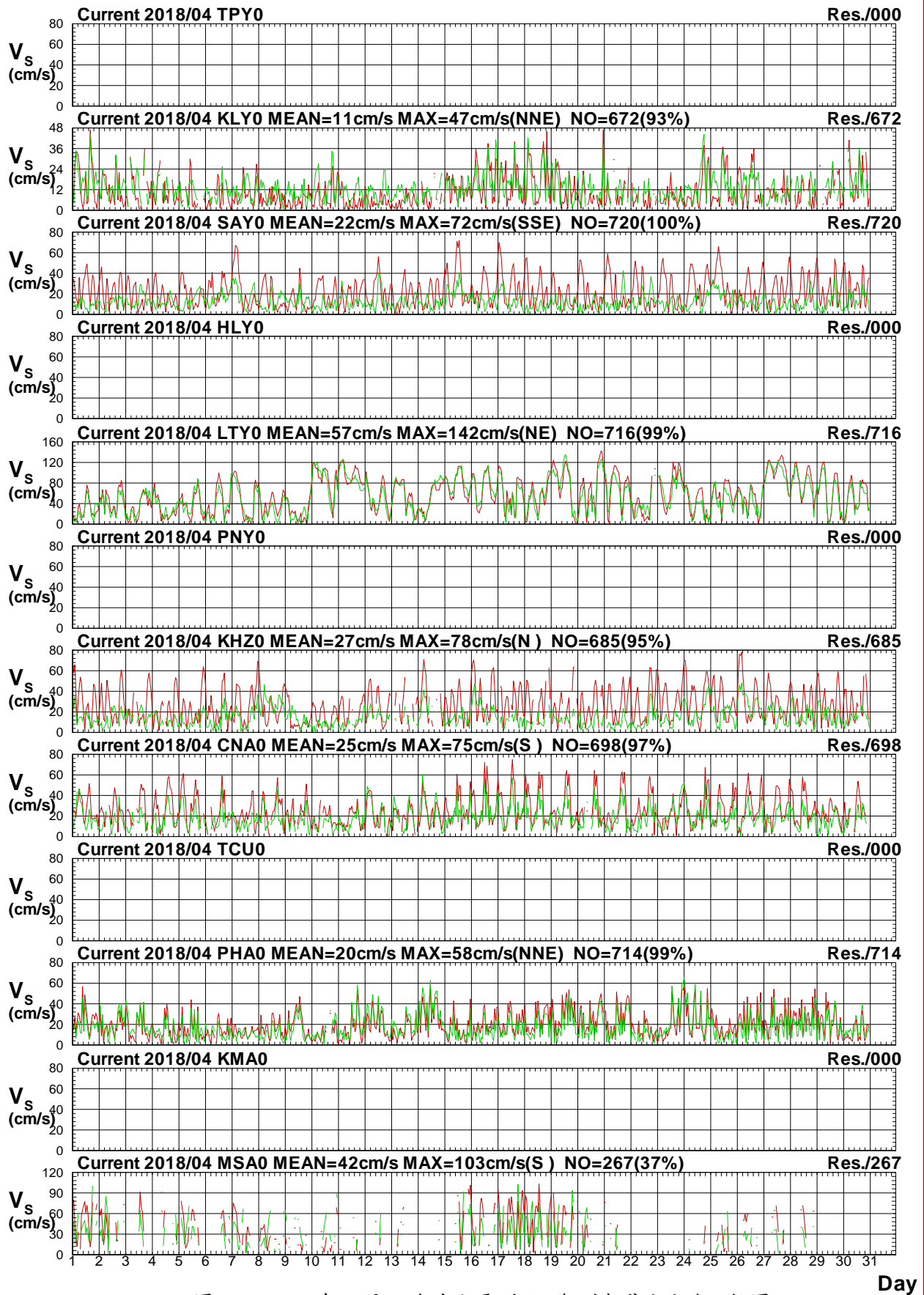


圖6.5c 2018年4月12海域主要測站2觀測與殘流流速比較圖

C184TPY0.1H0 C184TPY0.1HR C184KLY0.1H0 C184KLY0.1HR C184SAY0.1H0 C184SAY0.1HR
 C184HLY0.1H0 C184HLY0.1HR C184LTY0.1H0 C184LTY0.1HR C184PNY0.1H0 C184PNY0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/04

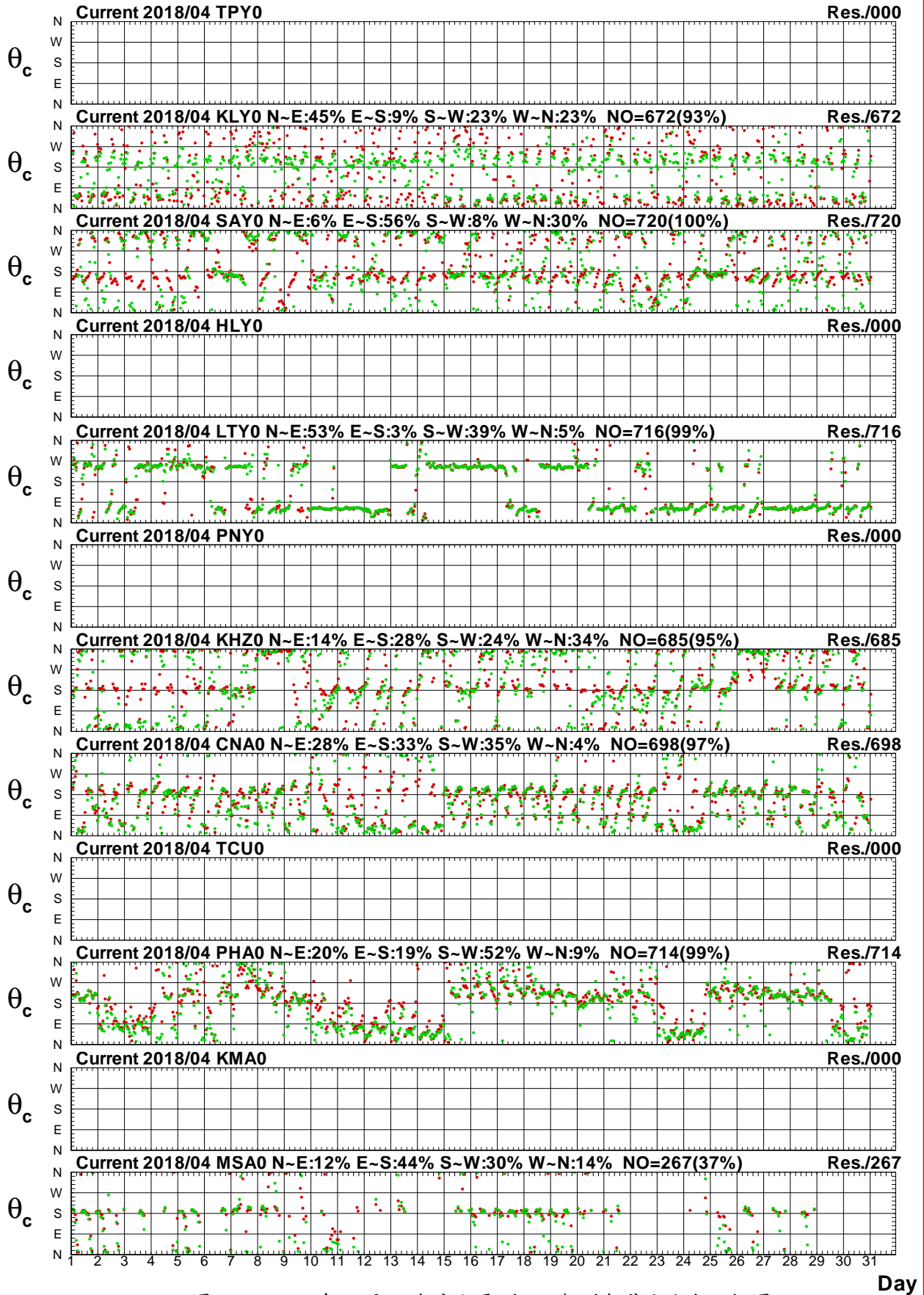


圖6.5d 2018年4月12海域主要測站2觀測與殘流流向比較圖

C184TPY0.1H0 C184TPY0.1HR C184KLY0.1H0 C184KLY0.1HR C184SAY0.1H0 C184SAY0.1HR
 C184HLY0.1H0 C184HLY0.1HR C184LTY0.1H0 C184LTY0.1HR C184PNY0.1H0 C184PNY0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/05

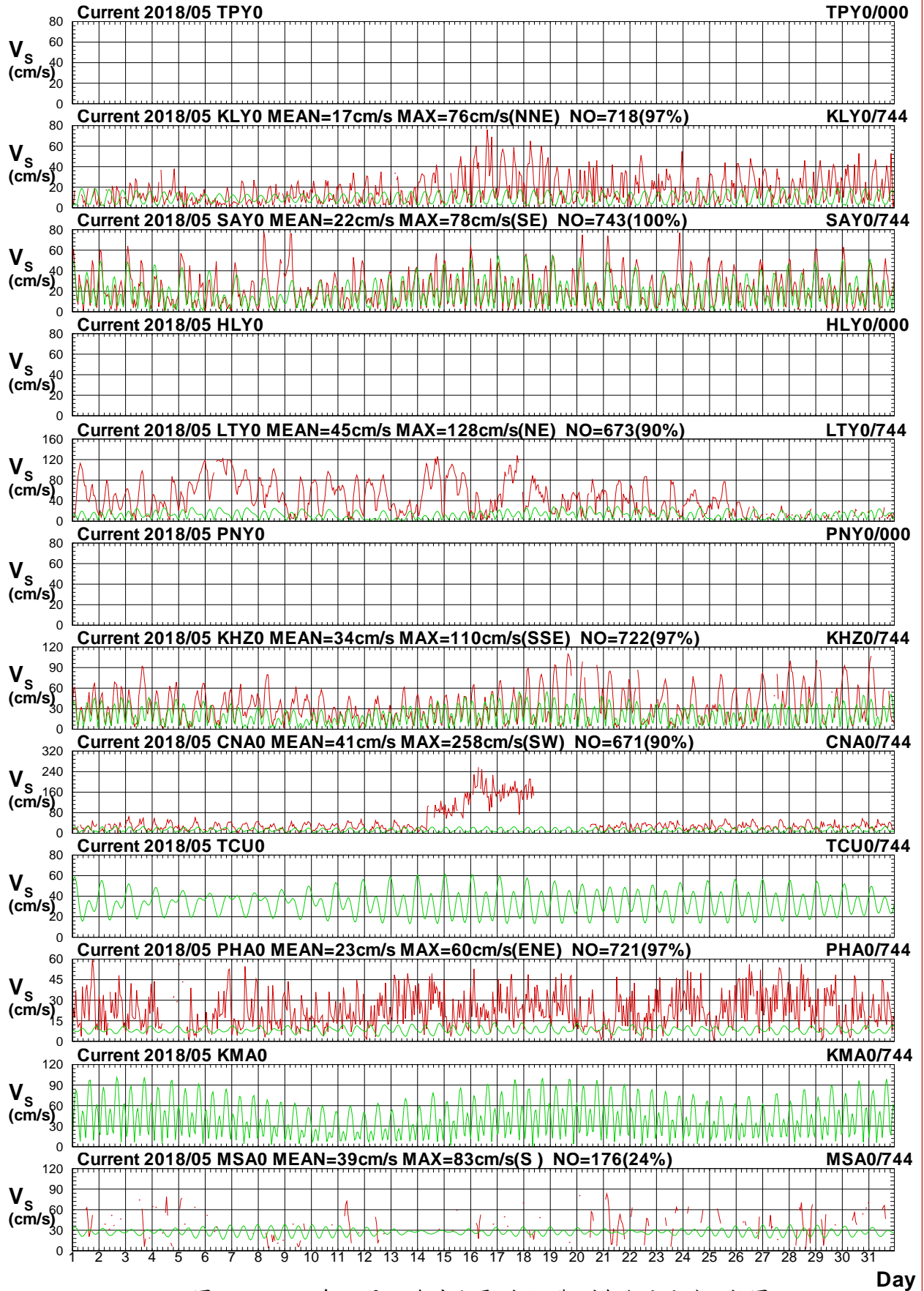


圖6.6a 2018年5月12海域主要測站2觀測與潮流流速比較圖

C185TPY0.1HD C185TPY0.1HD C185KLY0.1HD C185KLY0.1HD C185SAY0.1HD C185SAY0.1HD
 C185HLY0.1HD C185HLY0.1HD C185LTY0.1HD C185LTY0.1HD C185PNY0.1HD C185PNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/05

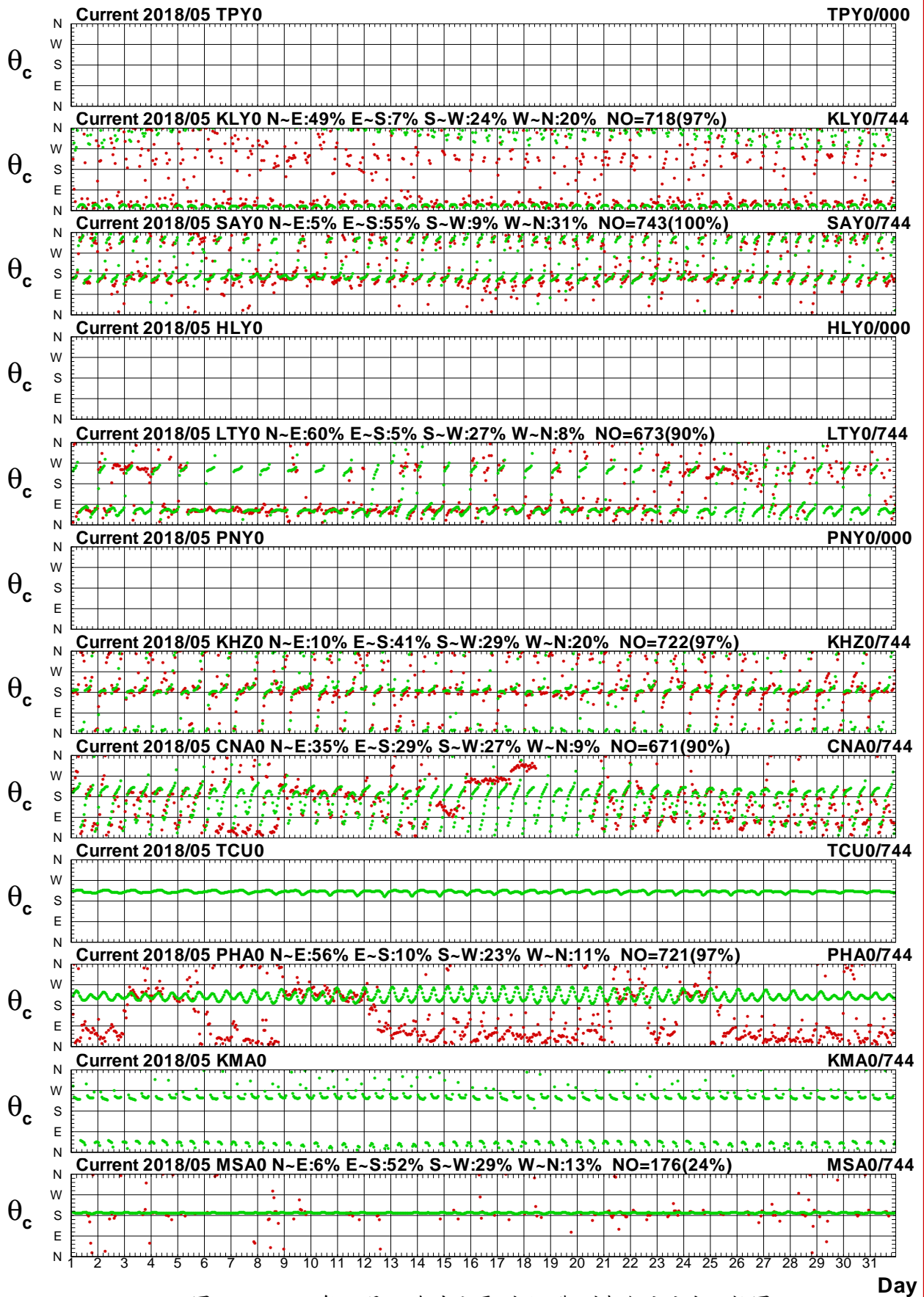


圖6.6b 2018年5月12海域主要測站2觀測與潮流流向比較圖

C185TPY0.1HD C185TPY0.1HD C185KLY0.1HD C185KLY0.1HD C185SAY0.1HD C185SAY0.1HD
 C185HLY0.1HD C185HLY0.1HD C185LTY0.1HD C185LTY0.1HD C185PNY0.1HD C185PNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/05

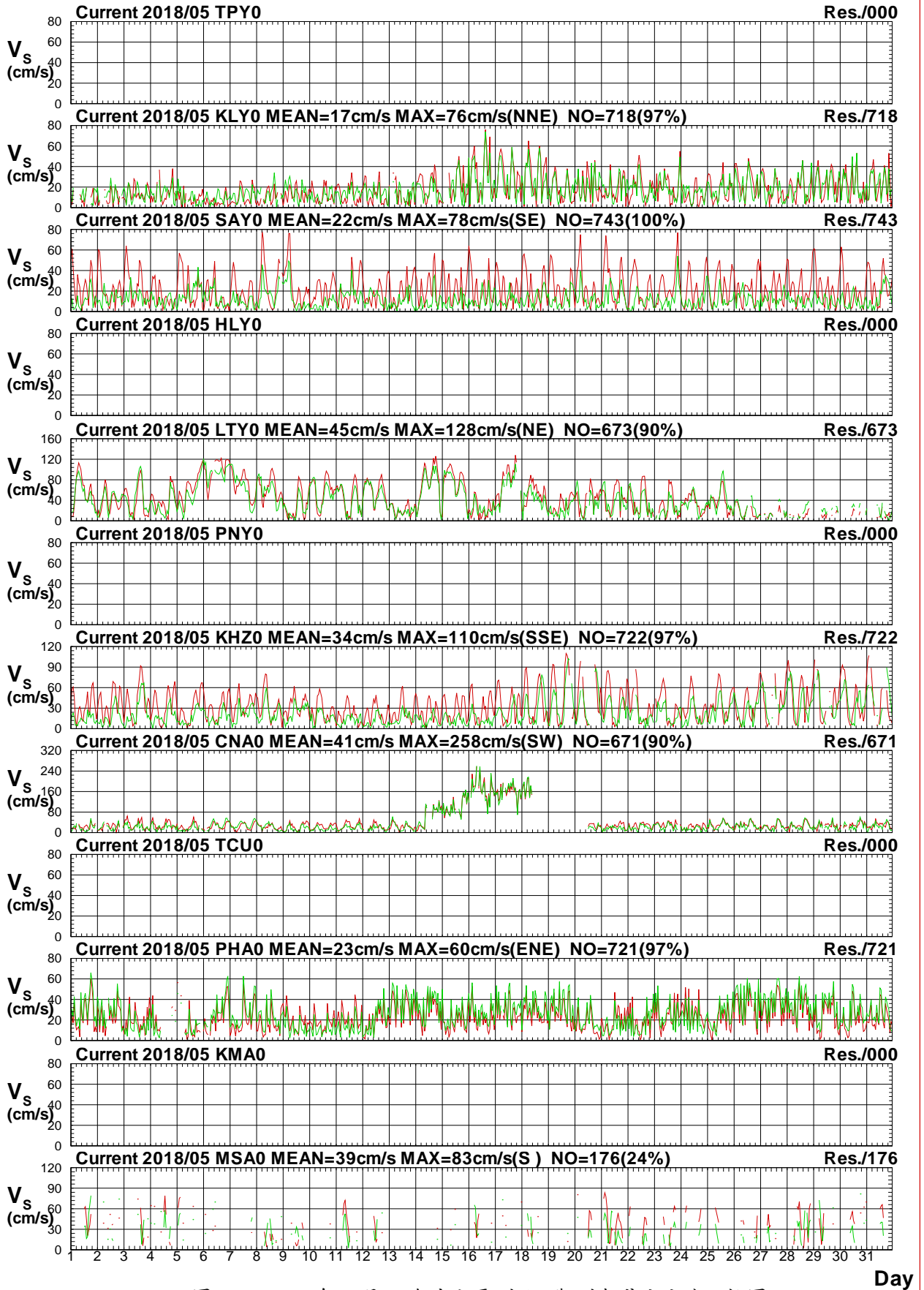


圖6.6c 2018年5月12海域主要測站2觀測與殘流流速比較圖

C185TPY0.1H0 C185TPY0.1HR C185KLY0.1H0 C185KLY0.1HR C185SAY0.1H0 C185SAY0.1HR
 C185HLY0.1H0 C185HLY0.1HR C185LTY0.1H0 C185LTY0.1HR C185PNY0.1H0 C185PNY0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/05

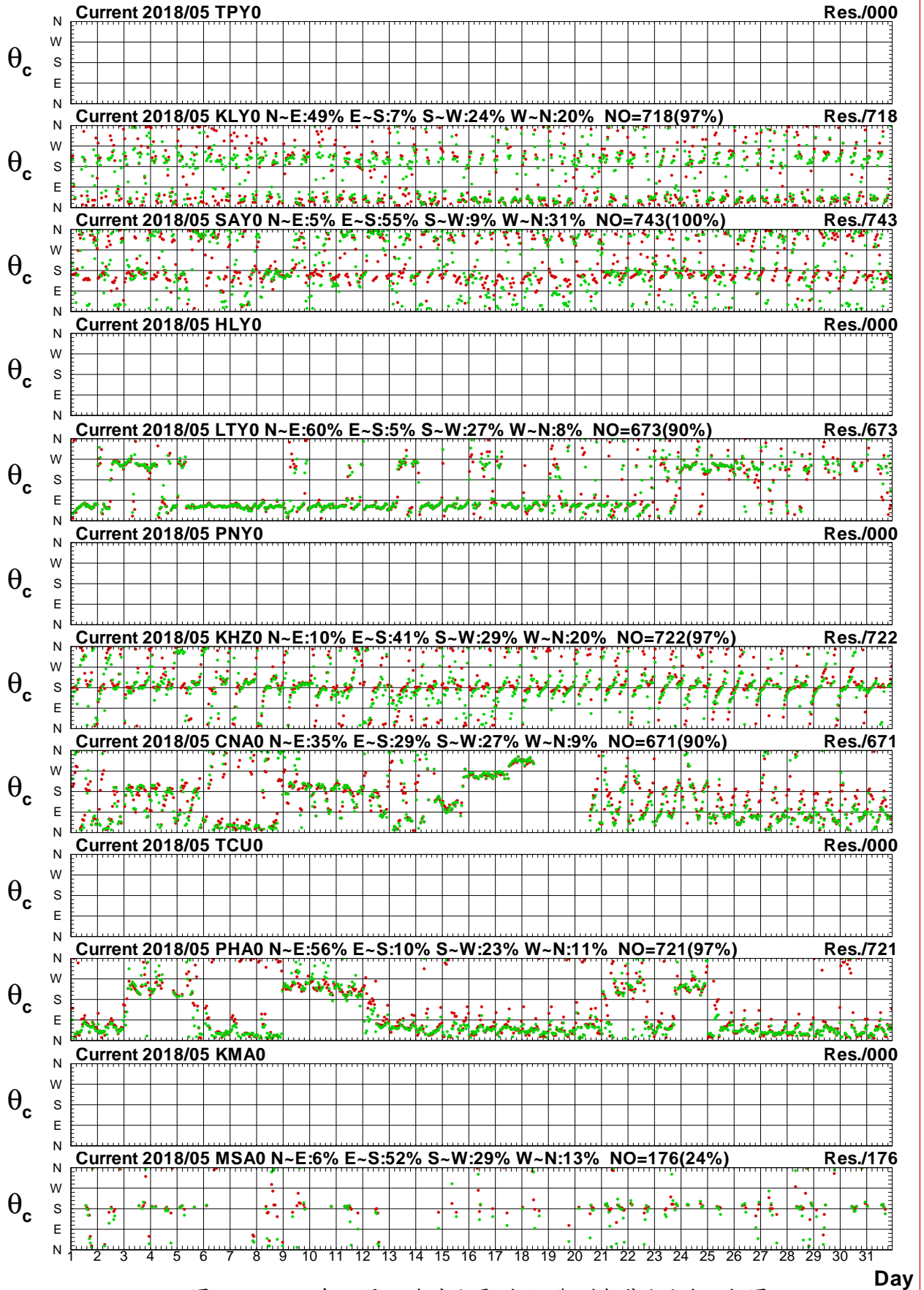


圖6.6d 2018年5月12海域主要測站2觀測與殘流流向比較圖

C185TPY0.1H0 C185TPY0.1HR C185KLY0.1H0 C185KLY0.1HR C185SAY0.1H0 C185SAY0.1HR
 C185HLY0.1H0 C185HLY0.1HR C185LTY0.1H0 C185LTY0.1HR C185PNY0.1H0 C185PNY0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/06

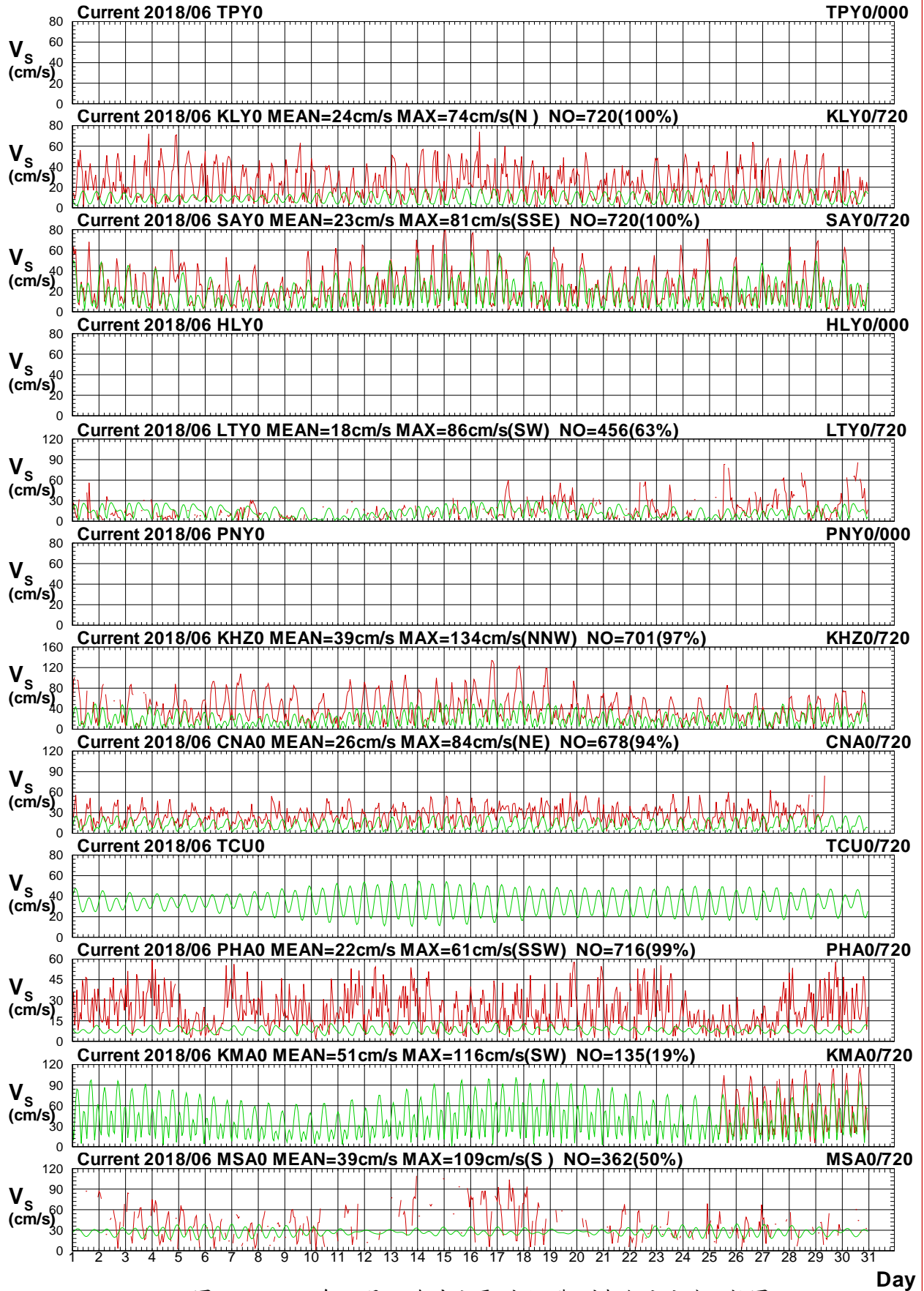


圖6.7a 2018年6月12海域主要測站2觀測與潮流流速比較圖

C186TPY0.1HD C186TPY0.1HD C186KLY0.1HD C186KLY0.1HD C186SAY0.1HD C186SAY0.1HD
 C186HLY0.1HD C186HLY0.1HD C186LTY0.1HD C186LTY0.1HD C186PNY0.1HD C186PNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/06

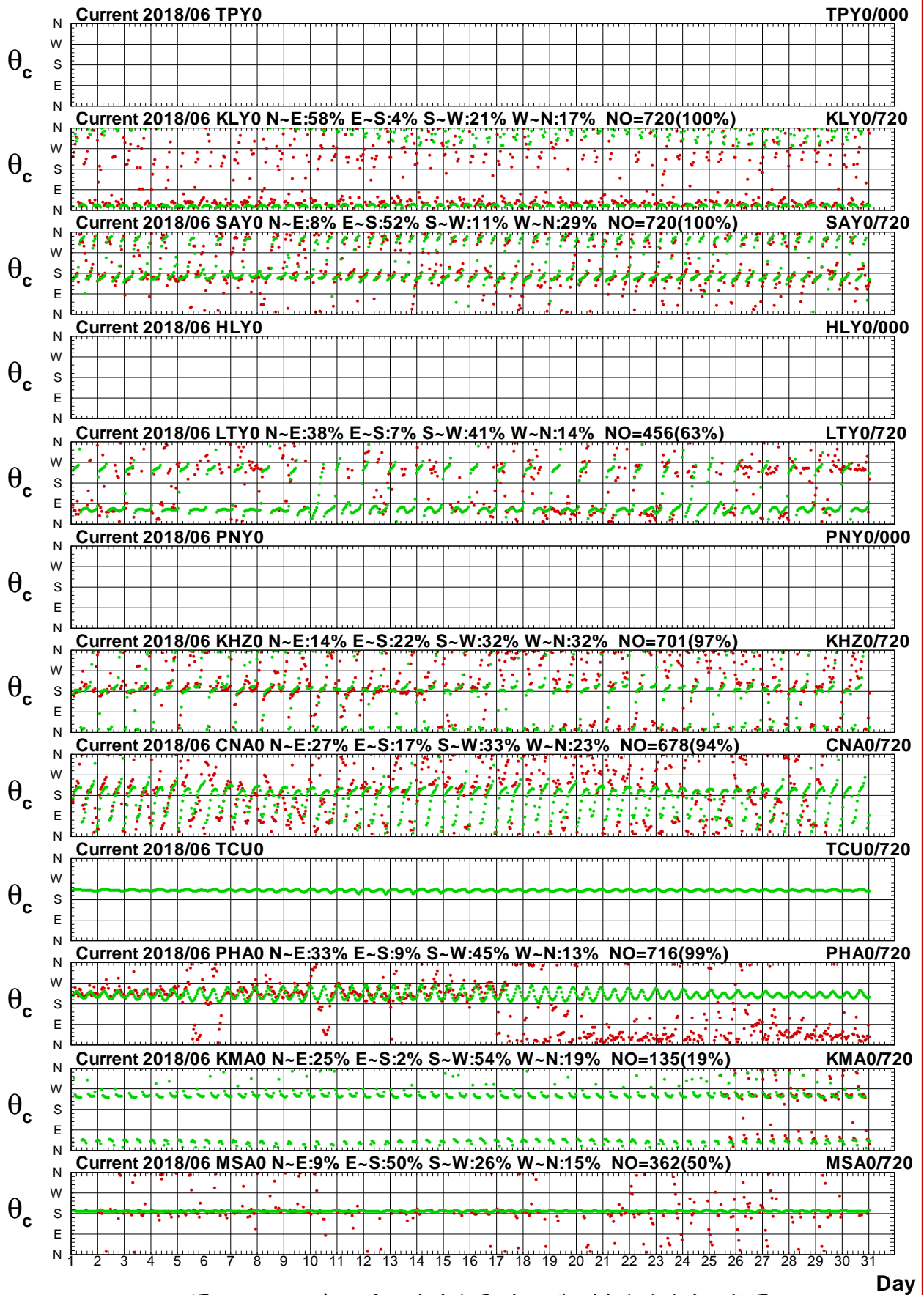


圖6.7b 2018年6月12海域主要測站2觀測與潮流流向比較圖

C186TPY0.1HO C186TPY0.1HD C186KLY0.1HO C186KLY0.1HD C186SAY0.1HO C186SAY0.1HD
 C186HLY0.1HO C186HLY0.1HD C186LTY0.1HO C186LTY0.1HD C186PNY0.1HO C186PNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/06

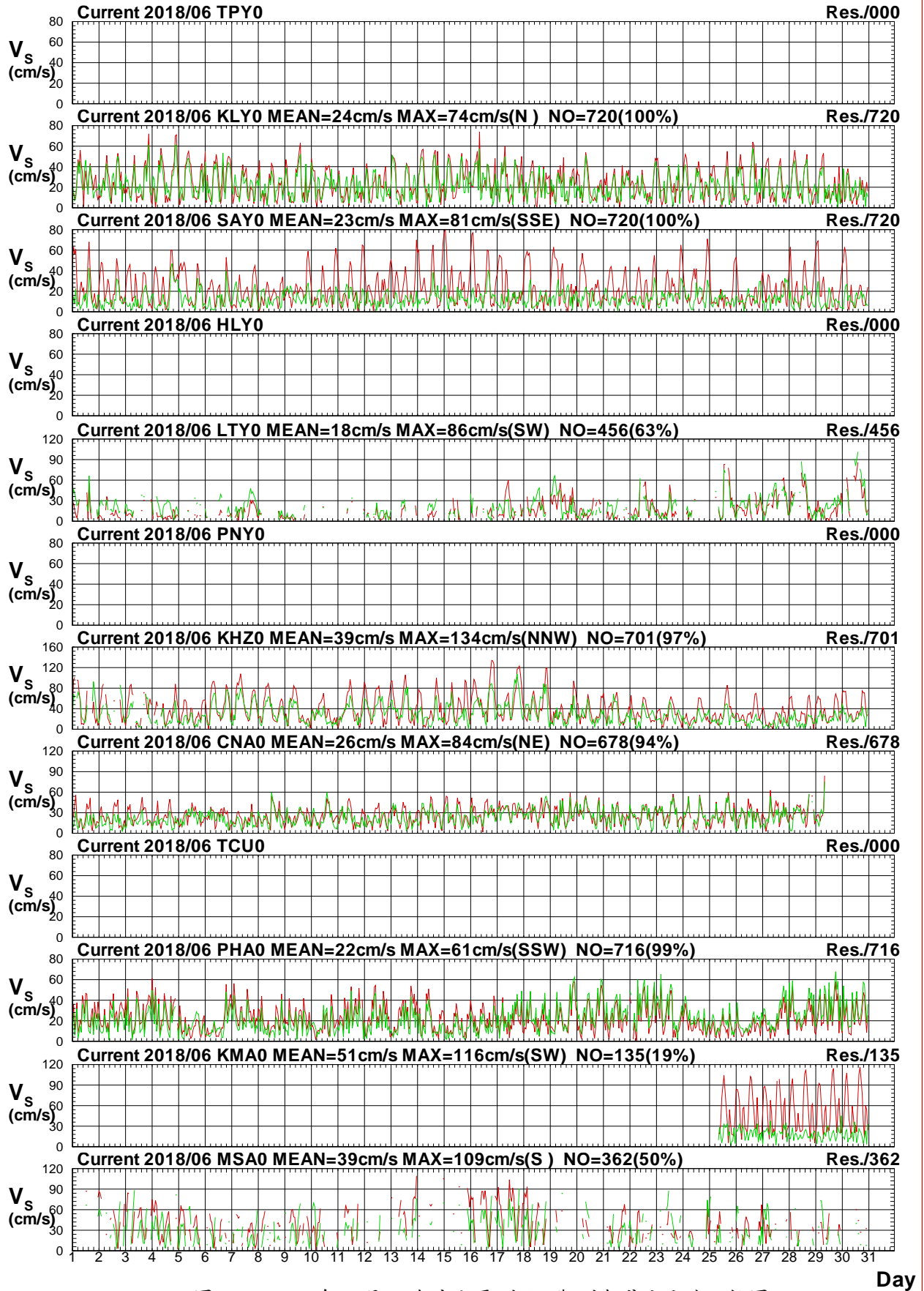


圖6.7c 2018年6月12海域主要測站2觀測與殘流流速比較圖

C186TPY0.1H0 C186TPY0.1HR C186KLY0.1H0 C186KLY0.1HR C186SAY0.1H0 C186SAY0.1HR
 C186HLY0.1H0 C186HLY0.1HR C186LTY0.1H0 C186LTY0.1HR C186PNY0.1H0 C186PNY0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/06

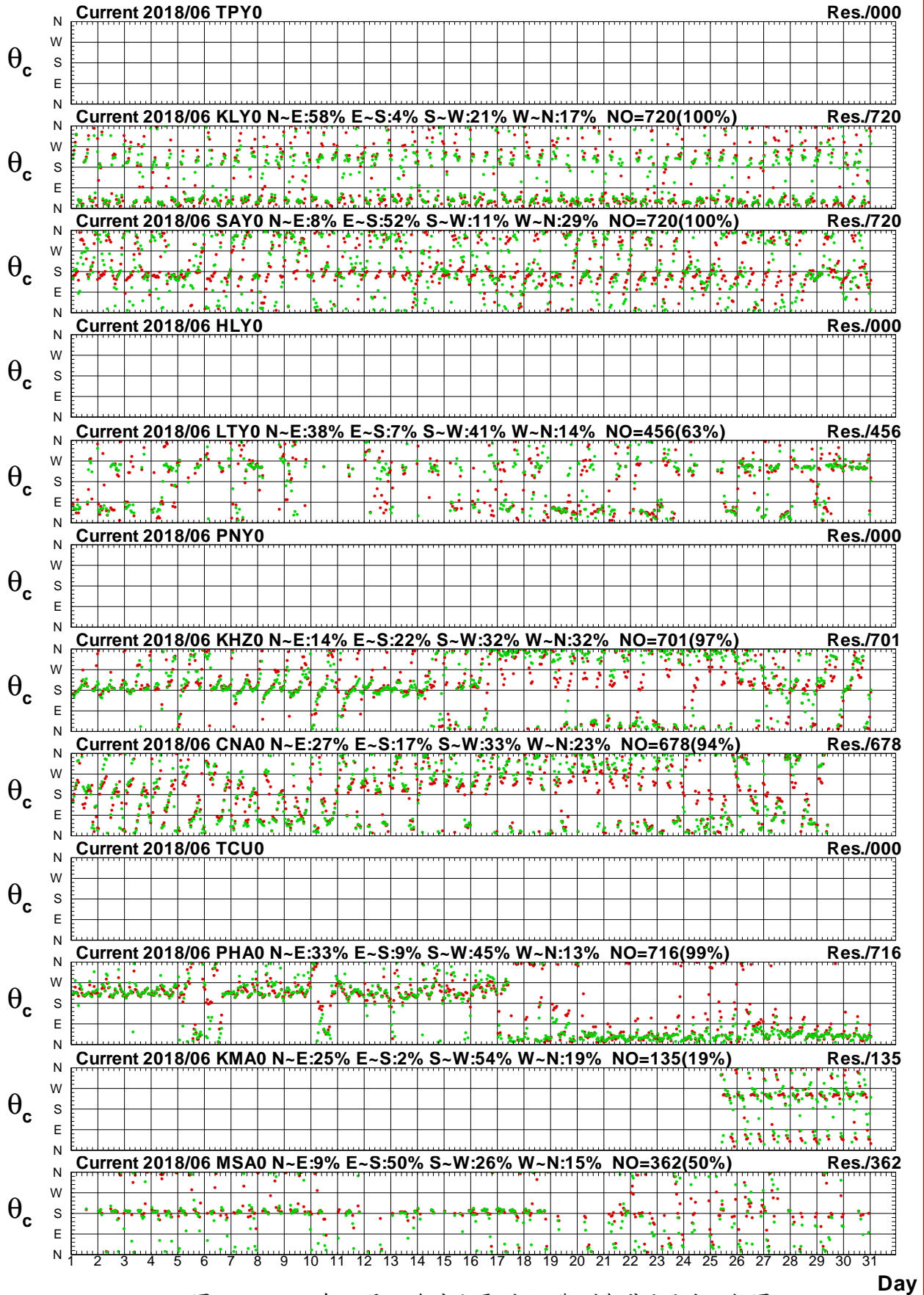


圖6.7d 2018年6月12海域主要測站2觀測與殘流流向比較圖

C186TPY0.1H0 C186TPY0.1HR C186KLY0.1H0 C186KLY0.1HR C186SAY0.1H0 C186SAY0.1HR
 C186HLY0.1H0 C186HLY0.1HR C186LTY0.1H0 C186LTY0.1HR C186PNY0.1H0 C186PNY0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/07

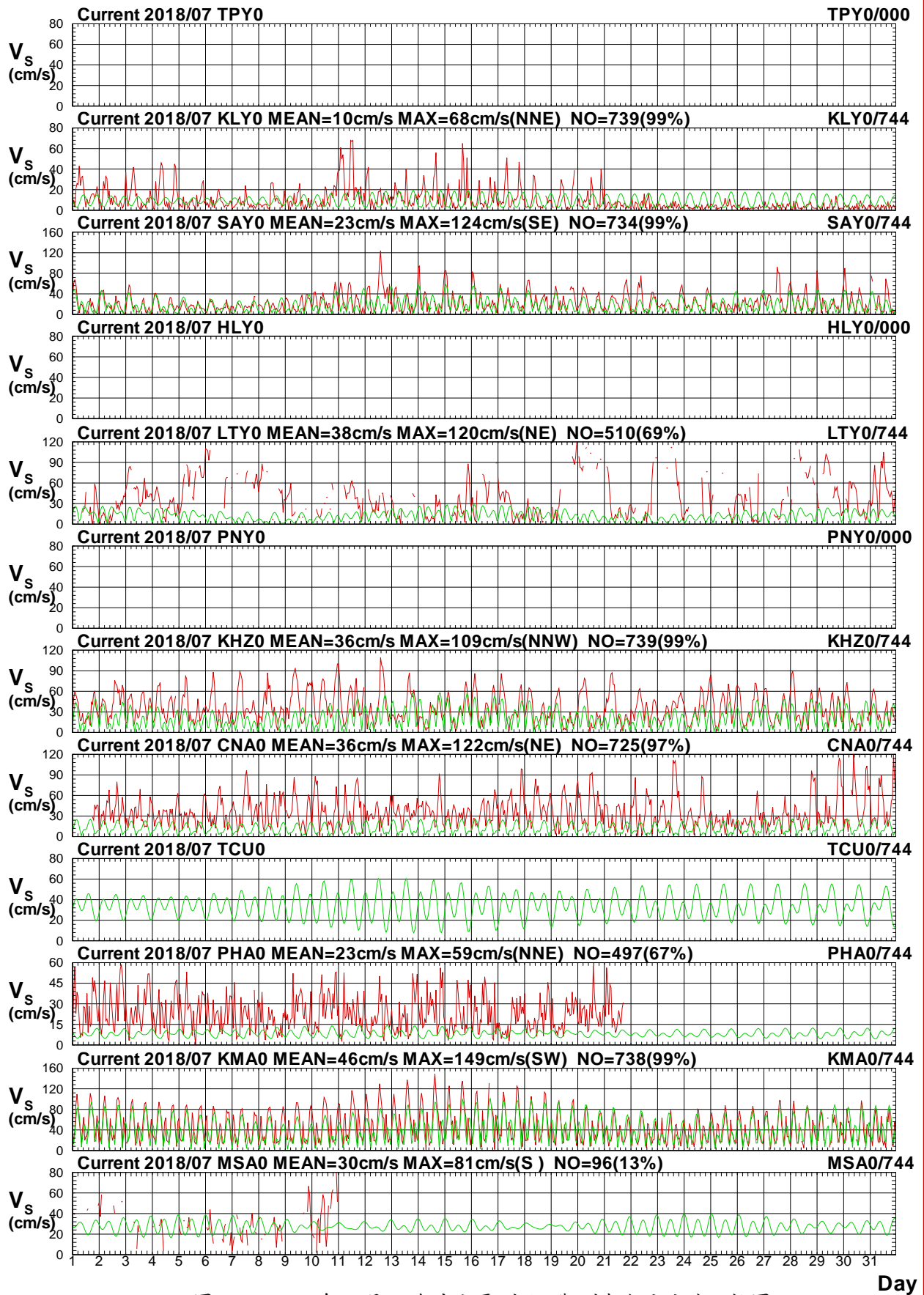


圖6.8a 2018年7月12海域主要測站2觀測與潮流流速比較圖

C187TPY0.1HD C187TPY0.1HD C187KLY0.1HD C187KLY0.1HD C187SAY0.1HD C187SAY0.1HD
 C187HLY0.1HD C187HLY0.1HD C187LTY0.1HD C187LTY0.1HD C187PNY0.1HD C187PNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/07

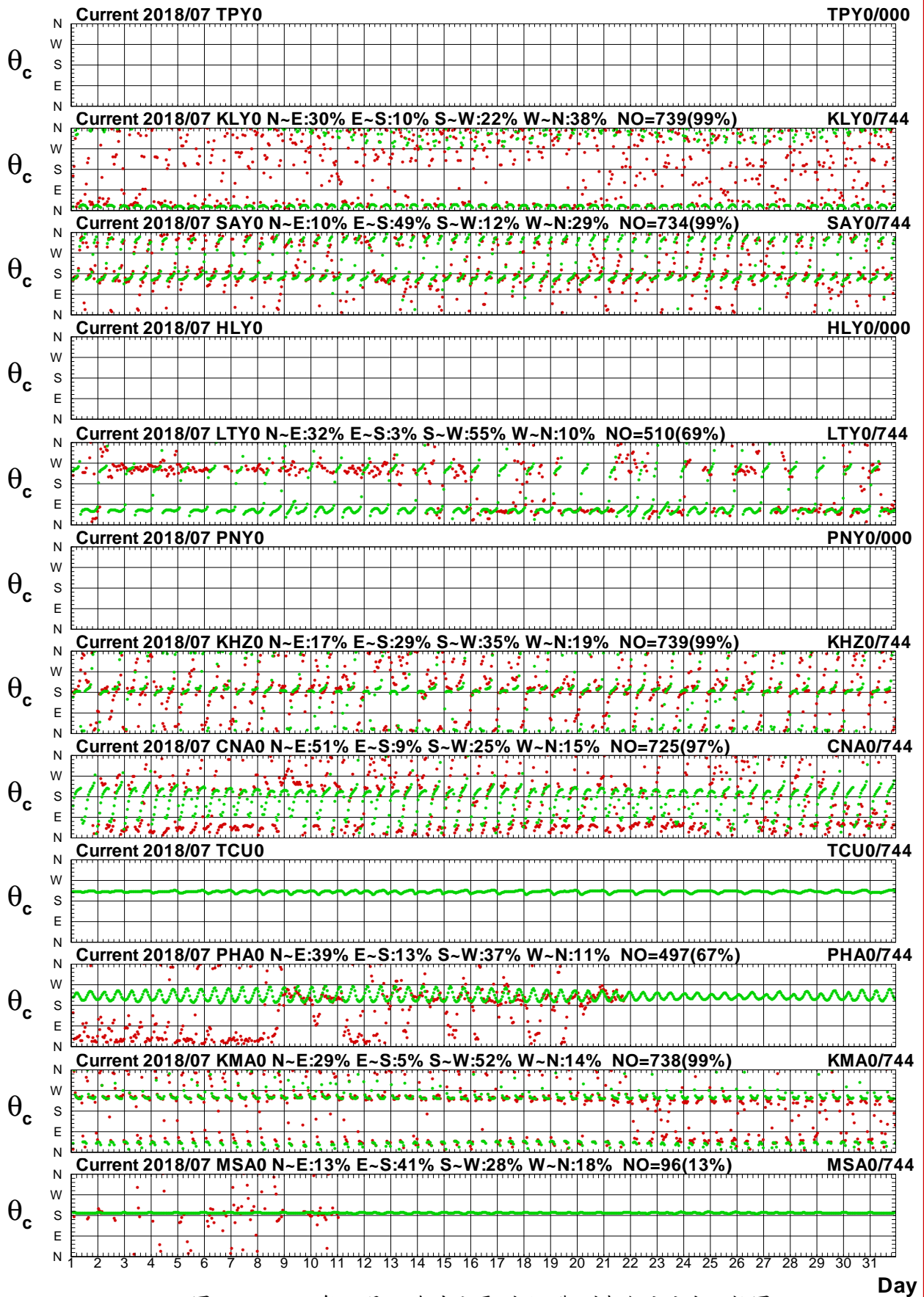


圖6.8b 2018年7月12海域主要測站2觀測與潮流流向比較圖

C187TPY0.1HD C187TPY0.1HD C187KLY0.1HD C187KLY0.1HD C187SAY0.1HD C187SAY0.1HD
 C187HLY0.1HD C187HLY0.1HD C187LTY0.1HD C187LTY0.1HD C187PNY0.1HD C187PNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/07

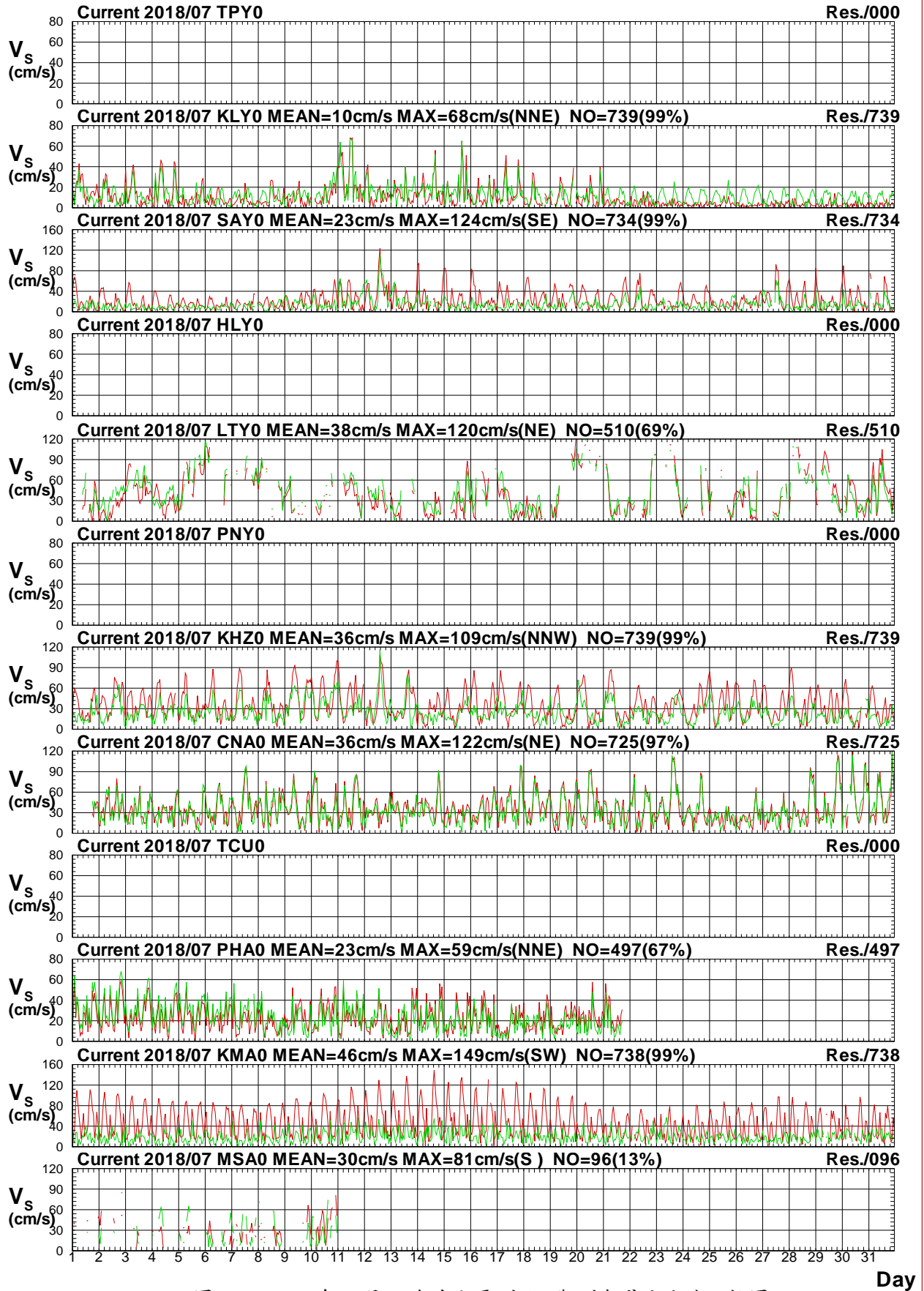


圖6.8c 2018年7月12海域主要測站2觀測與殘流流速比較圖

C187TPY0.1H0 C187TPY0.1HR C187KLY0.1H0 C187KLY0.1HR C187SAY0.1H0 C187SAY0.1HR
 C187HLY0.1H0 C187HLY0.1HR C187LTY0.1H0 C187LTY0.1HR C187PNY0.1H0 C187PNY0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/07

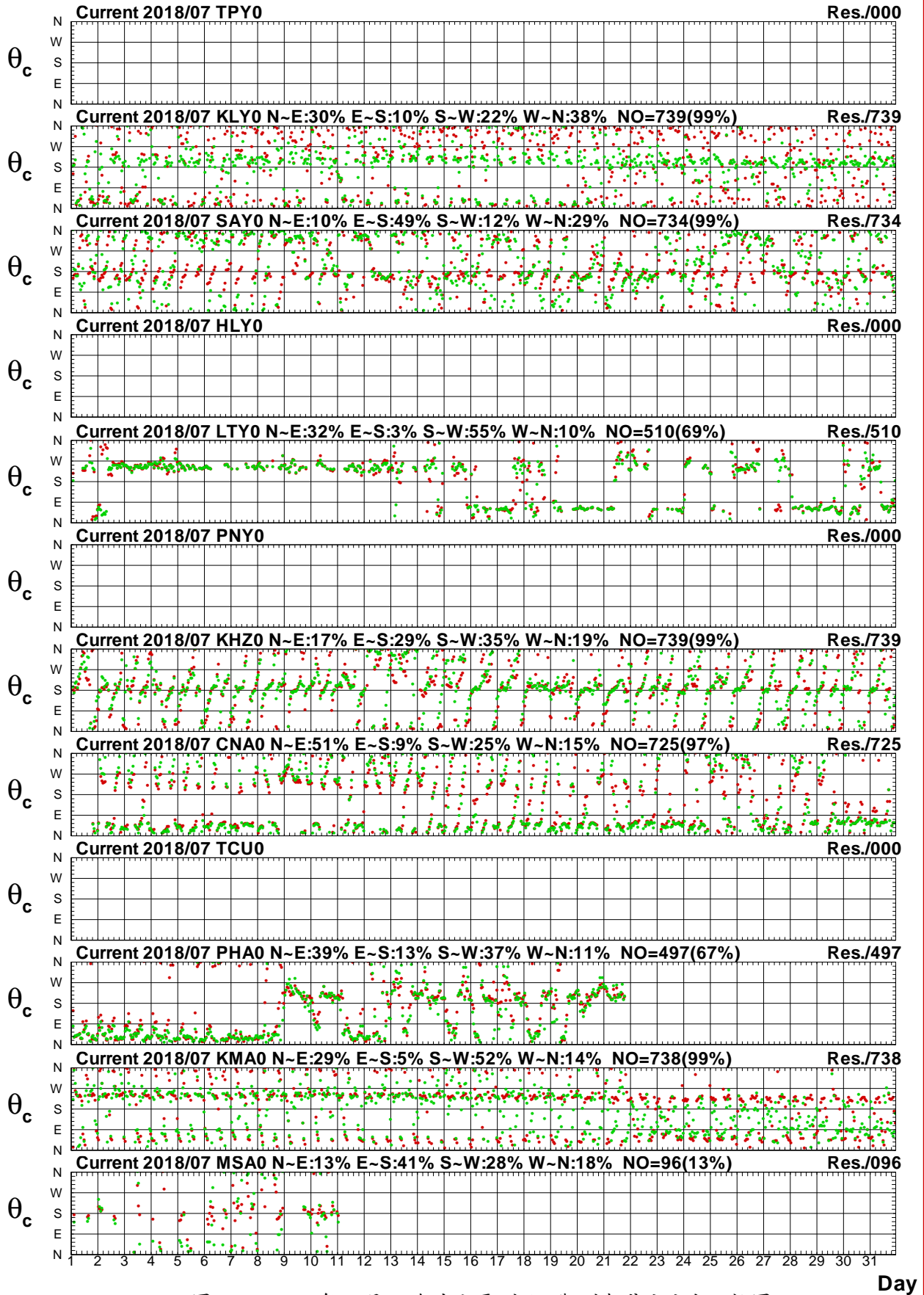


圖6.8d 2018年7月12海域主要測站2觀測與殘流流向比較圖

C187TPY0.1H0 C187TPY0.1HR C187KLY0.1H0 C187KLY0.1HR C187SAY0.1H0 C187SAY0.1HR
 C187HLY0.1H0 C187HLY0.1HR C187LTY0.1H0 C187LTY0.1HR C187PNY0.1H0 C187PNY0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/08

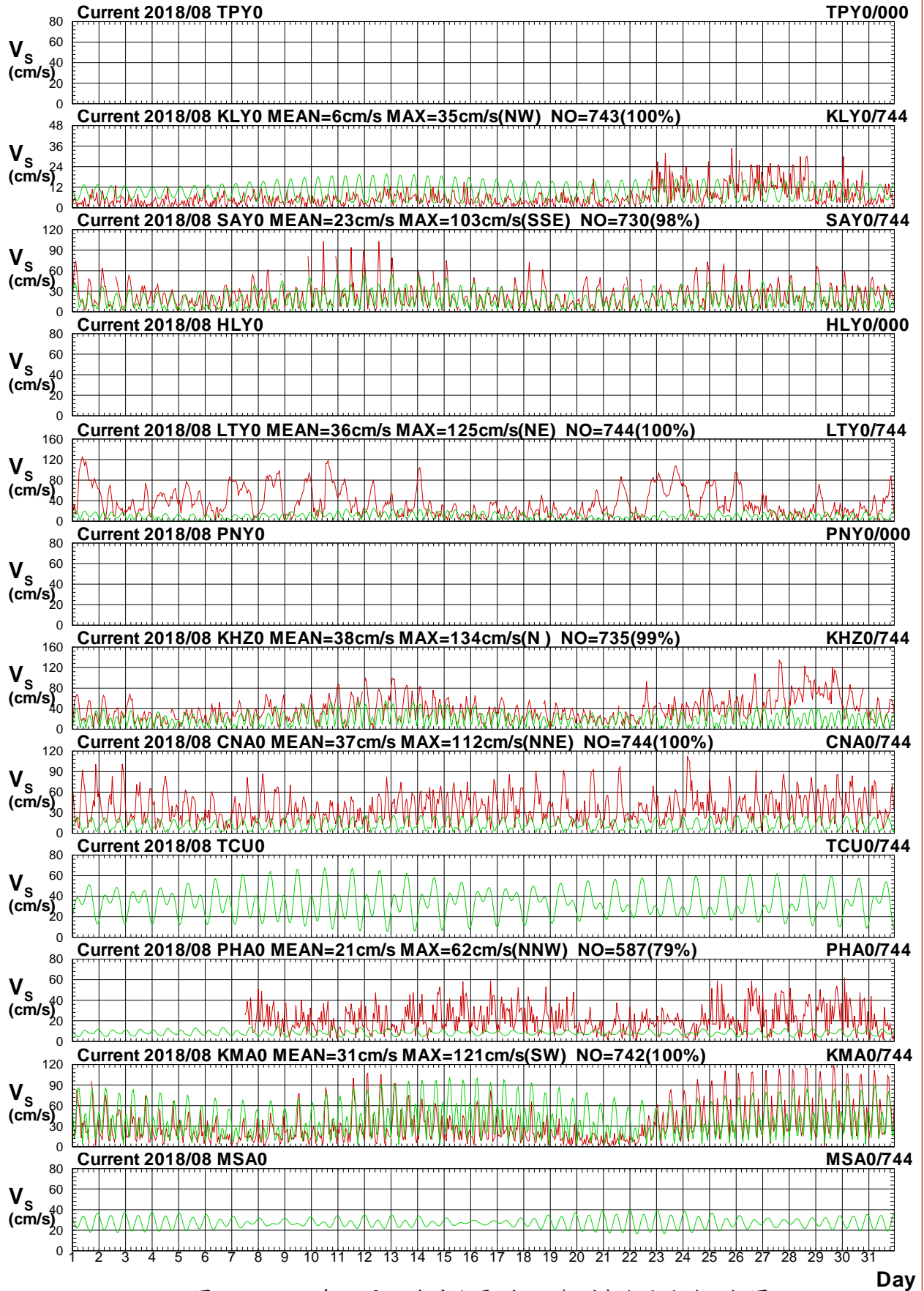


圖6.9a 2018年8月12海域主要測站2觀測與潮流流速比較圖

C188TPY0.1H0 C188TPY0.1HD C188KLY0.1H0 C188KLY0.1HD C188SAY0.1H0 C188SAY0.1HD
 C188HLY0.1H0 C188HLY0.1HD C188LTY0.1H0 C188LTY0.1HD C188PNY0.1H0 C188PNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/08

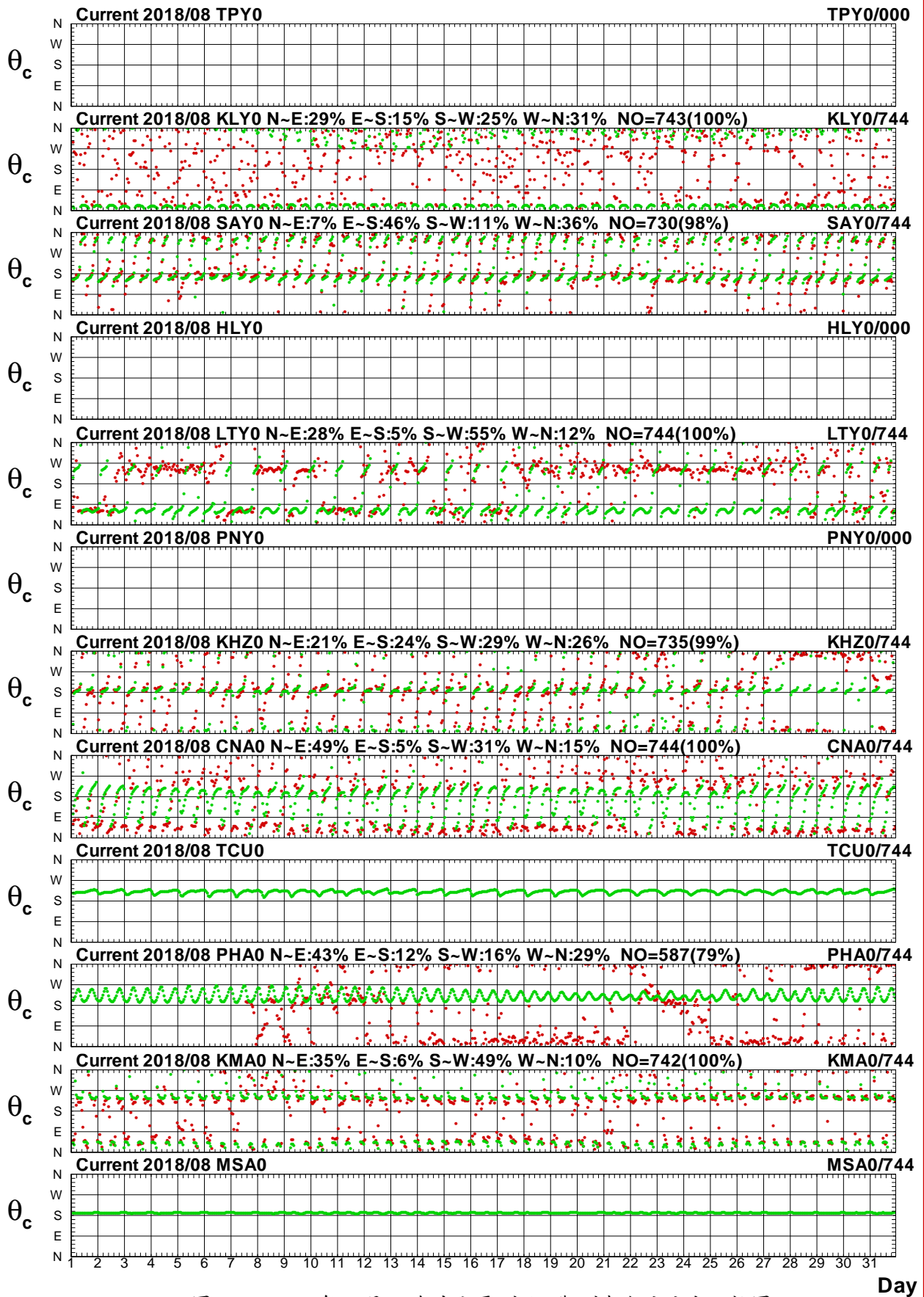


圖6.9b 2018年8月12海域主要測站2觀測與潮流流向比較圖

C188TPY0.1HD C188TPY0.1HD C188KLY0.1HD C188KLY0.1HD C188SAY0.1HD C188SAY0.1HD
 C188HLY0.1HD C188HLY0.1HD C188LTY0.1HD C188LTY0.1HD C188PNY0.1HD C188PNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/08

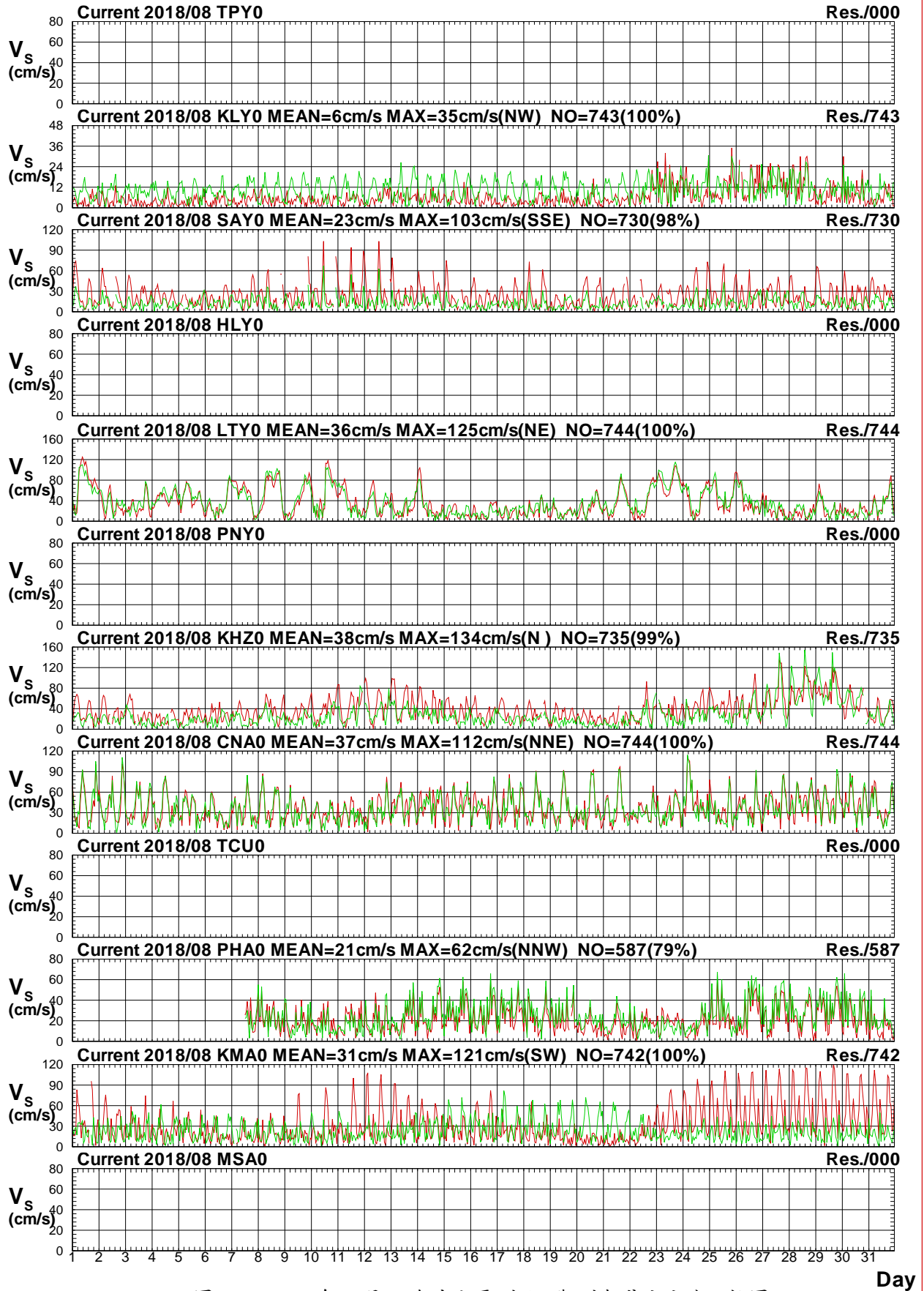


圖6.9c 2018年8月12海域主要測站2觀測與殘流流速比較圖

C188TPY0.1H0 C188TPY0.1HR C188KLY0.1H0 C188KLY0.1HR C188SAY0.1H0 C188SAY0.1HR
 C188HLY0.1H0 C188HLY0.1HR C188LTY0.1H0 C188LTY0.1HR C188PNY0.1H0 C188PNY0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/08

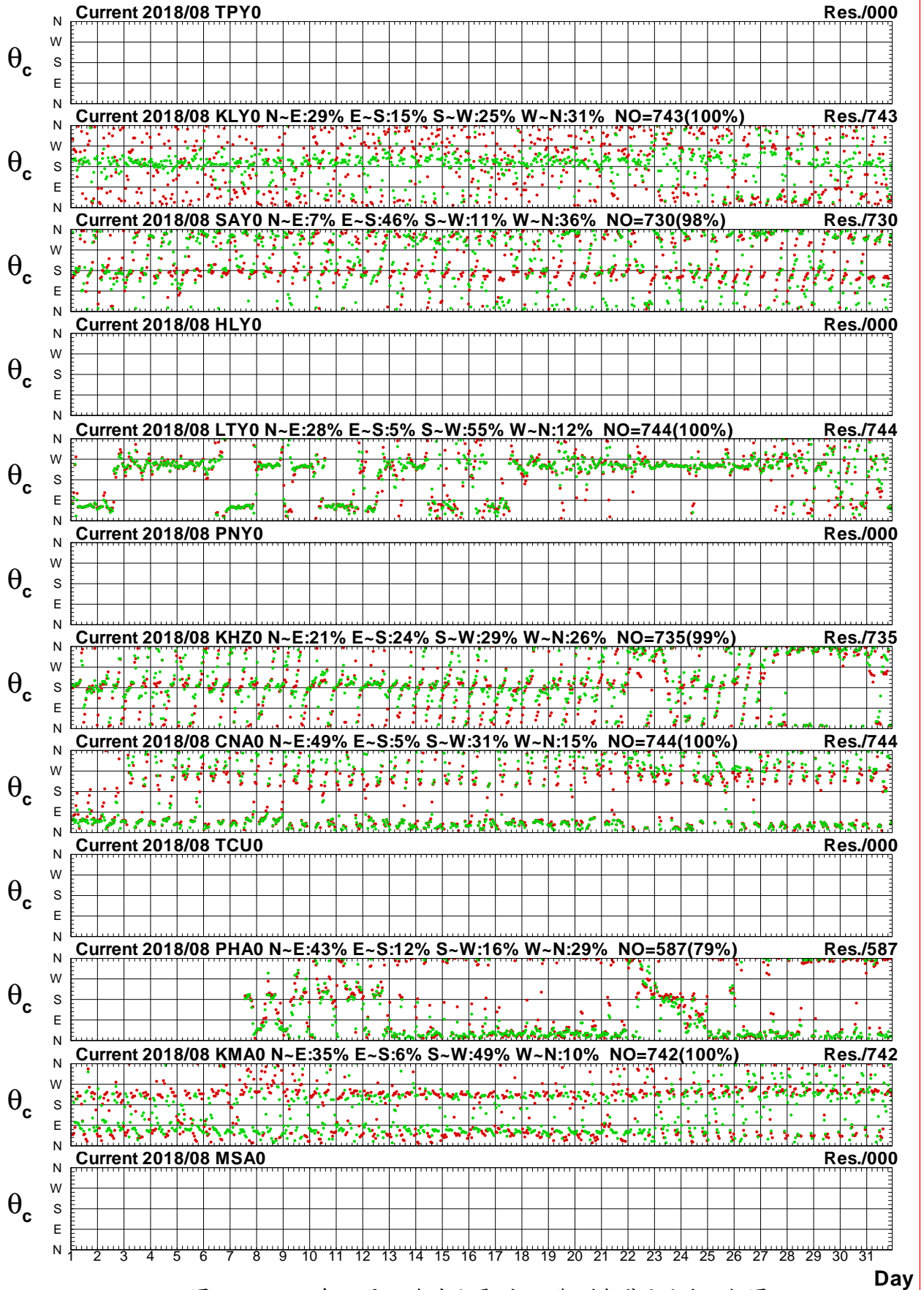


圖6.9d 2018年8月12海域主要測站2觀測與殘流流向比較圖

C188TPY0.1H0 C188TPY0.1HR C188KLY0.1H0 C188KLY0.1HR C188SAY0.1H0 C188SAY0.1HR
 C188HLY0.1H0 C188HLY0.1HR C188LTY0.1H0 C188LTY0.1HR C188PNY0.1H0 C188PNY0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/09

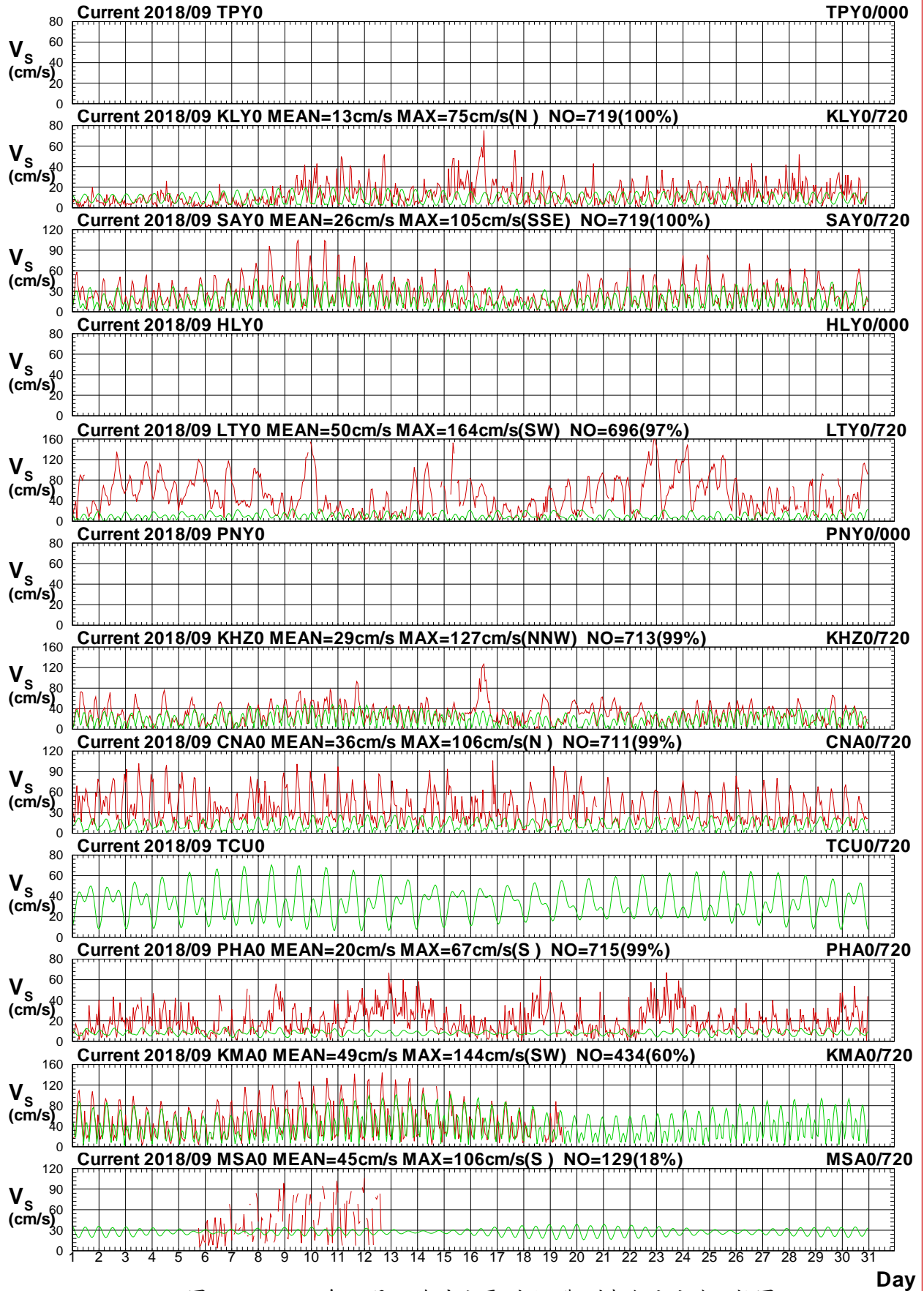


圖6.10a 2018年9月12海域主要測站2觀測與潮流流速比較圖

C189TPY0.1HD C189TPY0.1HD C189KLY0.1HD C189KLY0.1HD C189SAY0.1HD C189SAY0.1HD
 C189HLY0.1HD C189HLY0.1HD C189LTY0.1HD C189LTY0.1HD C189PNY0.1HD C189PNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/09

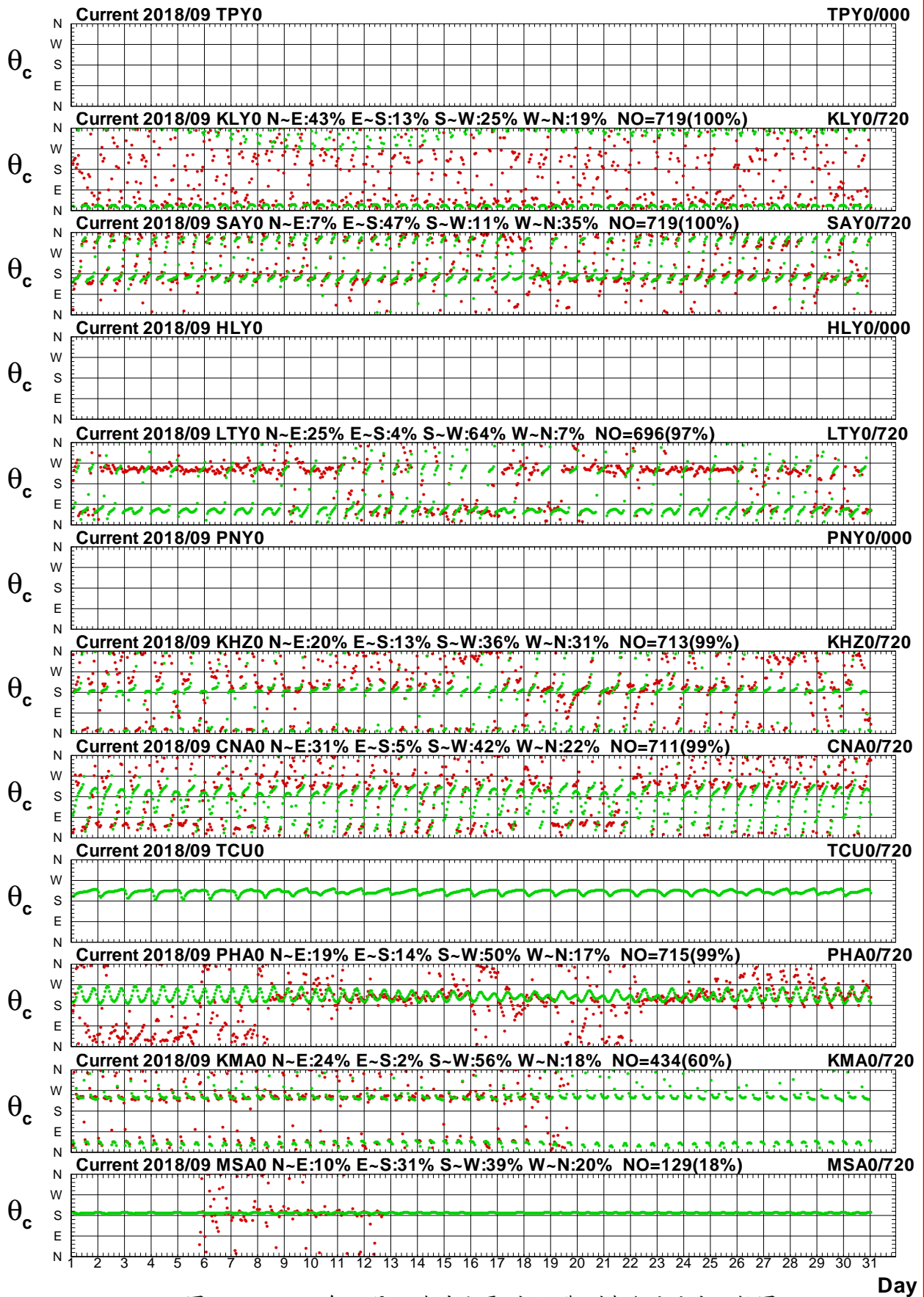


圖6.10b 2018年9月12海域主要測站2觀測與潮流流向比較圖

C189TPY0.1HD C189TPY0.1HD C189KLY0.1HD C189KLY0.1HD C189SAY0.1HD C189SAY0.1HD
 C189HLY0.1HD C189HLY0.1HD C189LTY0.1HD C189LTY0.1HD C189PNY0.1HD C189PNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/09

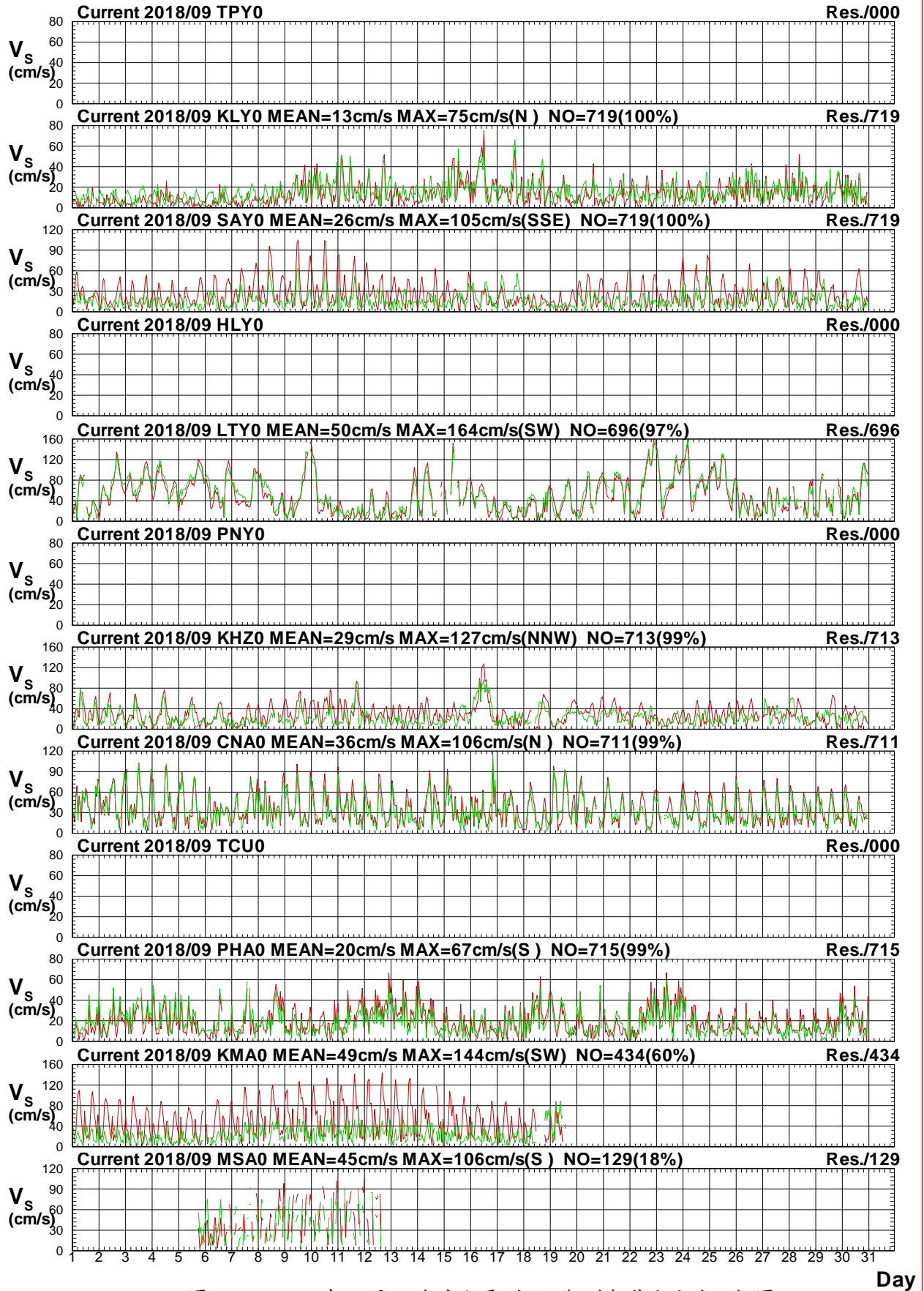


圖6.10c 2018年9月12海域主要測站2觀測與殘流流速比較圖

C189TPY0.1H0 C189TPY0.1HR C189KLY0.1H0 C189KLY0.1HR C189SAY0.1H0 C189SAY0.1HR
 C189HLY0.1H0 C189HLY0.1HR C189LTY0.1H0 C189LTY0.1HR C189PNY0.1H0 C189PNY0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/09

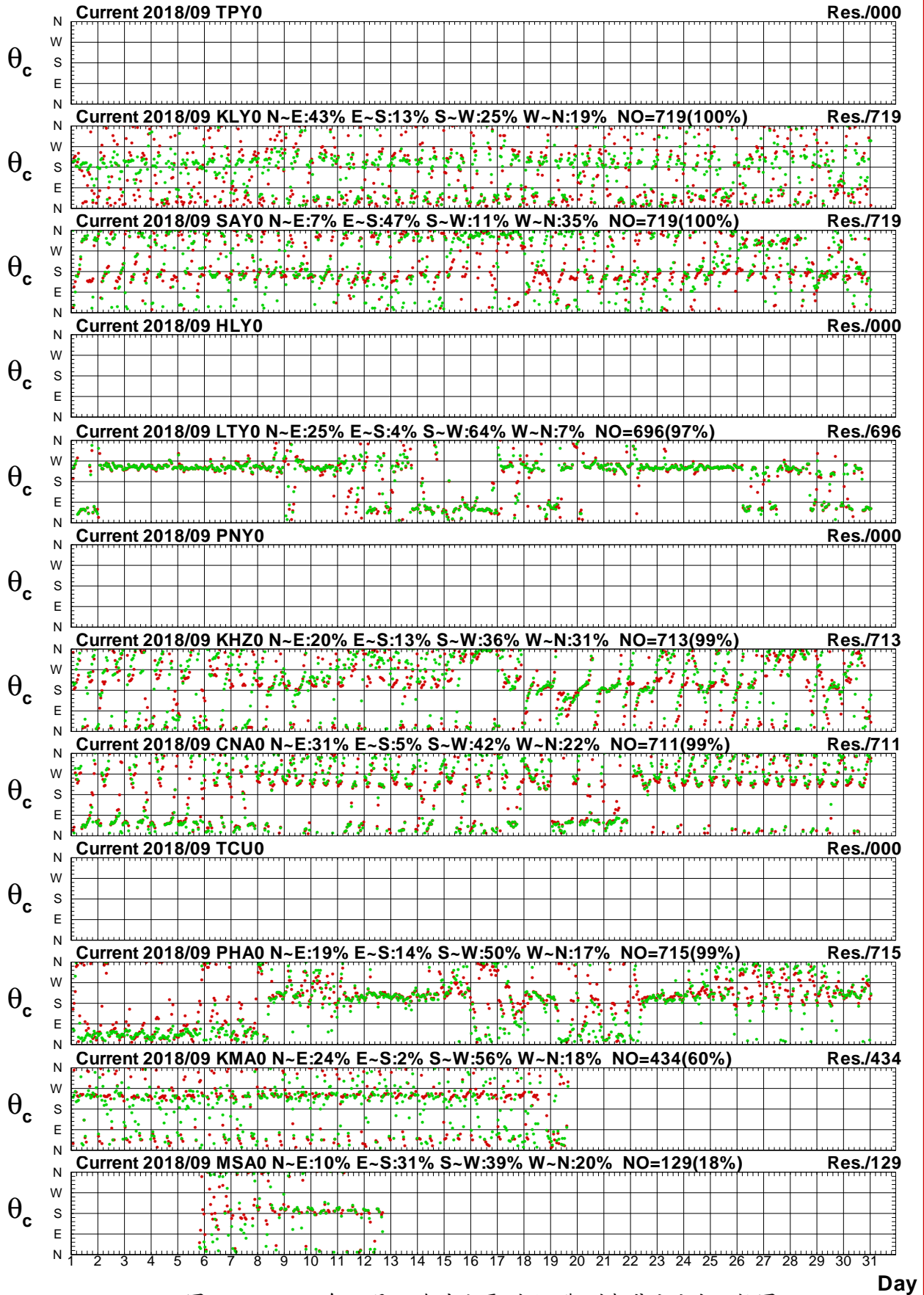


圖6.10d 2018年9月12海域主要測站2觀測與殘流流向比較圖

C189TPY0.1H0 C189TPY0.1HR C189KLY0.1H0 C189KLY0.1HR C189SAY0.1H0 C189SAY0.1HR
 C189HLY0.1H0 C189HLY0.1HR C189LTY0.1H0 C189LTY0.1HR C189PNY0.1H0 C189PNY0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/10

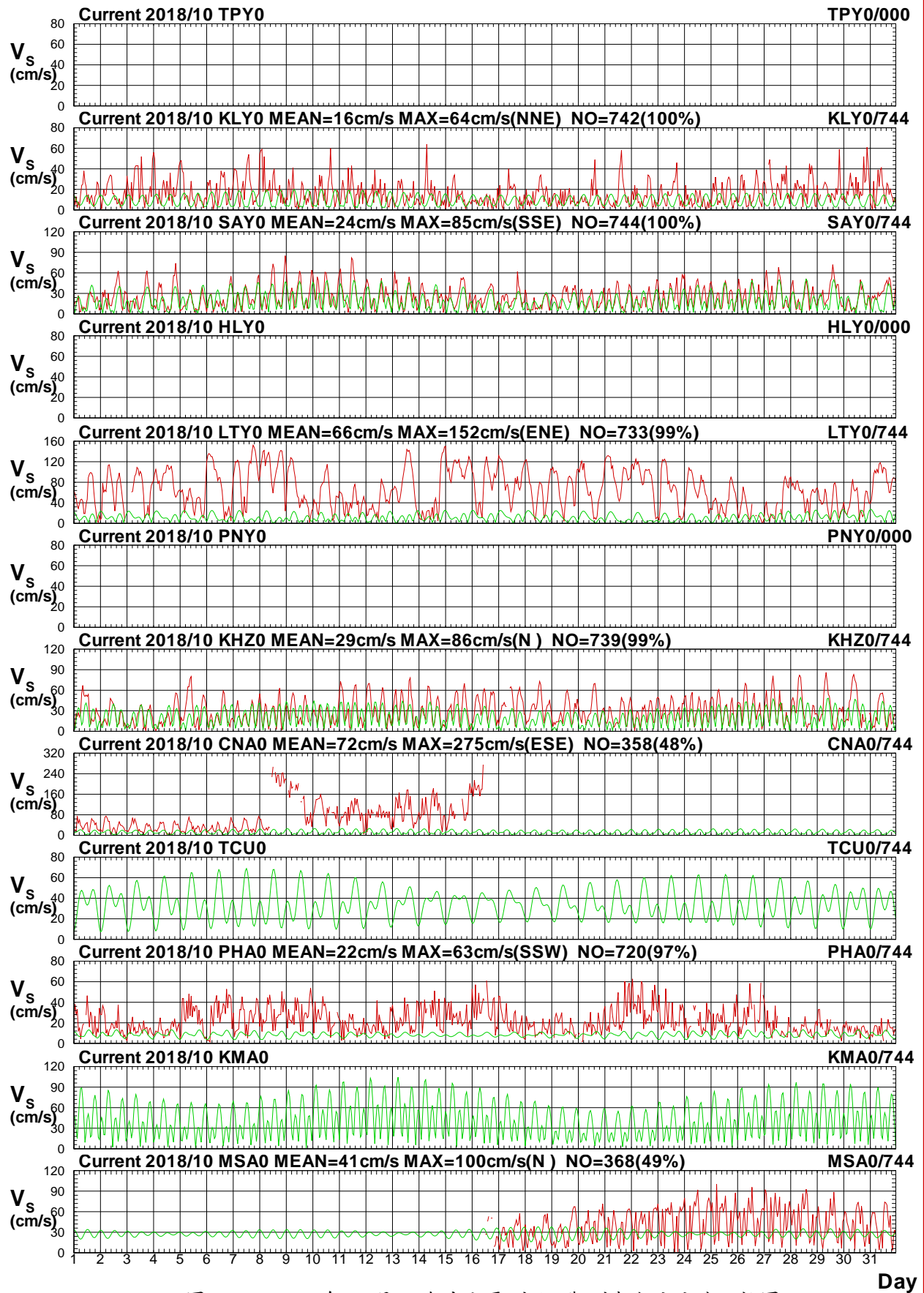


圖6.11a 2018年10月12海域主要測站2觀測與潮流流速比較圖

C18ATPY0.1H0 C18ATPY0.1HD C18AKLY0.1H0 C18AKLY0.1HD C18ASAY0.1H0 C18ASAY0.1HD
 C18AHL0.1H0 C18AHL0.1HD C18ALTY0.1H0 C18ALTY0.1HD C18APNY0.1H0 C18APNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/10

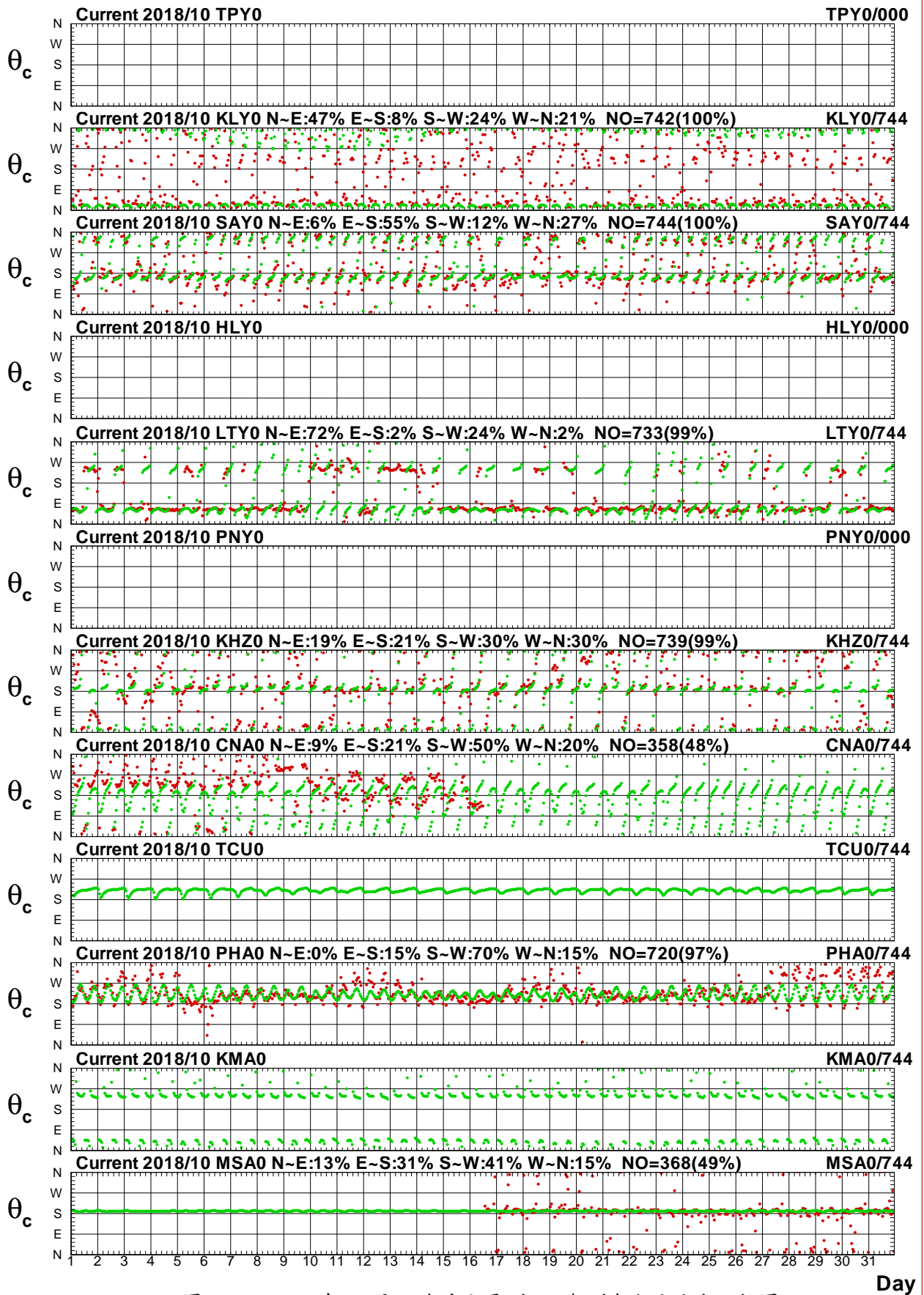


圖6.11b 2018年10月12海域主要測站2觀測與潮流流向比較圖

C18ATPY0.1H0 C18ATPY0.1HD C18AKLY0.1H0 C18AKLY0.1HD C18ASAY0.1H0 C18ASAY0.1HD
 C18AHLY0.1H0 C18AHLY0.1HD C18ALTY0.1H0 C18ALTY0.1HD C18APNY0.1H0 C18APNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/10

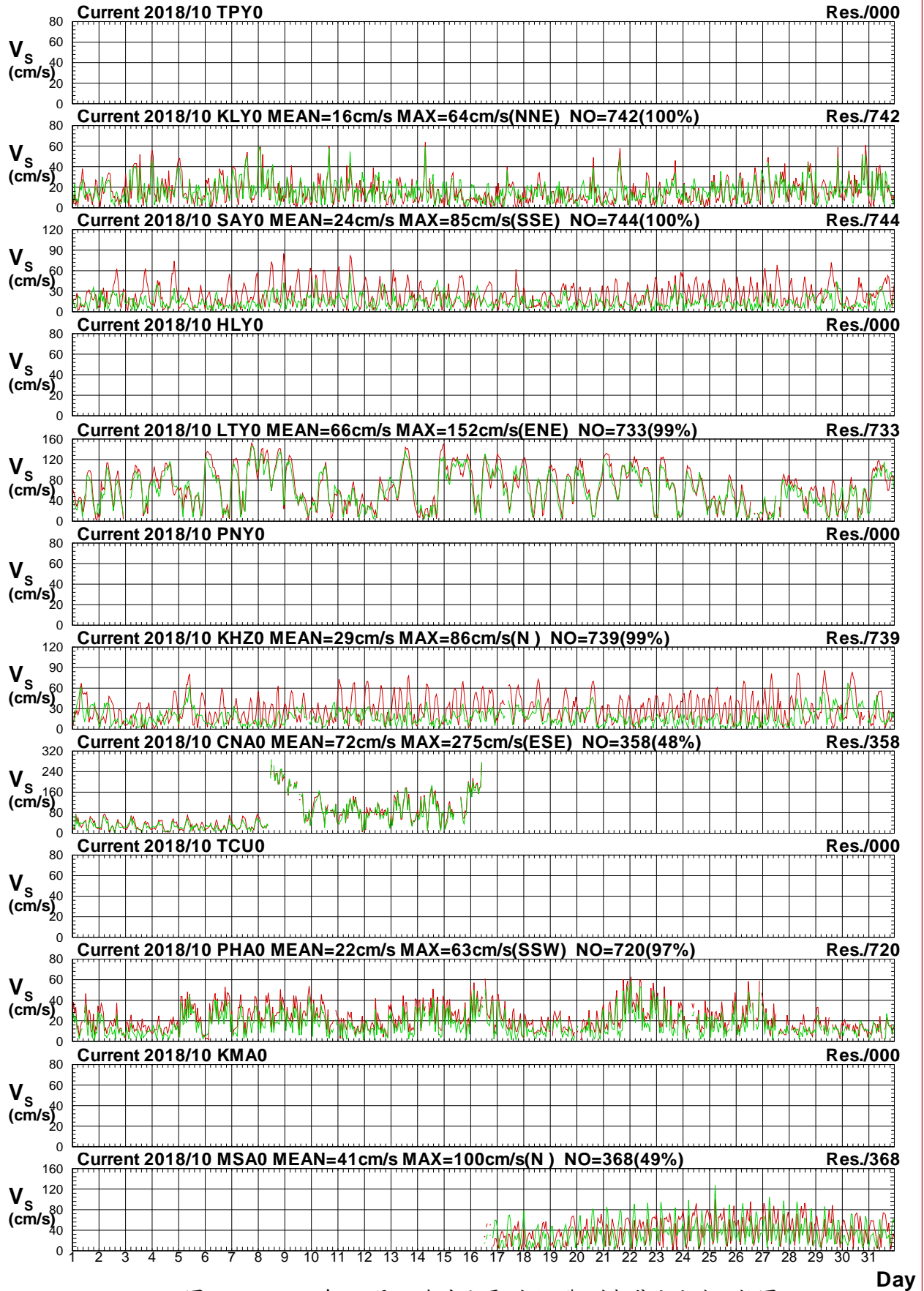


圖6.11c 2018年10月12海域主要測站2觀測與殘流流速比較圖

C18ATPY0.1H0 C18ATPY0.1HR C18AKLY0.1H0 C18AKLY0.1HR C18ASAY0.1H0 C18ASAY0.1HR
 C18AHL0.1H0 C18AHL0.1HR C18ALTY0.1H0 C18ALTY0.1HR C18APNY0.1H0 C18APNY0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/10

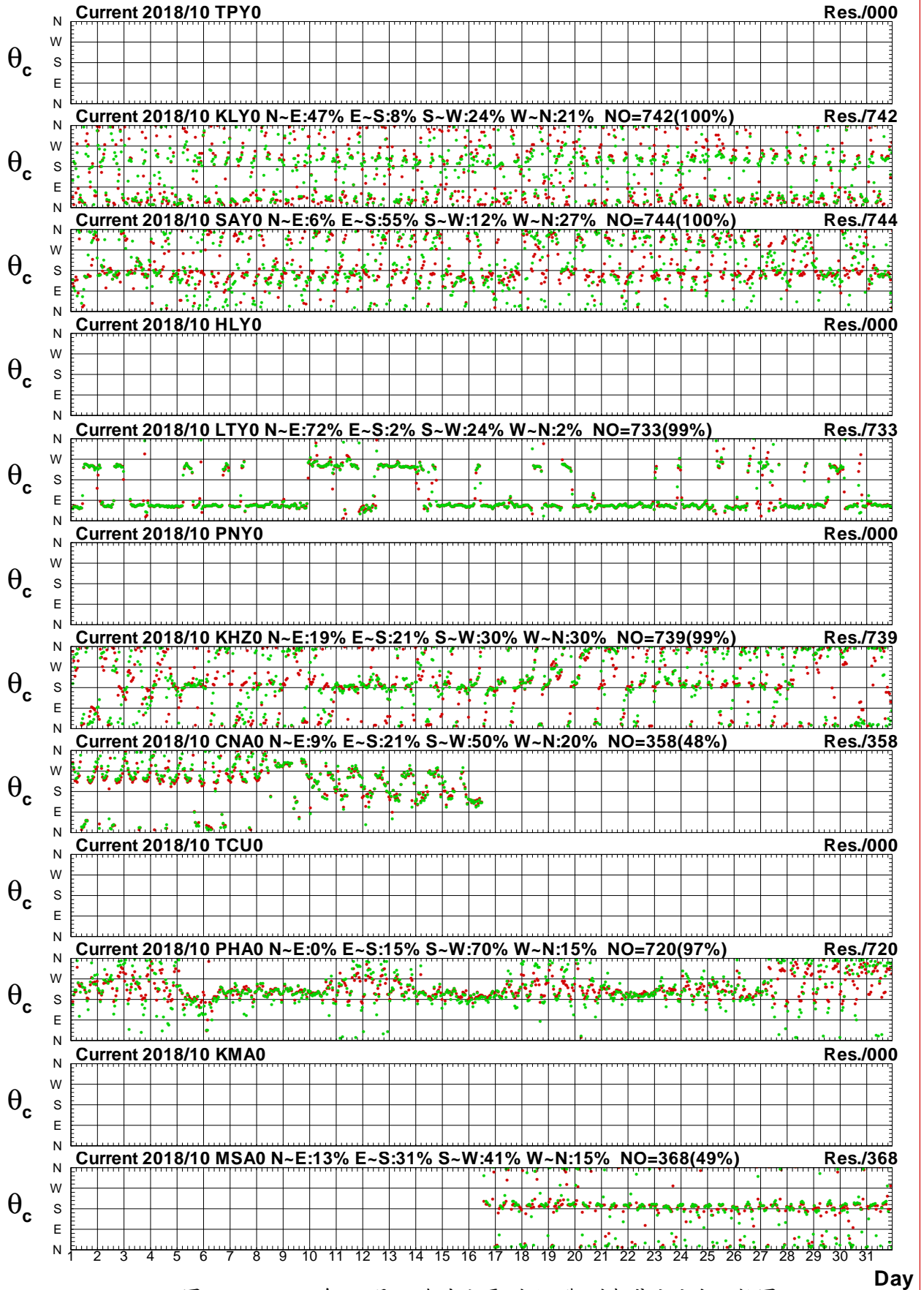


圖6.11d 2018年10月12海域主要測站2觀測與殘流流向比較圖

C18ATPY0.1H0 C18ATPY0.1HR C18AKLY0.1H0 C18AKLY0.1HR C18ASAY0.1H0 C18ASAY0.1HR
 C18AHL0.1H0 C18AHL0.1HR C18ALTY0.1H0 C18ALTY0.1HR C18APNY0.1H0 C18APNY0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/11

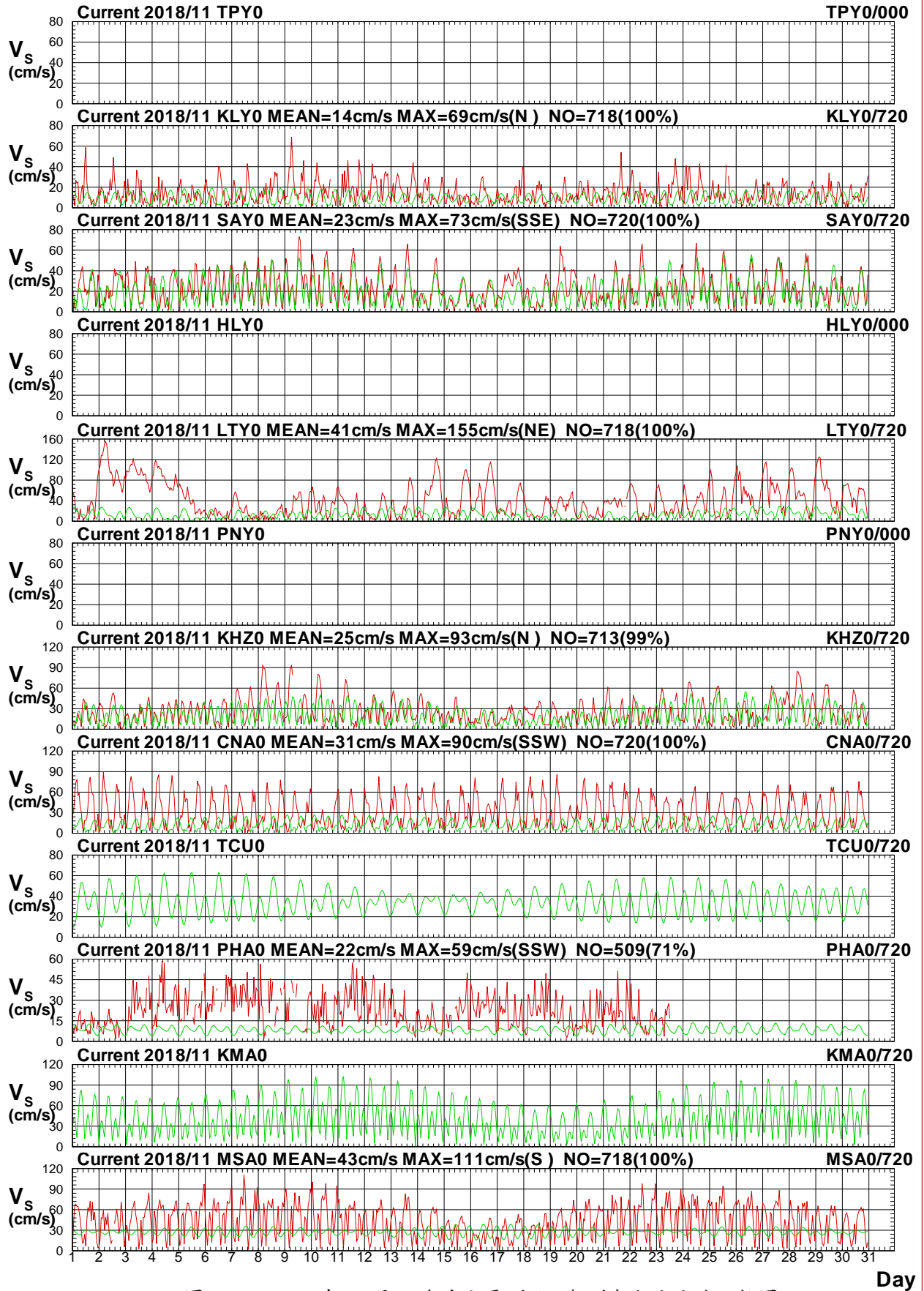


圖6.12a 2018年11月12海域主要測站2觀測與潮流流速比較圖

C18BTPY0.1H0 C18BTPY0.1HD C18BKLY0.1H0 C18BKLY0.1HD C18BSAY0.1H0 C18BSAY0.1HD
 C18BHLY0.1H0 C18BHLY0.1HD C18BLTY0.1H0 C18BLTY0.1HD C18BPNY0.1H0 C18BPNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/11

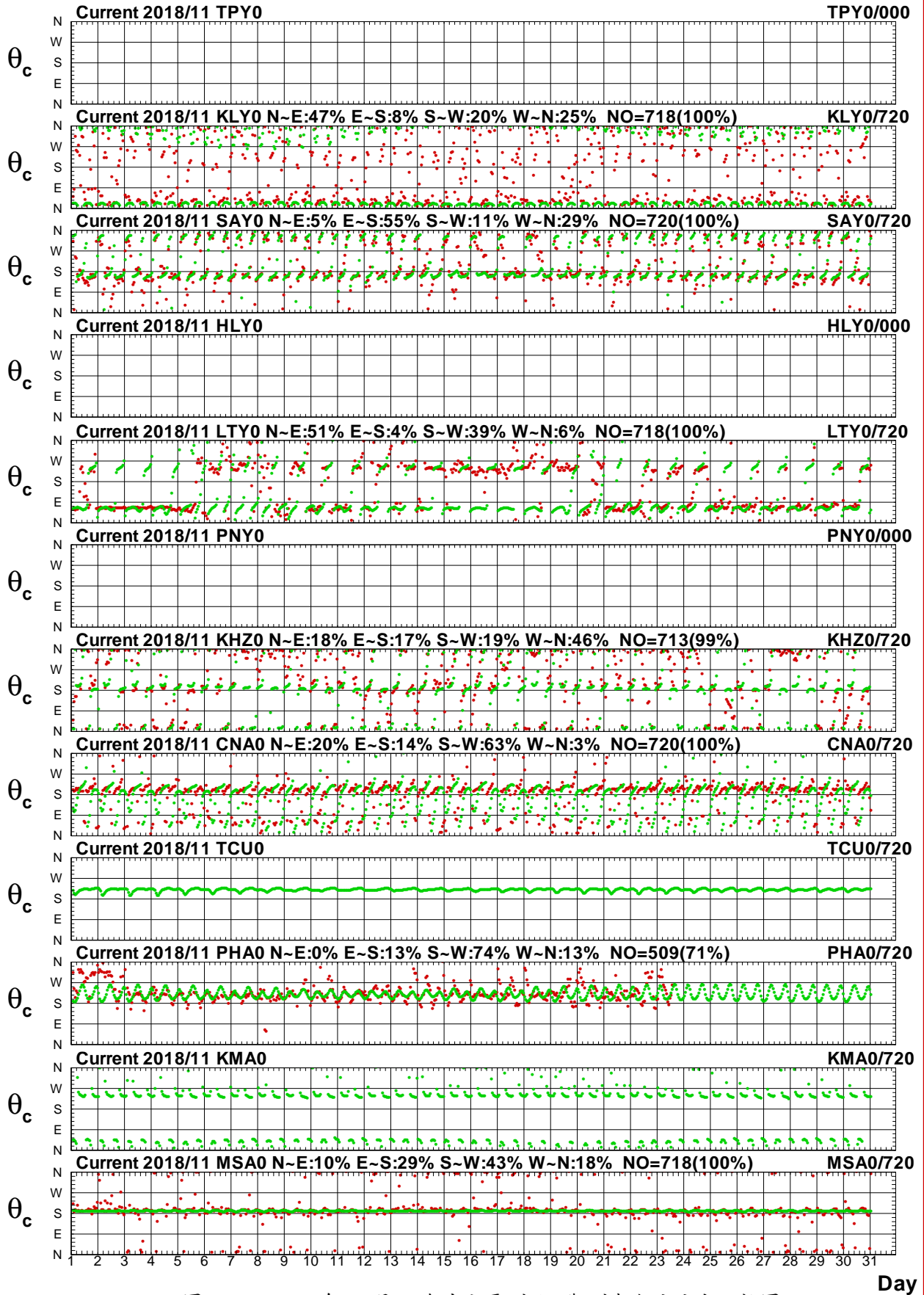


圖6.12b 2018年11月12海域主要測站2觀測與潮流流向比較圖

C18BTPY0.1HO C18BTPY0.1HD C18BKLY0.1HO C18BKLY0.1HD C18BSAY0.1HO C18BSAY0.1HD
 C18BHLY0.1HO C18BHLY0.1HD C18BLTY0.1HO C18BLTY0.1HD C18BPNY0.1HO C18BPNY0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/11

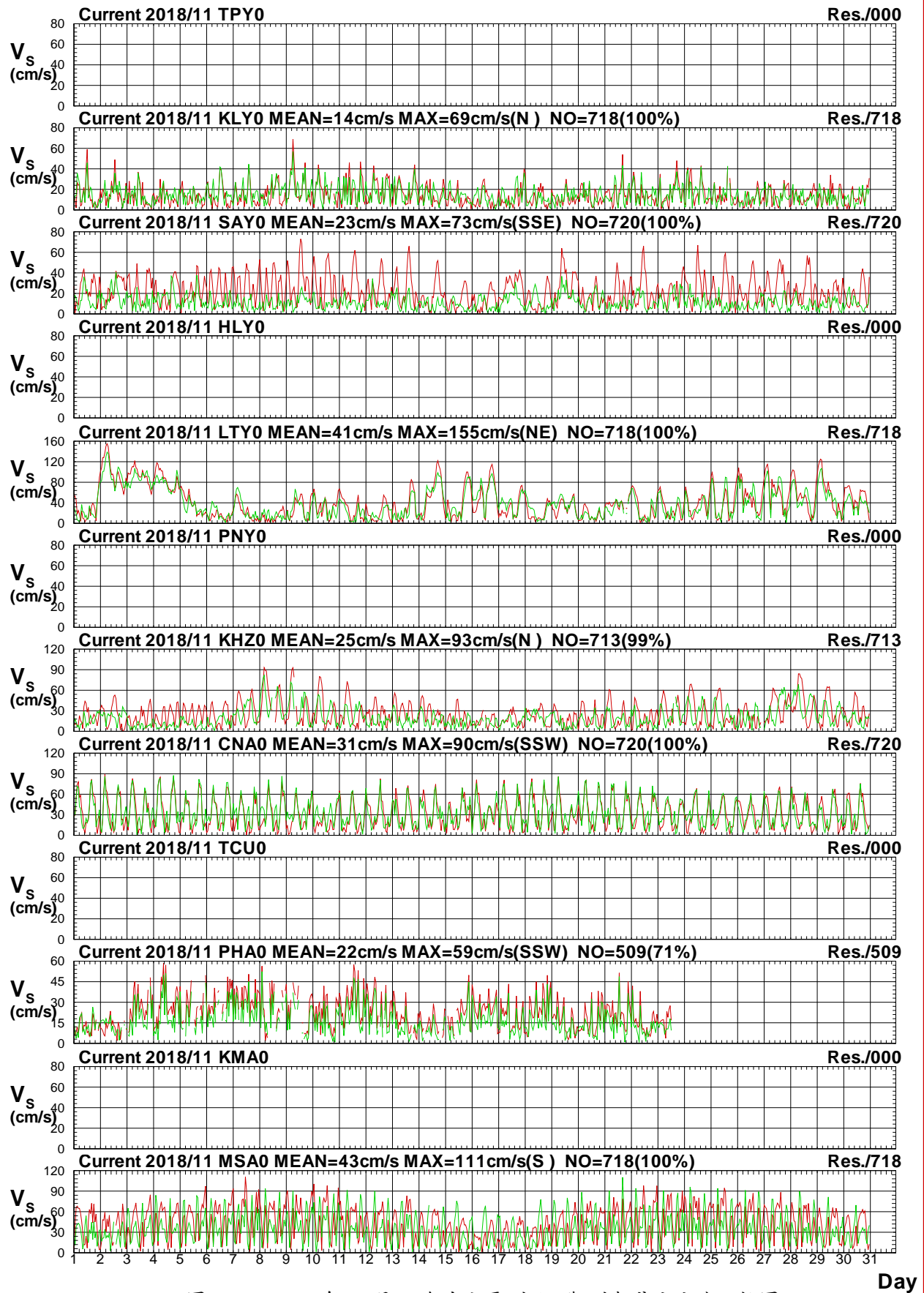


圖6.12c 2018年11月12海域主要測站2觀測與殘流流速比較圖

C18BTPY0.1H0 C18BTPY0.1HR C18BKLY0.1H0 C18BKLY0.1HR C18BSAY0.1H0 C18BSAY0.1HR
 C18BHLY0.1H0 C18BHLY0.1HR C18BLTY0.1H0 C18BLTY0.1HR C18BPNY0.1H0 C18BPNY0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/11

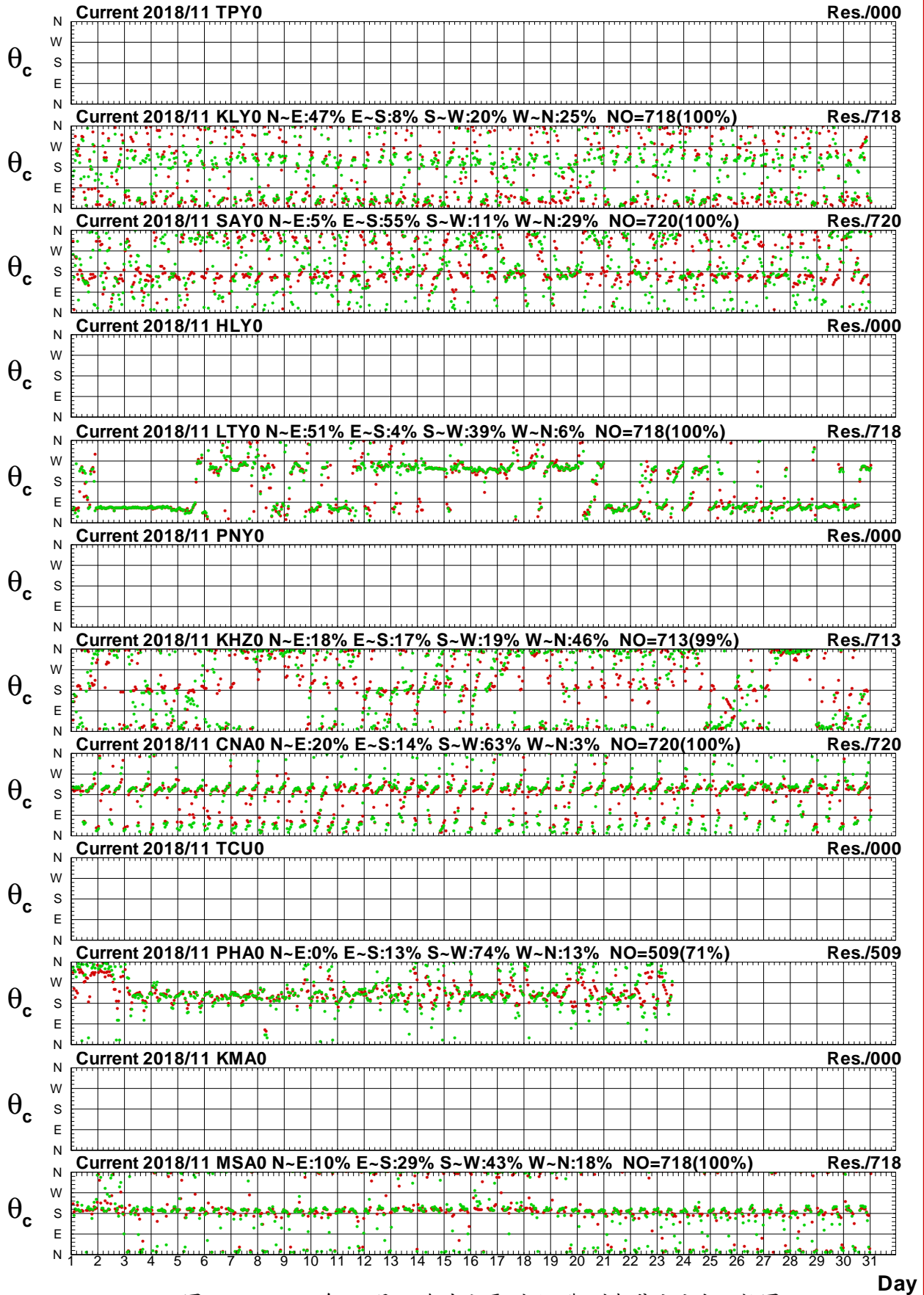


圖6.12d 2018年11月12海域主要測站2觀測與殘流流向比較圖

C18BTPY0.1HO C18BTPY0.1HR C18BKLY0.1HO C18BKLY0.1HR C18BSAY0.1HO C18BSAY0.1HR
 C18BHLY0.1HO C18BHLY0.1HR C18BLTY0.1HO C18BLTY0.1HR C18BPNY0.1HO C18BPNY0.1HR

Institute of Harbor & Marine Technology

第七章 2018 年 12 海域海流主要觀測站 2 每月向量圖

(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 Current Vectors

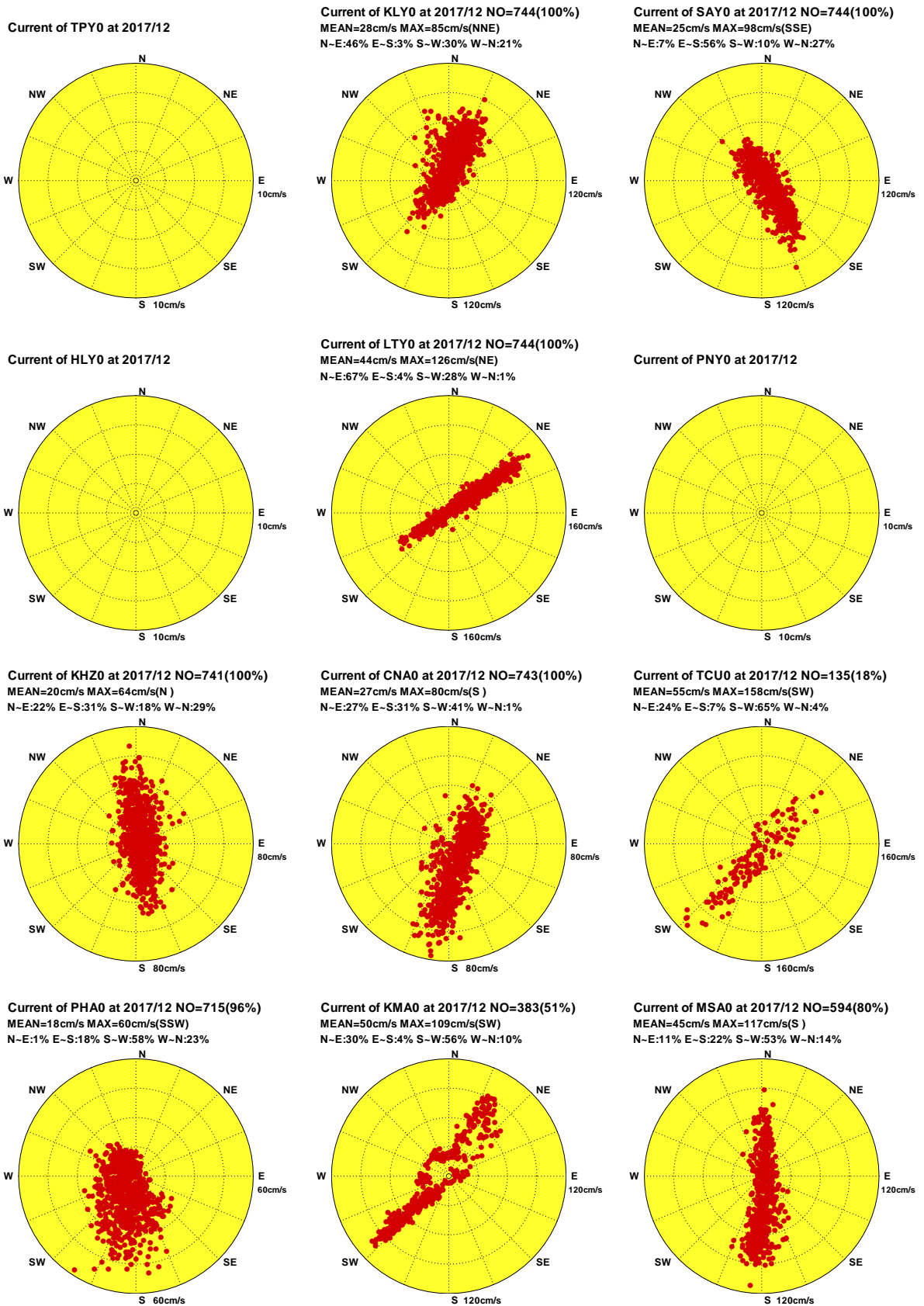


圖7.1a 2018年12月12海域主要測站2觀測海流向量分佈圖

C17CTPY0.1H0 C17CKLY0.1H0 C17CSAY0.1H0 C17CHLY0.1H0 C17CLTY0.1H0 C17CPNY0.1H0
 C17CKHZ0.1H0 C17CCNA0.1H0 C17CTCU0.1H0 C17CPHA0.1H0 C17CKMA0.1H0 C17CMSA0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

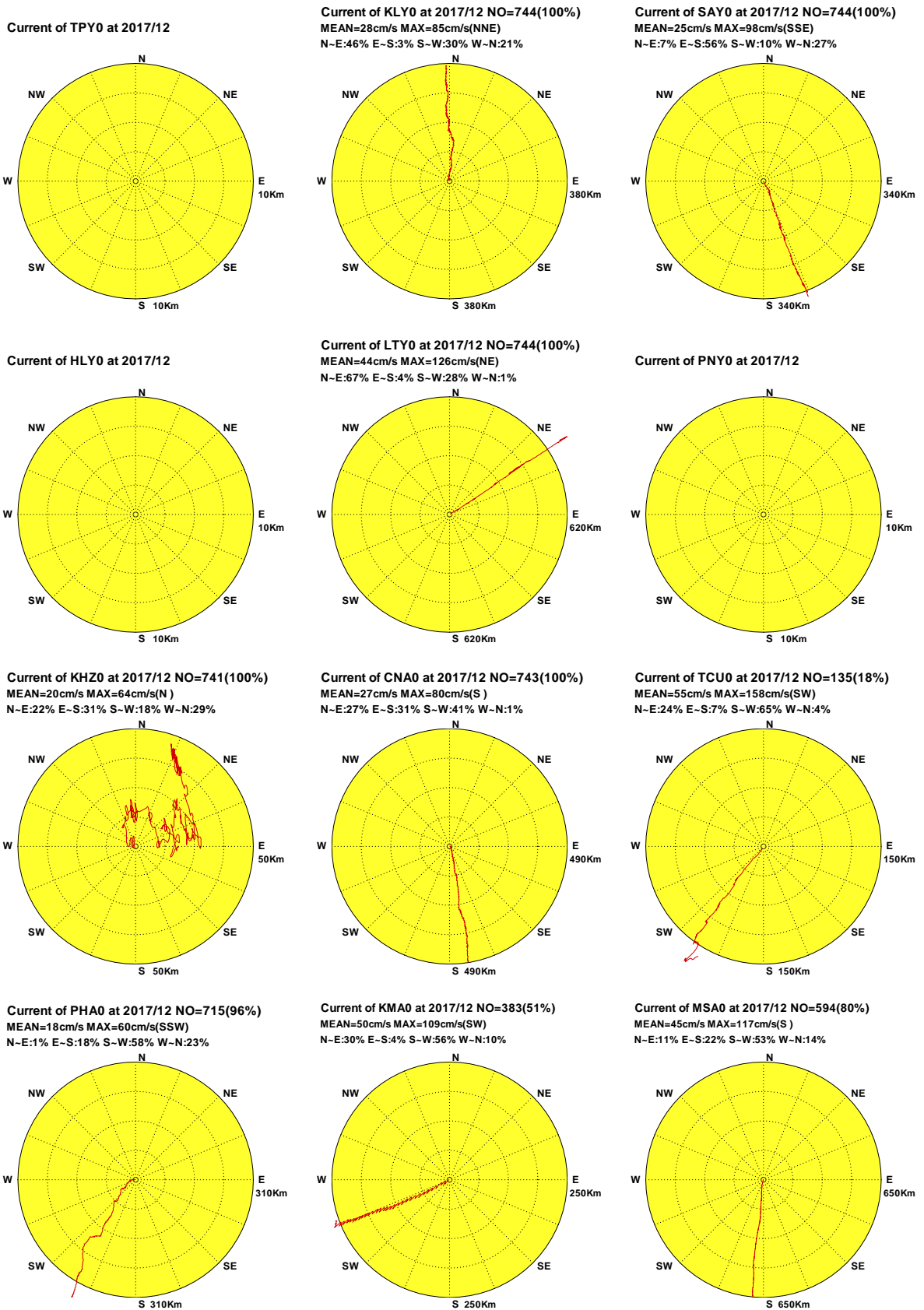


圖7.1b 2018年12月12海域主要測站2觀測海流向量行進圖

C17CTPY0.1H0 C17CKLY0.1H0 C17CSAY0.1H0 C17CHLY0.1H0 C17CLTY0.1H0 C17CPNY0.1H0
 C17CKHZ0.1H0 C17CCNA0.1H0 C17CTCU0.1H0 C17CPHA0.1H0 C17CKMA0.1H0 C17CMSA0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

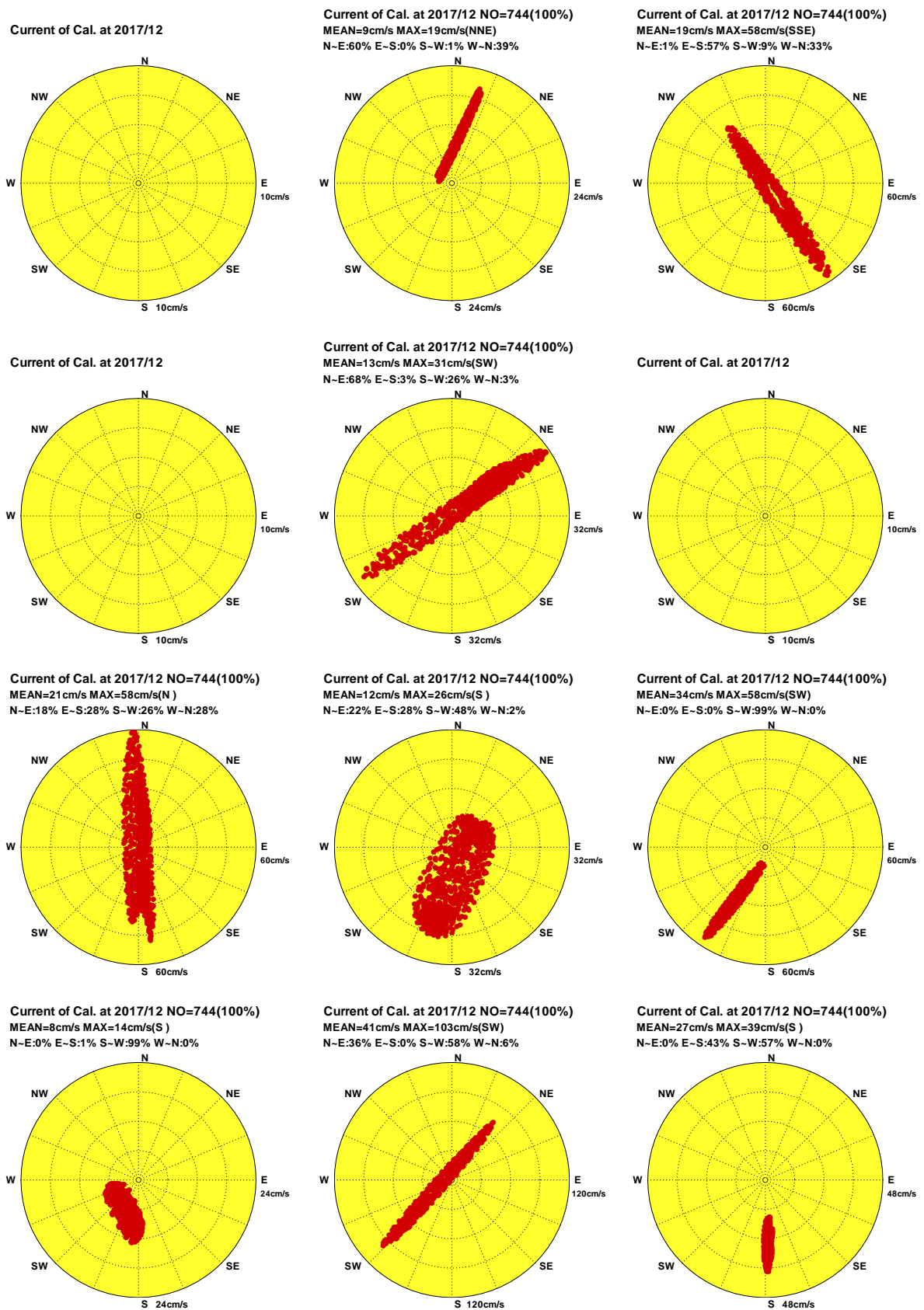


圖7.1c 2018年12月12海域主要測站2計算潮流向量分佈圖

C17CTPY0.1HD C17CKLY0.1HD C17CSAY0.1HD C17CHLY0.1HD C17CLTY0.1HD C17CPNY0.1HD
C17CKHZ0.1HD C17CCNA0.1HD C17CTCU0.1HD C17CPHA0.1HD C17CKMA0.1HD C17CMSA0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

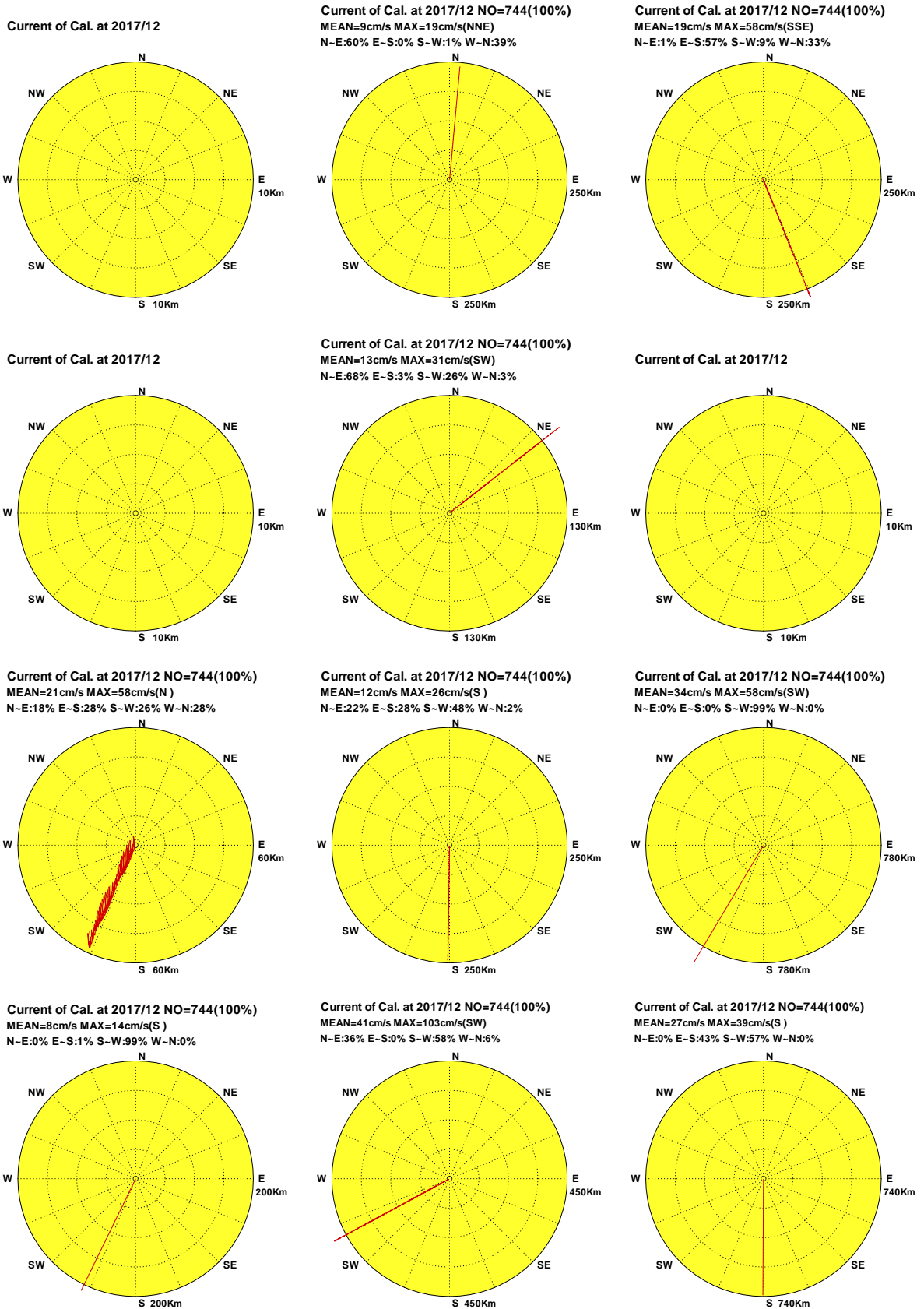


圖7.1d 2018年12月12海域主要測站2計算潮流向量行進圖

C17CTPY0.1HD C17CKLY0.1HD C17CSAY0.1HD C17CHLY0.1HD C17CLTY0.1HD C17CPNY0.1HD
 C17CKHZ0.1HD C17CCNA0.1HD C17CTCU0.1HD C17CPHA0.1HD C17CKMA0.1HD C17CMSA0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

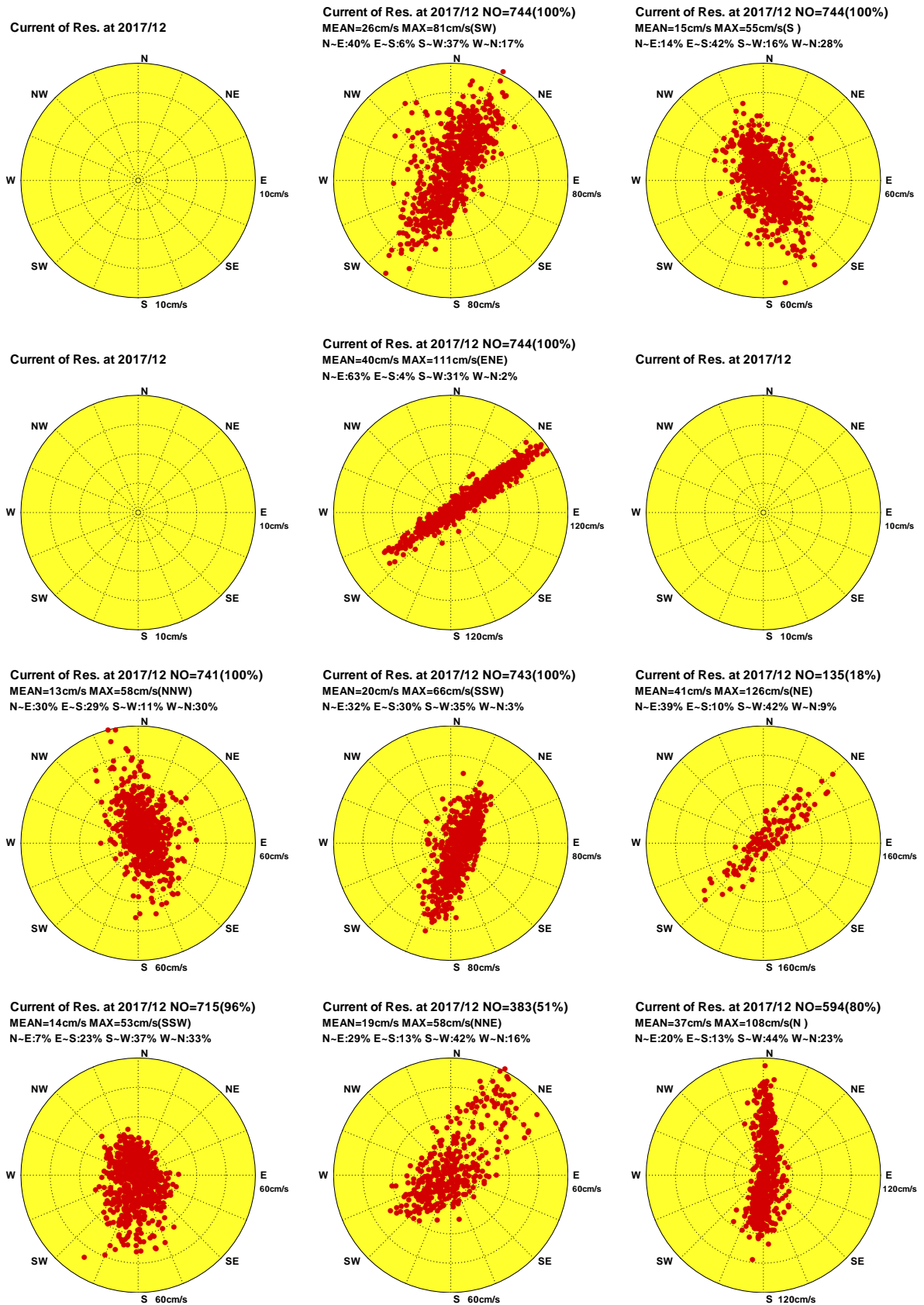


圖7.1e 2018年12月12海域主要測站2計算殘流向量分佈圖

C17CTPY0.1HR C17CKLY0.1HR C17CSAY0.1HR C17CHLY0.1HR C17CLTY0.1HR C17CPNY0.1HR
 C17CKHZ0.1HR C17CCNA0.1HR C17CTCU0.1HR C17CPHA0.1HR C17CKMA0.1HR C17CMSA0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

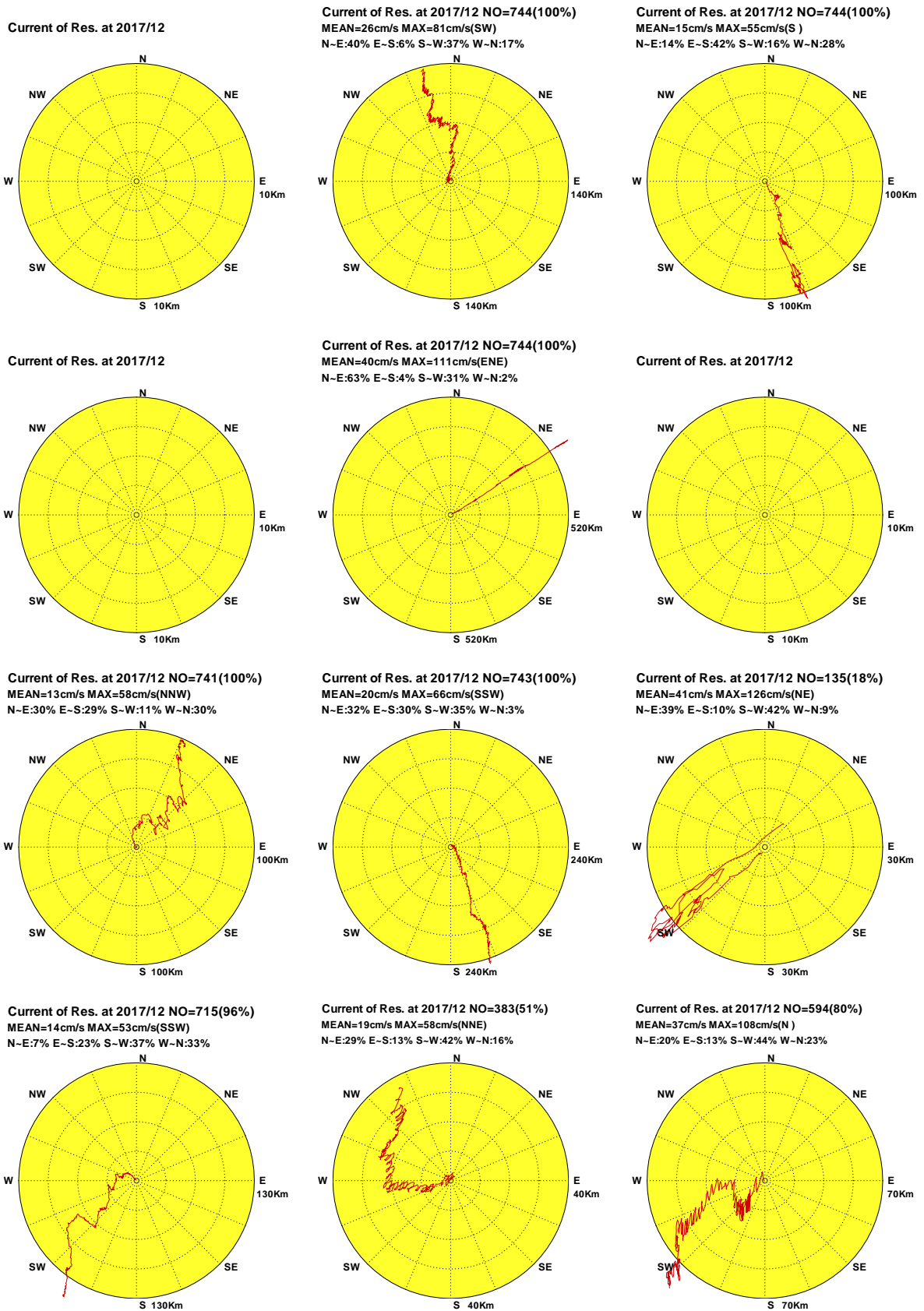


圖7.1f 2018年12月12海域主要測站2計算殘流向量行進圖

C17CTPY0.1HR C17CKLY0.1HR C17CSAY0.1HR C17CHLY0.1HR C17CLTY0.1HR C17CPNY0.1HR
 C17CKHZ0.1HR C17CCNA0.1HR C17CTCU0.1HR C17CPHA0.1HR C17CKMA0.1HR C17CMSA0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

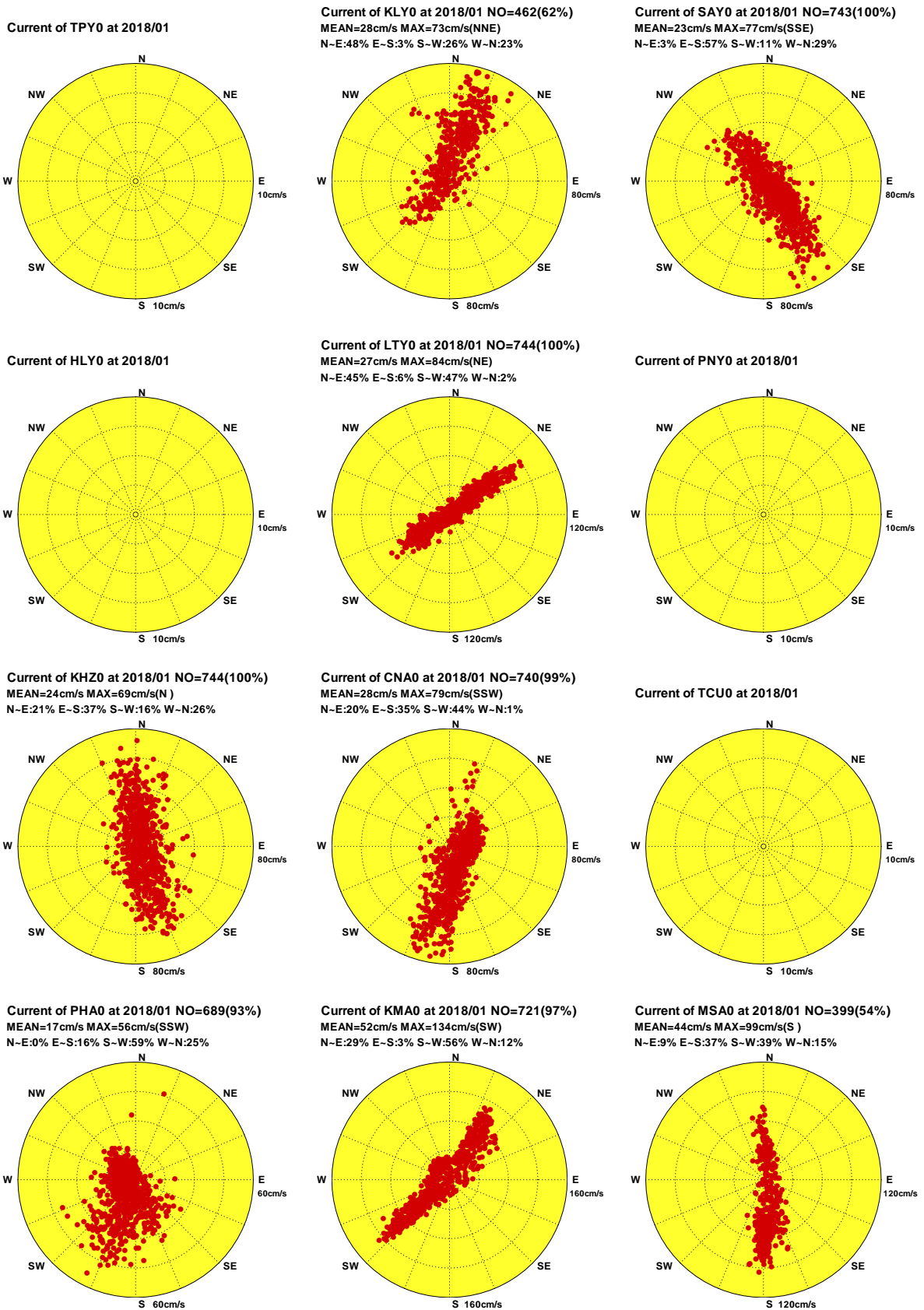


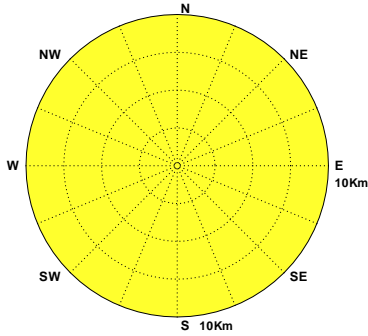
圖7.2a 2018年1月12海域主要測站2觀測海流向量分佈圖

C181TPY0.1H0 C181KLY0.1H0 C181SAY0.1H0 C181HLY0.1H0 C181LTY0.1H0 C181PNY0.1H0
 C181KHZ0.1H0 C181CNA0.1H0 C181TCU0.1H0 C181PHA0.1H0 C181KMA0.1H0 C181MSA0.1H0

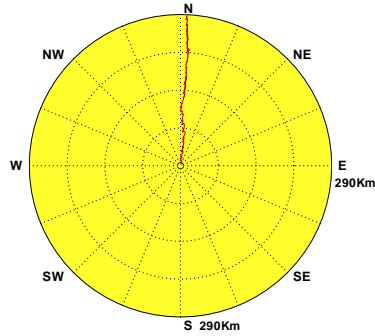
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

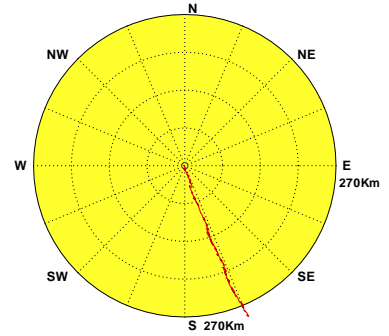
Current of TPY0 at 2018/01



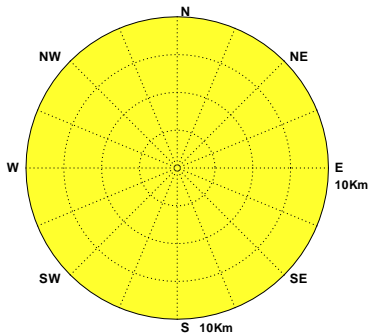
Current of KLY0 at 2018/01 NO=462(62%)
MEAN=28cm/s MAX=73cm/s(NNE)
N-E:48% E-S:3% S-W:26% W-N:23%



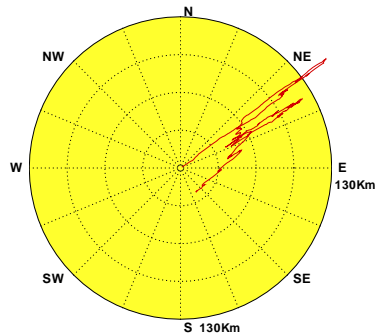
Current of SAY0 at 2018/01 NO=743(100%)
MEAN=23cm/s MAX=77cm/s(SSE)
N-E:3% E-S:57% S-W:11% W-N:29%



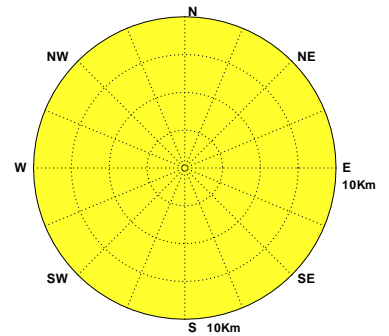
Current of HLY0 at 2018/01



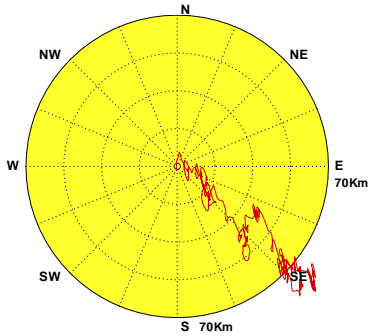
Current of LTY0 at 2018/01 NO=744(100%)
MEAN=27cm/s MAX=84cm/s(NE)
N-E:45% E-S:6% S-W:47% W-N:2%



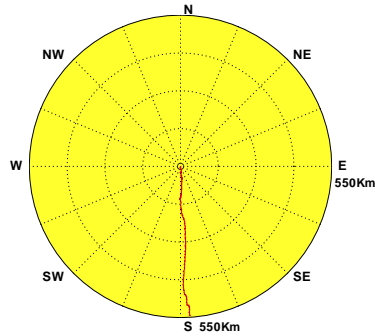
Current of PNY0 at 2018/01



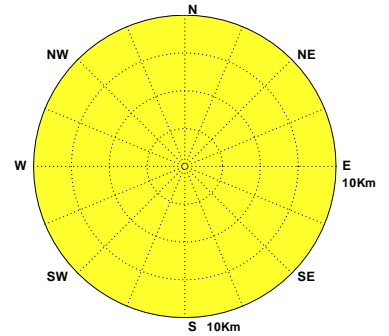
Current of KHZ0 at 2018/01 NO=744(100%)
MEAN=24cm/s MAX=69cm/s(N)
N-E:21% E-S:37% S-W:16% W-N:26%



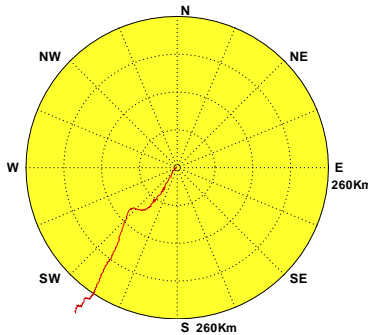
Current of CNA0 at 2018/01 NO=740(99%)
MEAN=28cm/s MAX=79cm/s(SSW)
N-E:20% E-S:35% S-W:44% W-N:1%



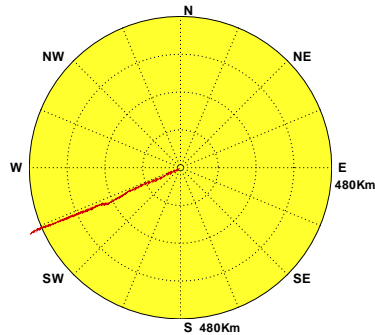
Current of TCU0 at 2018/01



Current of PHA0 at 2018/01 NO=689(93%)
MEAN=17cm/s MAX=56cm/s(SSW)
N-E:0% E-S:16% S-W:59% W-N:25%



Current of KMA0 at 2018/01 NO=721(97%)
MEAN=52cm/s MAX=134cm/s(SW)
N-E:29% E-S:3% S-W:56% W-N:12%



Current of MSA0 at 2018/01 NO=399(54%)
MEAN=44cm/s MAX=99cm/s(S)
N-E:9% E-S:37% S-W:39% W-N:15%

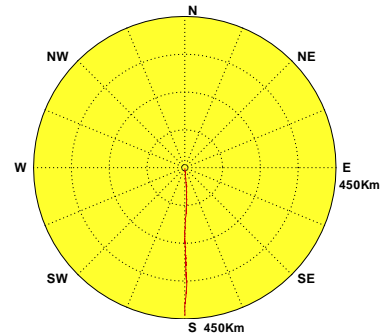


圖7.2b 2018年1月12海域主要測站2觀測海流向量行進圖

C181TPY0.1H0 C181KLY0.1H0 C181SAY0.1H0 C181HLY0.1H0 C181LTY0.1H0 C181PNY0.1H0
C181KHZ0.1H0 C181CNA0.1H0 C181TCU0.1H0 C181PHA0.1H0 C181KMA0.1H0 C181MSA0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

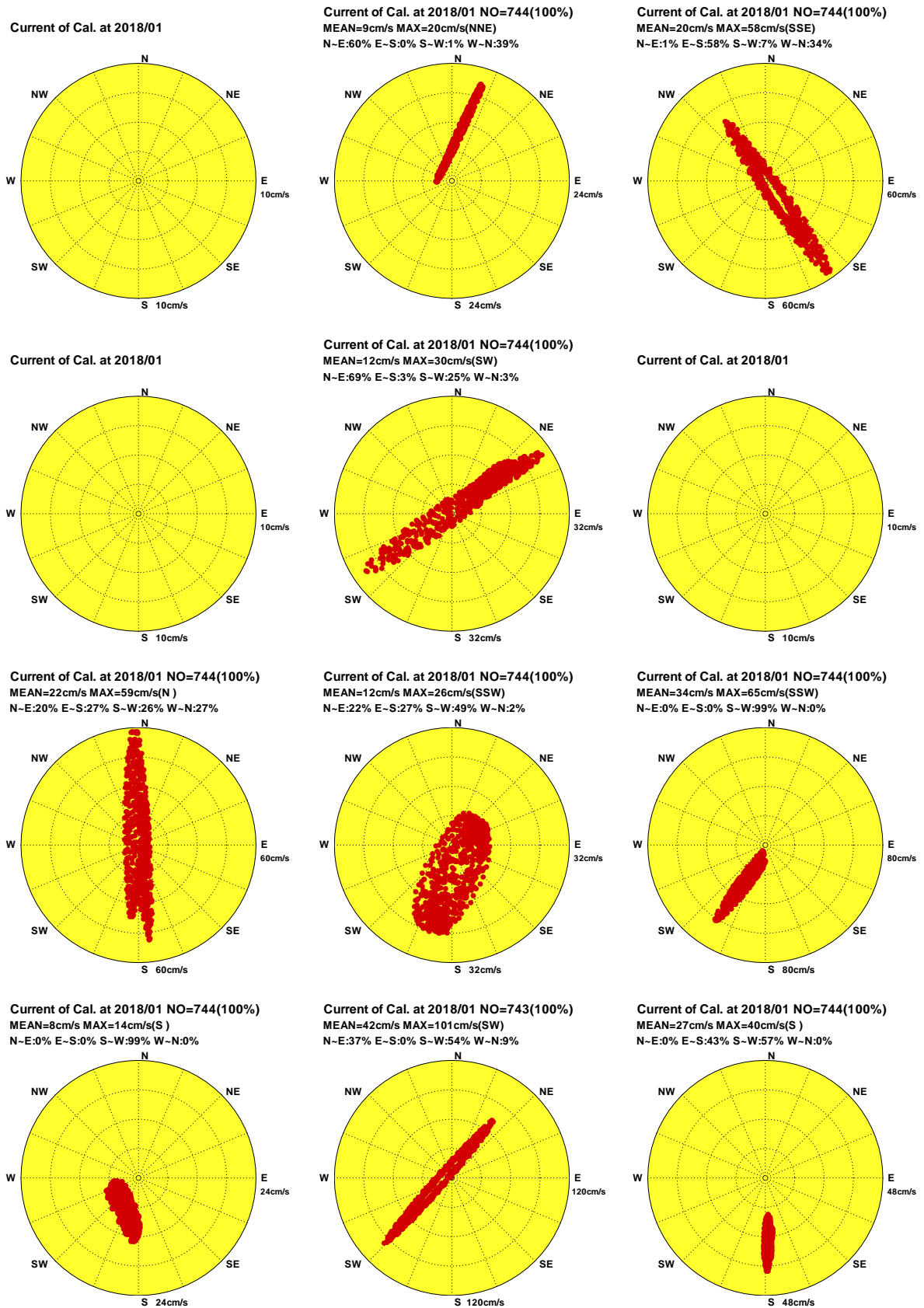


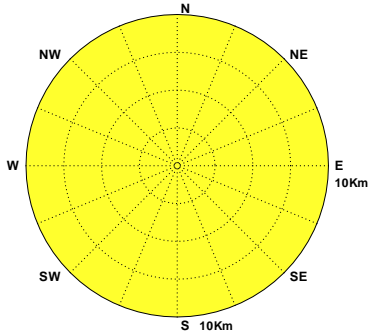
圖7.2c 2018年1月12海域主要測站2計算潮流向量分佈圖

C181TPY0.1HD C181KLY0.1HD C181SAY0.1HD C181HLY0.1HD C181LTY0.1HD C181PNY0.1HD
 C181KHZ0.1HD C181CNA0.1HD C181TCU0.1HD C181PHA0.1HD C181KMA0.1HD C181MSA0.1HD

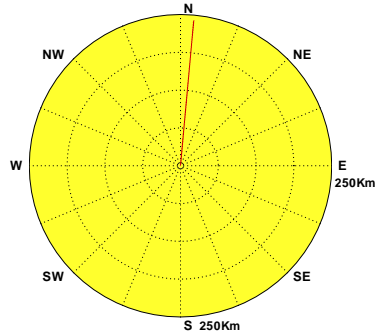
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

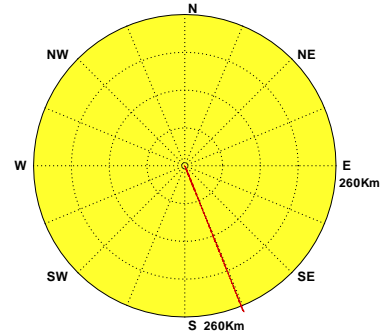
Current of Cal. at 2018/01



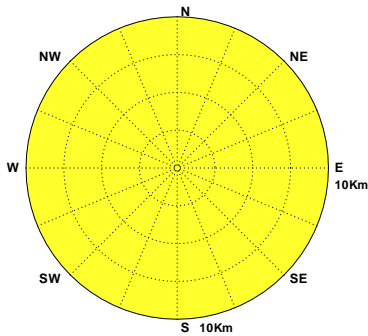
Current of Cal. at 2018/01 NO=744(100%)
MEAN=9cm/s MAX=20cm/s(NNE)
N-E:60% E-S:0% S-W:1% W-N:39%



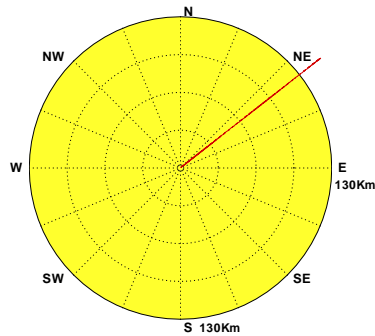
Current of Cal. at 2018/01 NO=744(100%)
MEAN=20cm/s MAX=58cm/s(SSE)
N-E:1% E-S:58% S-W:7% W-N:34%



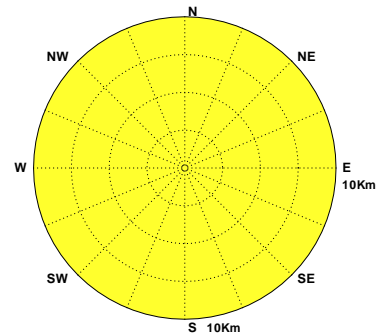
Current of Cal. at 2018/01



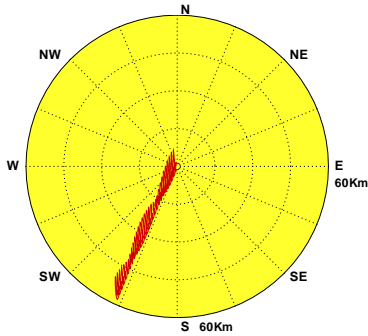
Current of Cal. at 2018/01 NO=744(100%)
MEAN=12cm/s MAX=30cm/s(SW)
N-E:69% E-S:3% S-W:25% W-N:3%



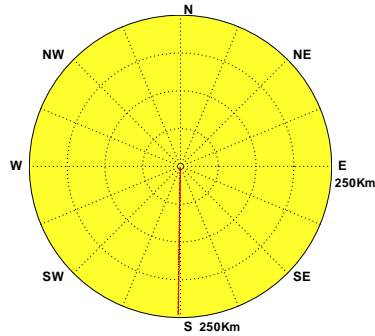
Current of Cal. at 2018/01



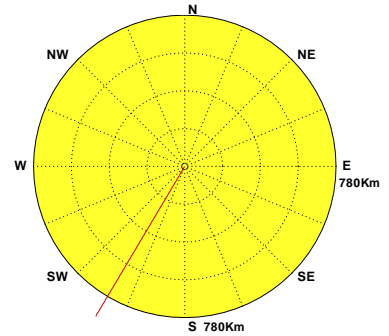
Current of Cal. at 2018/01 NO=744(100%)
MEAN=22cm/s MAX=59cm/s(N)
N-E:20% E-S:27% S-W:26% W-N:27%



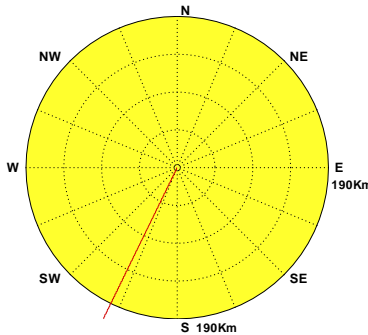
Current of Cal. at 2018/01 NO=744(100%)
MEAN=12cm/s MAX=26cm/s(SSW)
N-E:22% E-S:27% S-W:49% W-N:2%



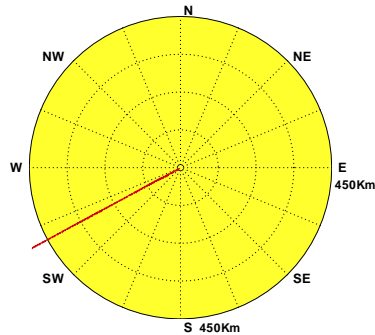
Current of Cal. at 2018/01 NO=744(100%)
MEAN=34cm/s MAX=65cm/s(SSW)
N-E:0% E-S:0% S-W:99% W-N:0%



Current of Cal. at 2018/01 NO=744(100%)
MEAN=8cm/s MAX=14cm/s(S)
N-E:0% E-S:0% S-W:99% W-N:0%



Current of Cal. at 2018/01 NO=743(100%)
MEAN=42cm/s MAX=101cm/s(SW)
N-E:37% E-S:0% S-W:54% W-N:9%



Current of Cal. at 2018/01 NO=744(100%)
MEAN=27cm/s MAX=40cm/s(S)
N-E:0% E-S:43% S-W:57% W-N:0%

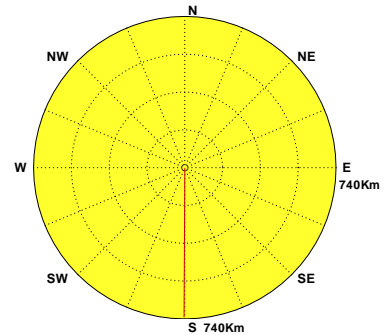


圖7.2d 2018年1月12海域主要測站2計算潮流向量行進圖

C181TYP0.1HD C181KLY0.1HD C181SAY0.1HD C181HLY0.1HD C181LTU0.1HD C181PNY0.1HD
C181KHZ0.1HD C181CNA0.1HD C181TCU0.1HD C181PHA0.1HD C181KMA0.1HD C181MSA0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

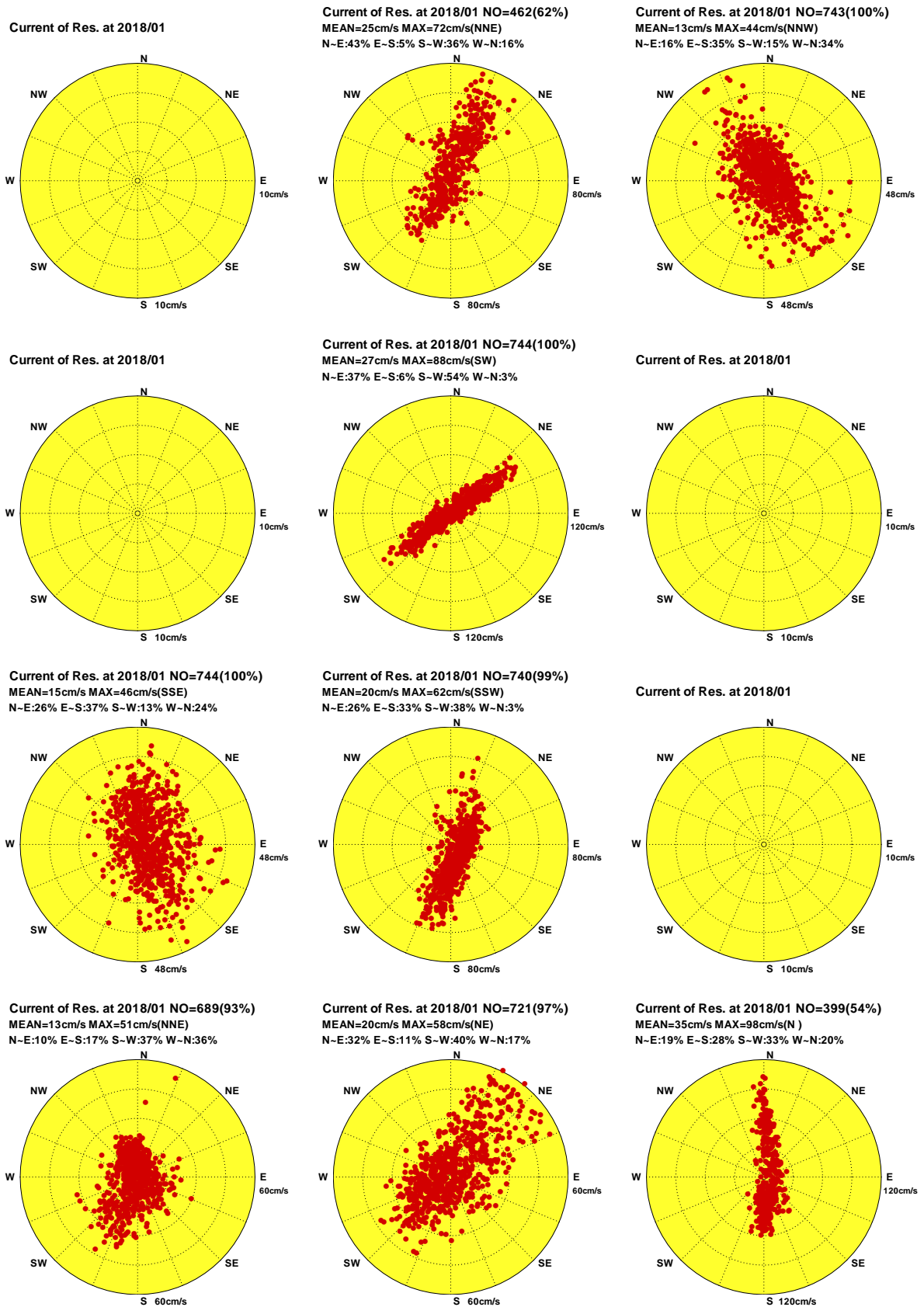


圖7.2e 2018年1月12海域主要測站2計算殘流向量分佈圖

C181TPY0.1HR C181KLY0.1HR C181SAY0.1HR C181HLY0.1HR C181LTY0.1HR C181PNY0.1HR
 C181KHZ0.1HR C181CNA0.1HR C181TCU0.1HR C181PHA0.1HR C181KMA0.1HR C181MSA0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

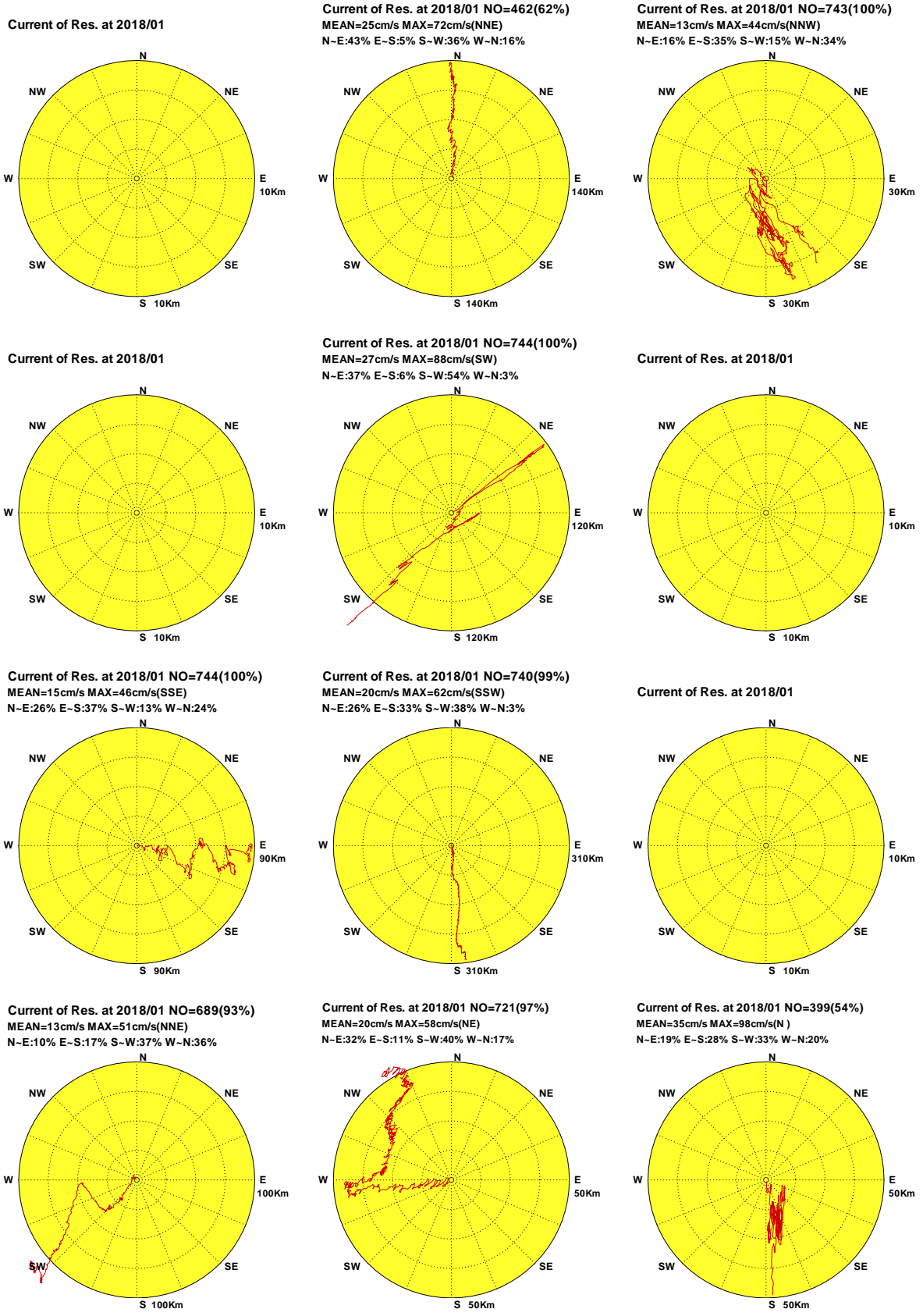


圖7.2f 2018年1月12海域主要測站2計算殘流向量行進圖

C181TPY0.1HR C181KLY0.1HR C181SAY0.1HR C181HLY0.1HR C181LTY0.1HR C181PNY0.1HR
 C181KHZ0.1HR C181CNA0.1HR C181TCU0.1HR C181PHA0.1HR C181KMA0.1HR C181MSA0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

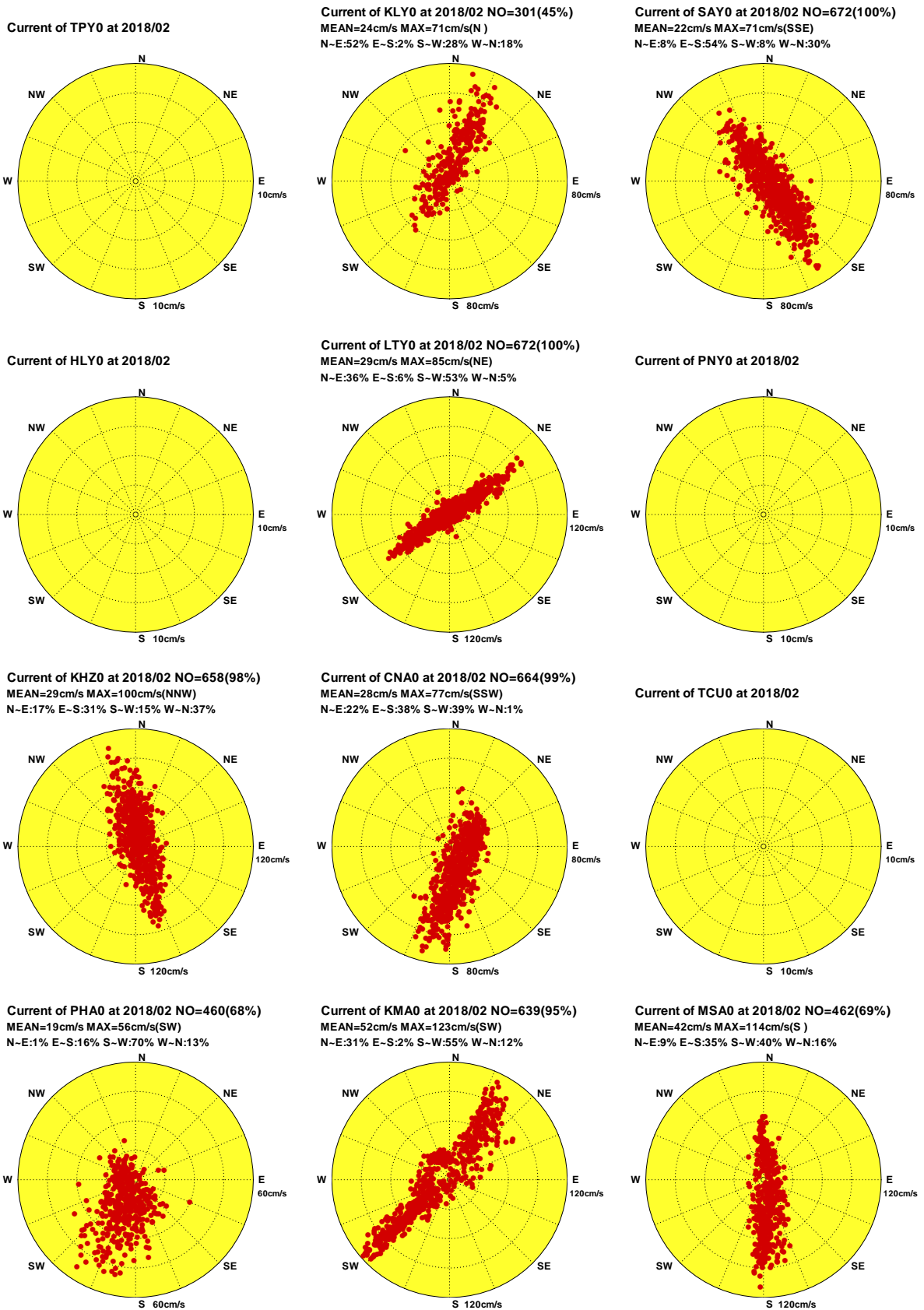


圖7.3a 2018年2月12海域主要測站2觀測海流向量分佈圖

C182TPY0.1H0 C182KLY0.1H0 C182SAY0.1H0 C182HLY0.1H0 C182LTY0.1H0 C182PNY0.1H0
 C182KHZ0.1H0 C182CNA0.1H0 C182TCU0.1H0 C182PHA0.1H0 C182KMA0.1H0 C182MSA0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

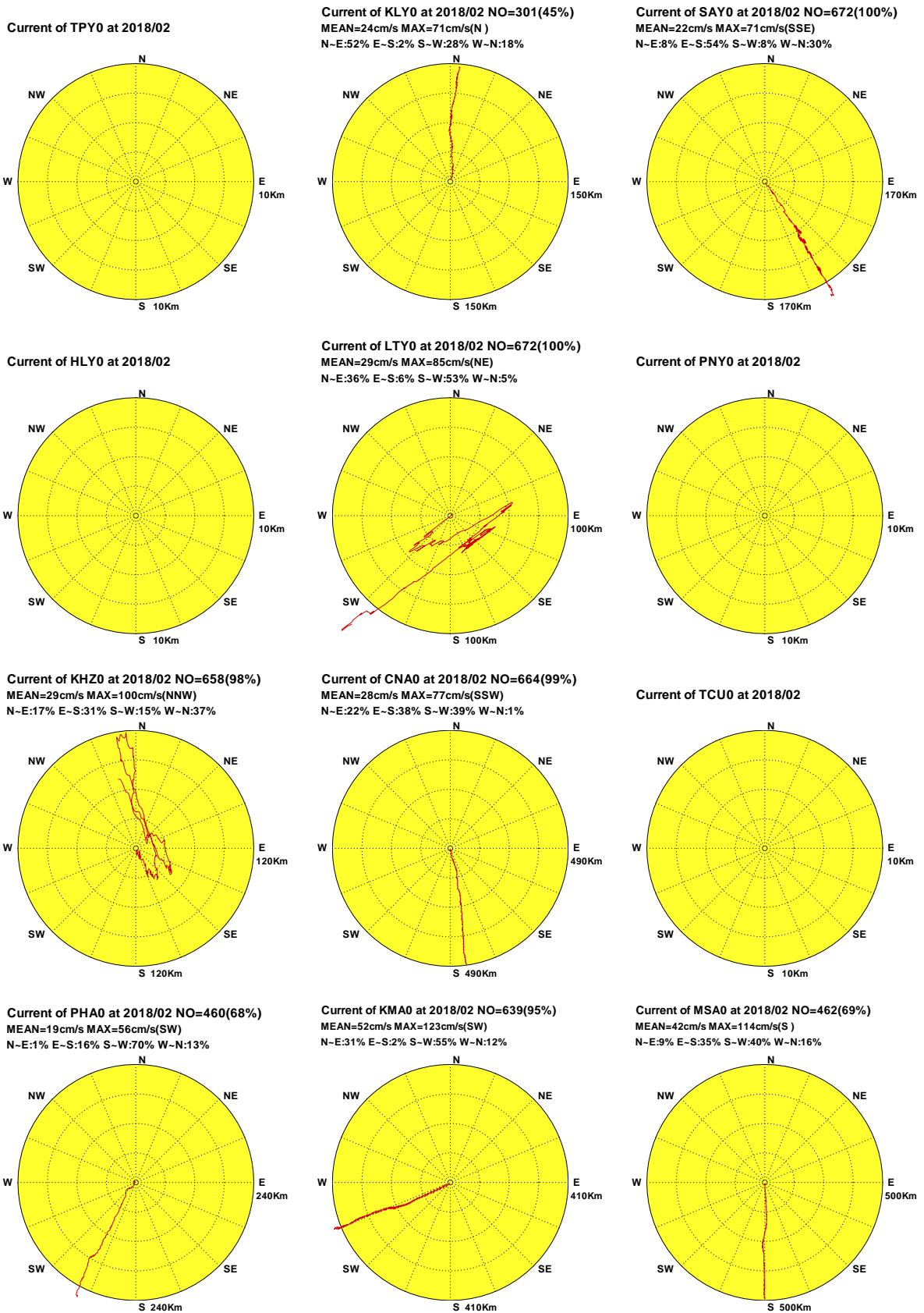


圖7.3b 2018年2月12海域主要測站2觀測海流向量行進圖

C182TPY0.1H0 C182KLY0.1H0 C182SAY0.1H0 C182HLY0.1H0 C182LTY0.1H0 C182PNY0.1H0
 C182KHZ0.1H0 C182CNA0.1H0 C182TCU0.1H0 C182PHA0.1H0 C182KMA0.1H0 C182MSA0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

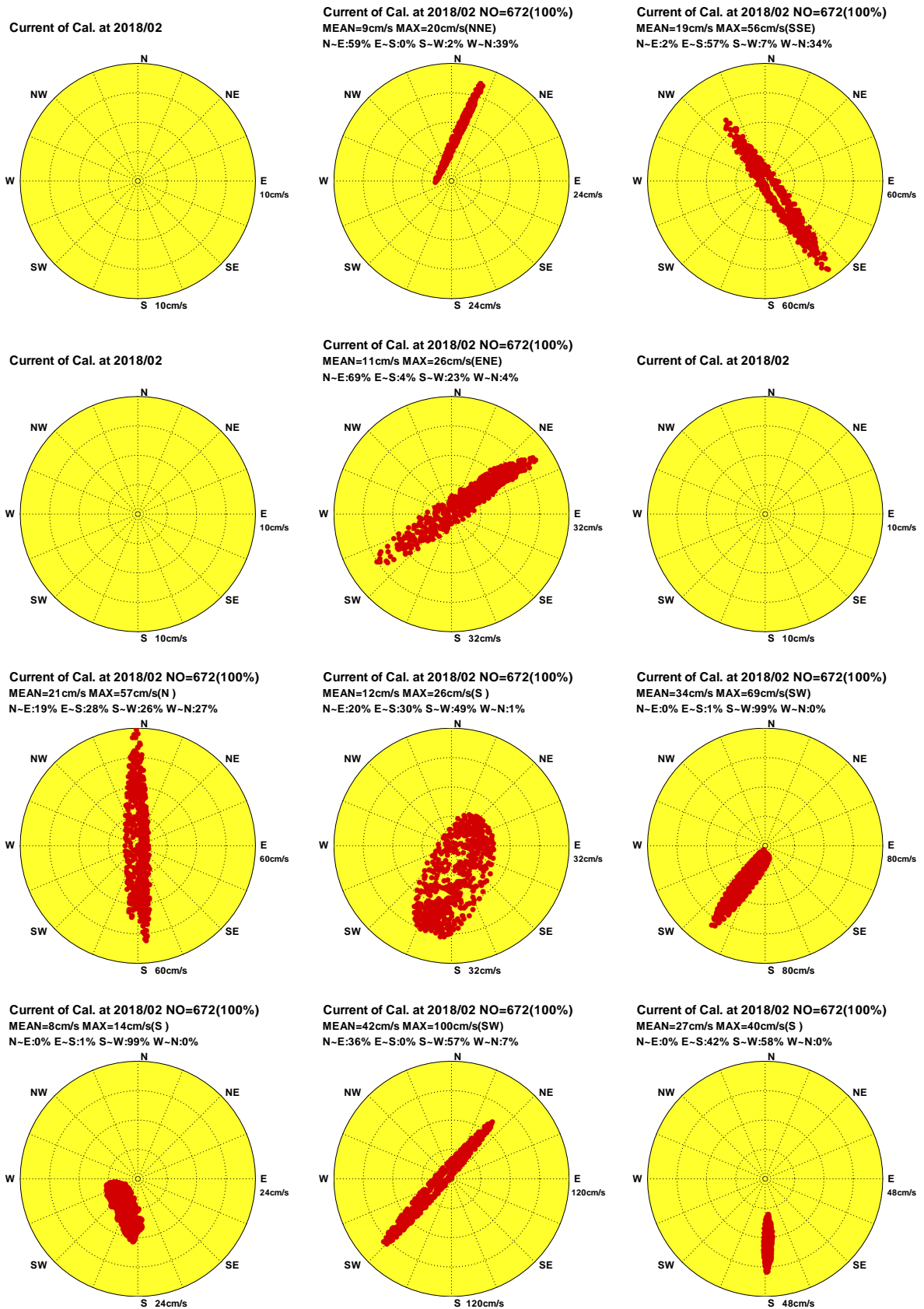


圖7.3c 2018年2月12海域主要測站2計算潮流向量分佈圖

C182TPY0.1HD C182KLY0.1HD C182SAY0.1HD C182HLY0.1HD C182LTY0.1HD C182PNY0.1HD
C182KHZ0.1HD C182CNA0.1HD C182TCU0.1HD C182PHA0.1HD C182KMA0.1HD C182MSA0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

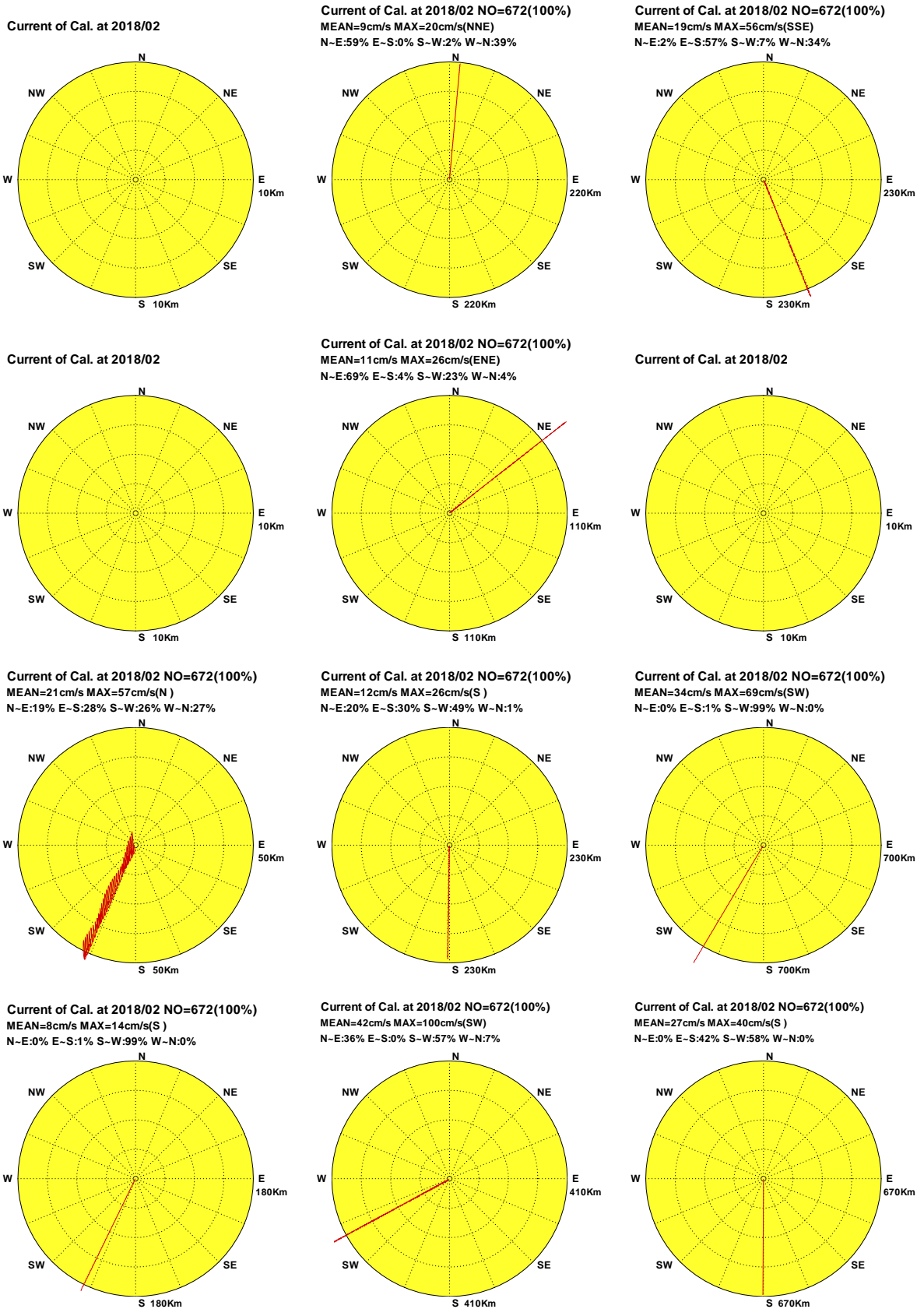


圖7.3d 2018年2月12海域主要測站2計算潮流向量行進圖

C182TPY0.1HD C182KLY0.1HD C182SAY0.1HD C182HLY0.1HD C182LTY0.1HD C182PNY0.1HD
 C182KHZ0.1HD C182CNA0.1HD C182TCU0.1HD C182PHA0.1HD C182KMA0.1HD C182MSA0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

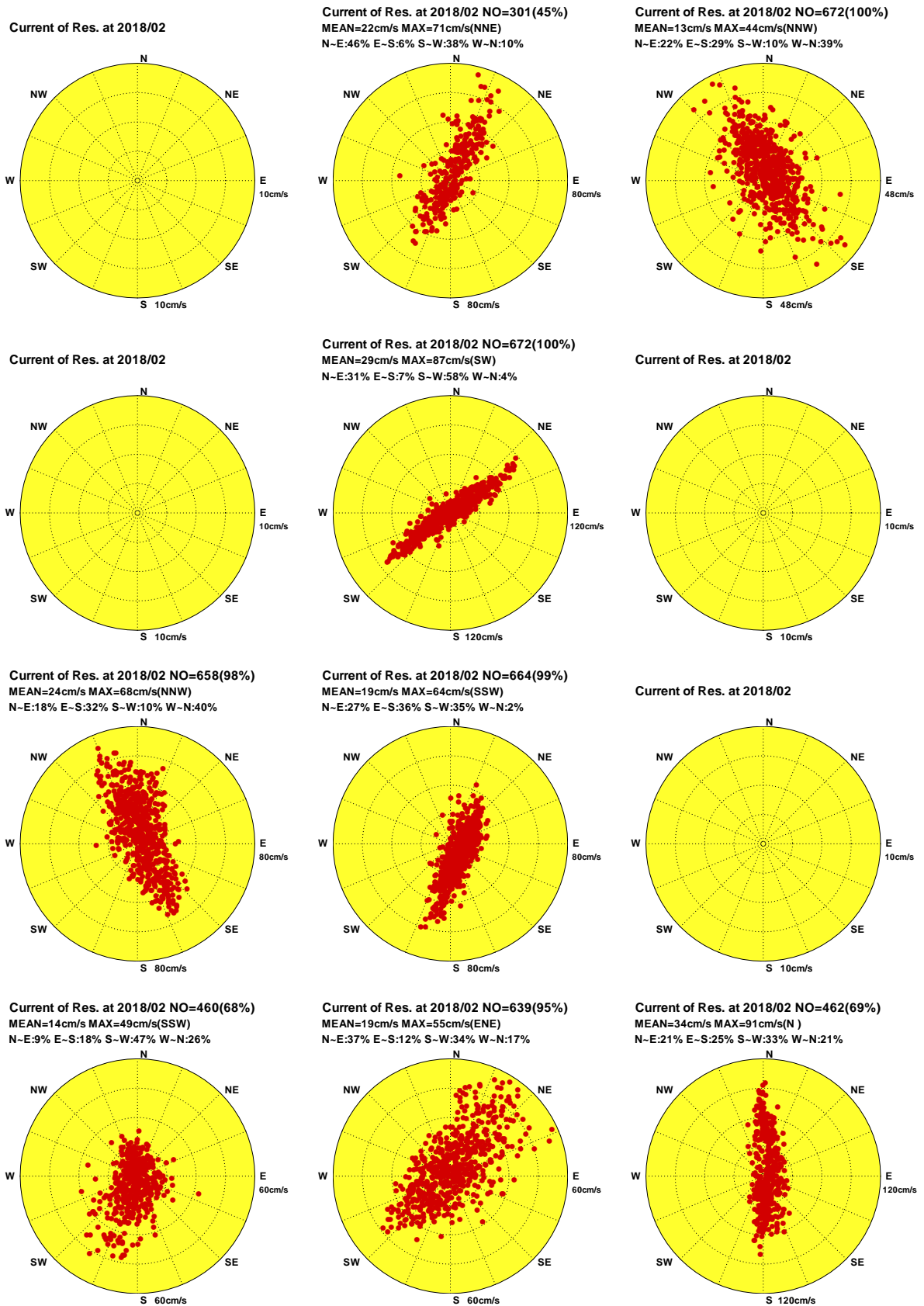


圖7.3e 2018年2月12海域主要測站2計算殘流向量分佈圖

C182TPY0.1HR C182KLY0.1HR C182SAY0.1HR C182HLY0.1HR C182LTY0.1HR C182PNY0.1HR
 C182KHZ0.1HR C182CNA0.1HR C182TCU0.1HR C182PHA0.1HR C182KMA0.1HR C182MSA0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

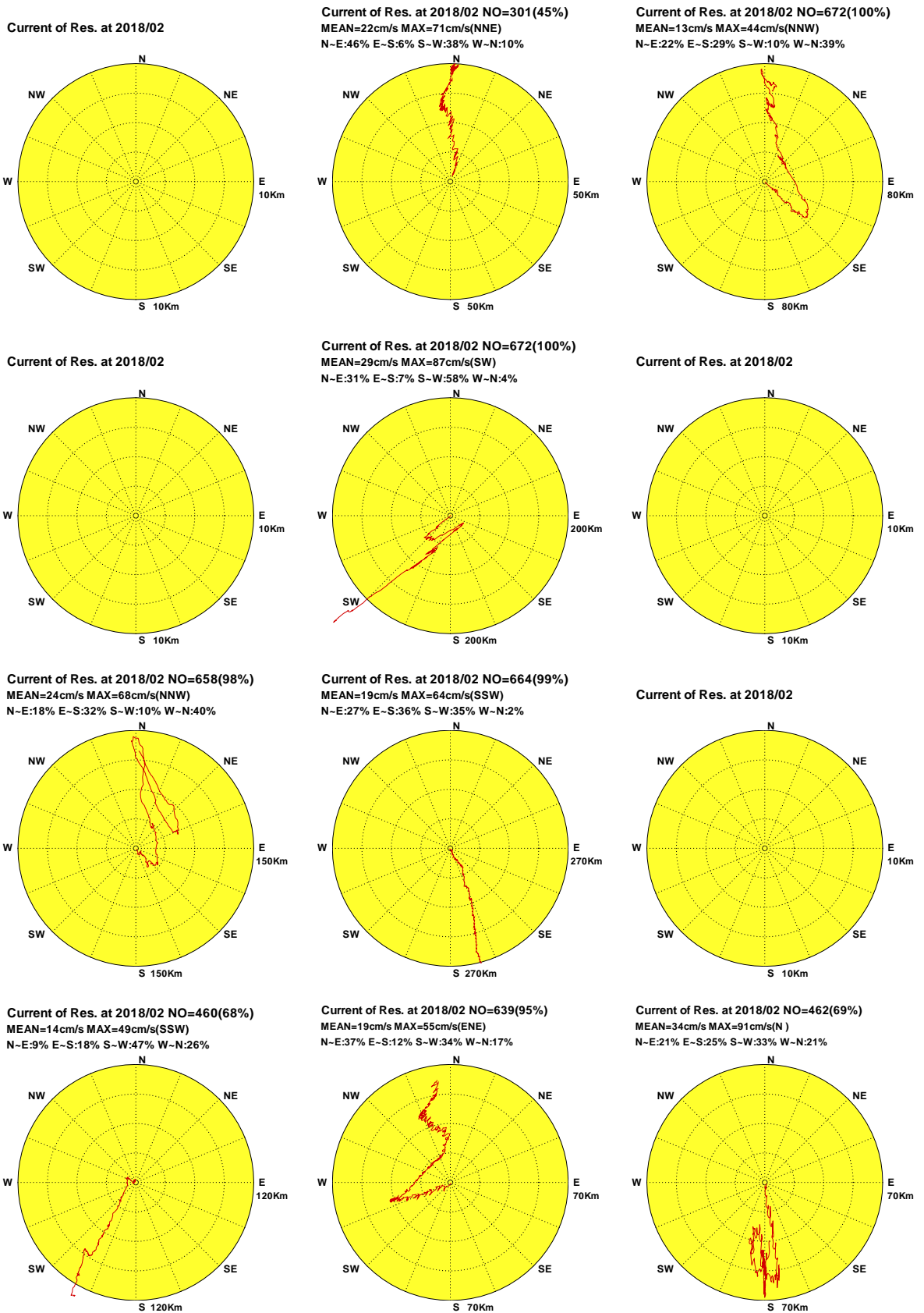


圖7.3f 2018年2月12海域主要測站2計算殘流向量行進圖

C182TPY0.1HR C182KLY0.1HR C182SAY0.1HR C182HLY0.1HR C182LTY0.1HR C182PNY0.1HR
C182KHZ0.1HR C182CNA0.1HR C182TCU0.1HR C182PHA0.1HR C182KMA0.1HR C182MSA0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

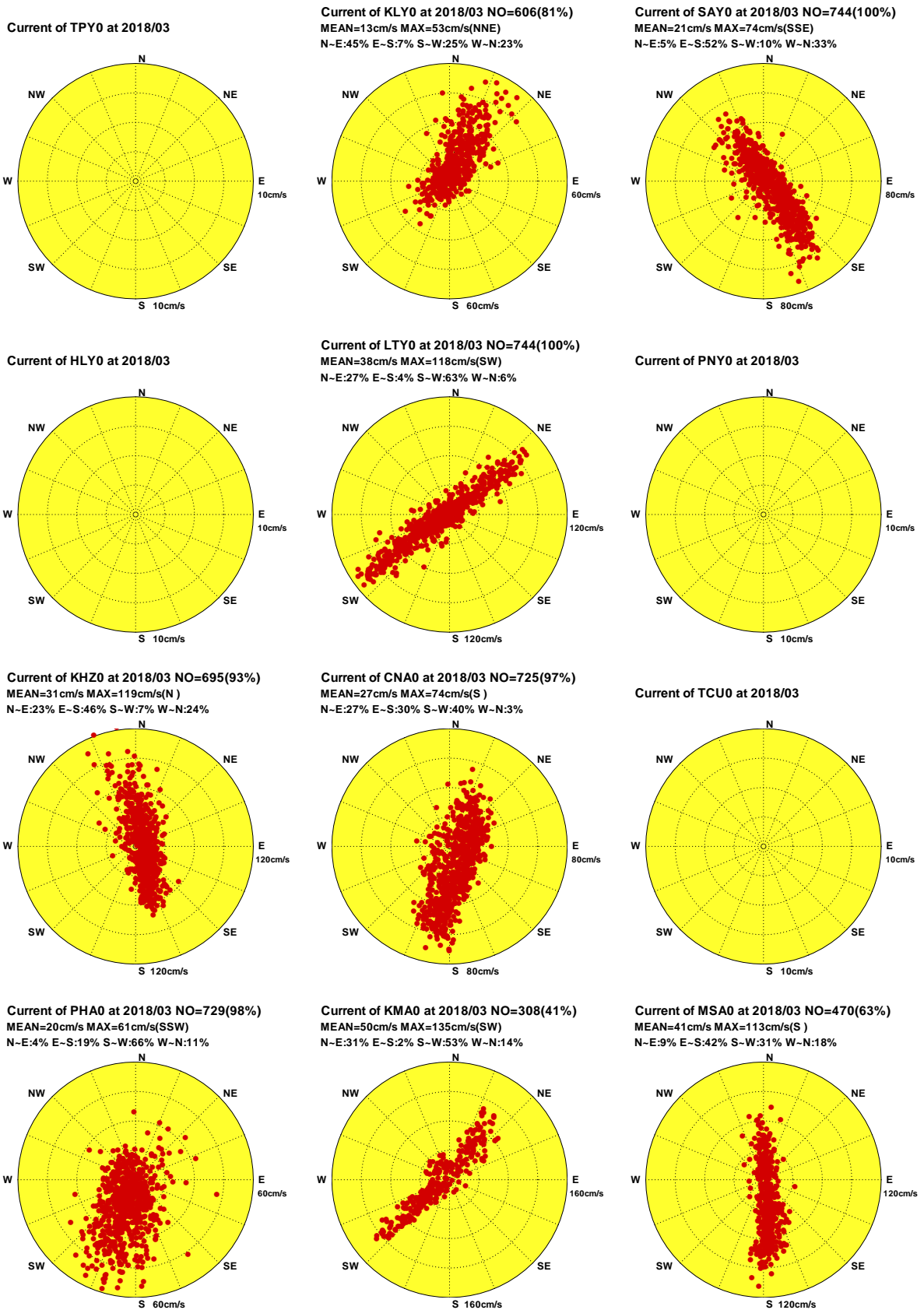


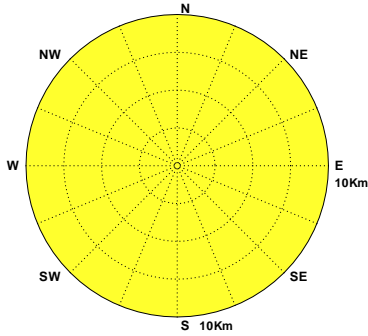
圖7.4a 2018年3月12海域主要測站2觀測海流向量分佈圖

C183TPY0.1H0 C183KLY0.1H0 C183SAY0.1H0 C183HLY0.1H0 C183LTY0.1H0 C183PNY0.1H0
 C183KHZ0.1H0 C183CNA0.1H0 C183TCU0.1H0 C183PHA0.1H0 C183KMA0.1H0 C183MSA0.1H0

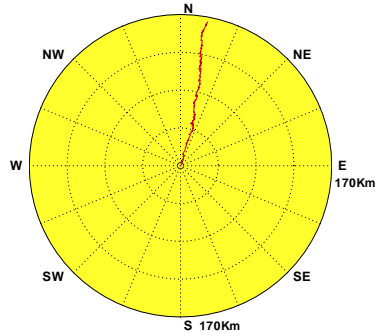
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

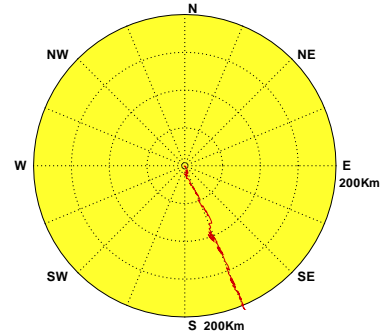
Current of TPY0 at 2018/03



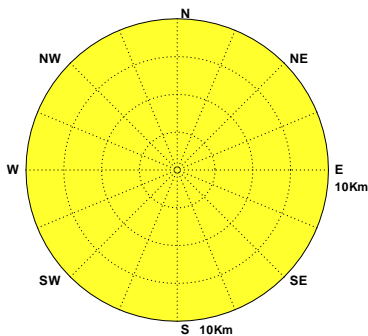
Current of KLY0 at 2018/03 NO=606(81%)
MEAN=13cm/s MAX=53cm/s(NNE)
N-E:45% E-S:7% S-W:25% W-N:23%



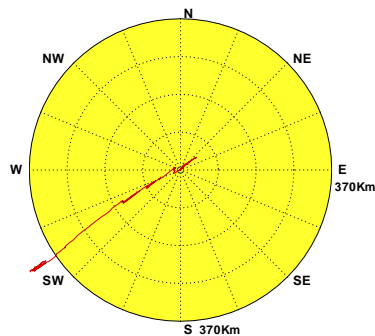
Current of SAY0 at 2018/03 NO=744(100%)
MEAN=21cm/s MAX=74cm/s(SSE)
N-E:5% E-S:52% S-W:10% W-N:33%



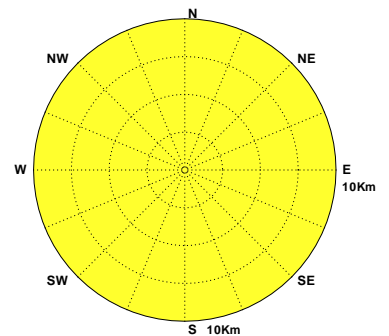
Current of HLY0 at 2018/03



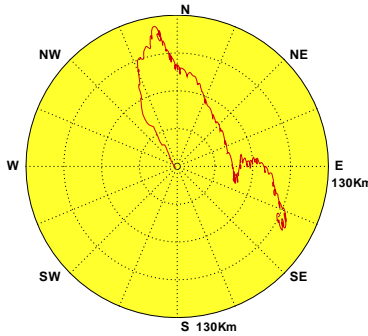
Current of LTY0 at 2018/03 NO=744(100%)
MEAN=38cm/s MAX=118cm/s(SW)
N-E:27% E-S:4% S-W:63% W-N:6%



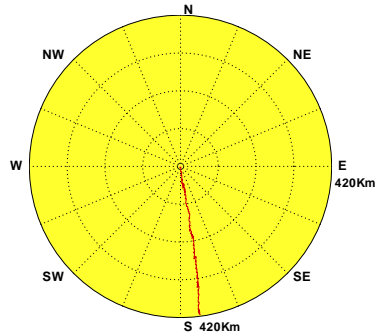
Current of PNY0 at 2018/03



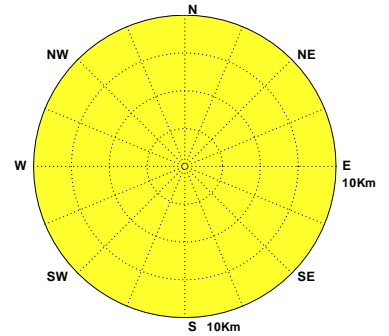
Current of KHZ0 at 2018/03 NO=695(93%)
MEAN=31cm/s MAX=119cm/s(N)
N-E:23% E-S:46% S-W:7% W-N:24%



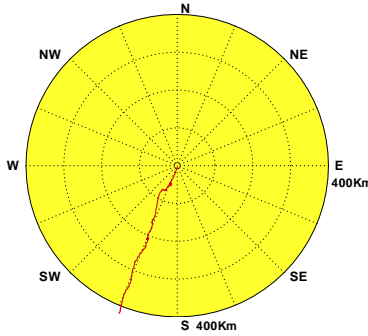
Current of CNA0 at 2018/03 NO=725(97%)
MEAN=27cm/s MAX=74cm/s(S)
N-E:27% E-S:30% S-W:40% W-N:3%



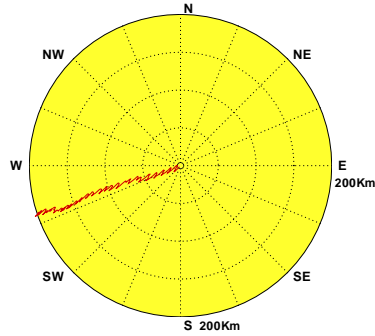
Current of TCU0 at 2018/03



Current of PHA0 at 2018/03 NO=729(98%)
MEAN=20cm/s MAX=61cm/s(SSW)
N-E:4% E-S:19% S-W:66% W-N:11%



Current of KMA0 at 2018/03 NO=308(41%)
MEAN=50cm/s MAX=135cm/s(SW)
N-E:31% E-S:2% S-W:53% W-N:14%



Current of MSA0 at 2018/03 NO=470(63%)
MEAN=41cm/s MAX=113cm/s(S)
N-E:9% E-S:42% S-W:31% W-N:18%

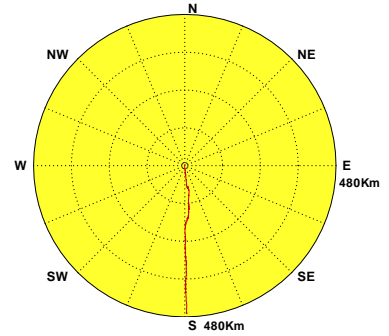


圖7.4b 2018年3月12海域主要測站2觀測海流向量行進圖

C183TPY0.1H0 C183KLY0.1H0 C183SAY0.1H0 C183HLY0.1H0 C183LTY0.1H0 C183PNY0.1H0
C183KHZ0.1H0 C183CNA0.1H0 C183TCU0.1H0 C183PHA0.1H0 C183KMA0.1H0 C183MSA0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

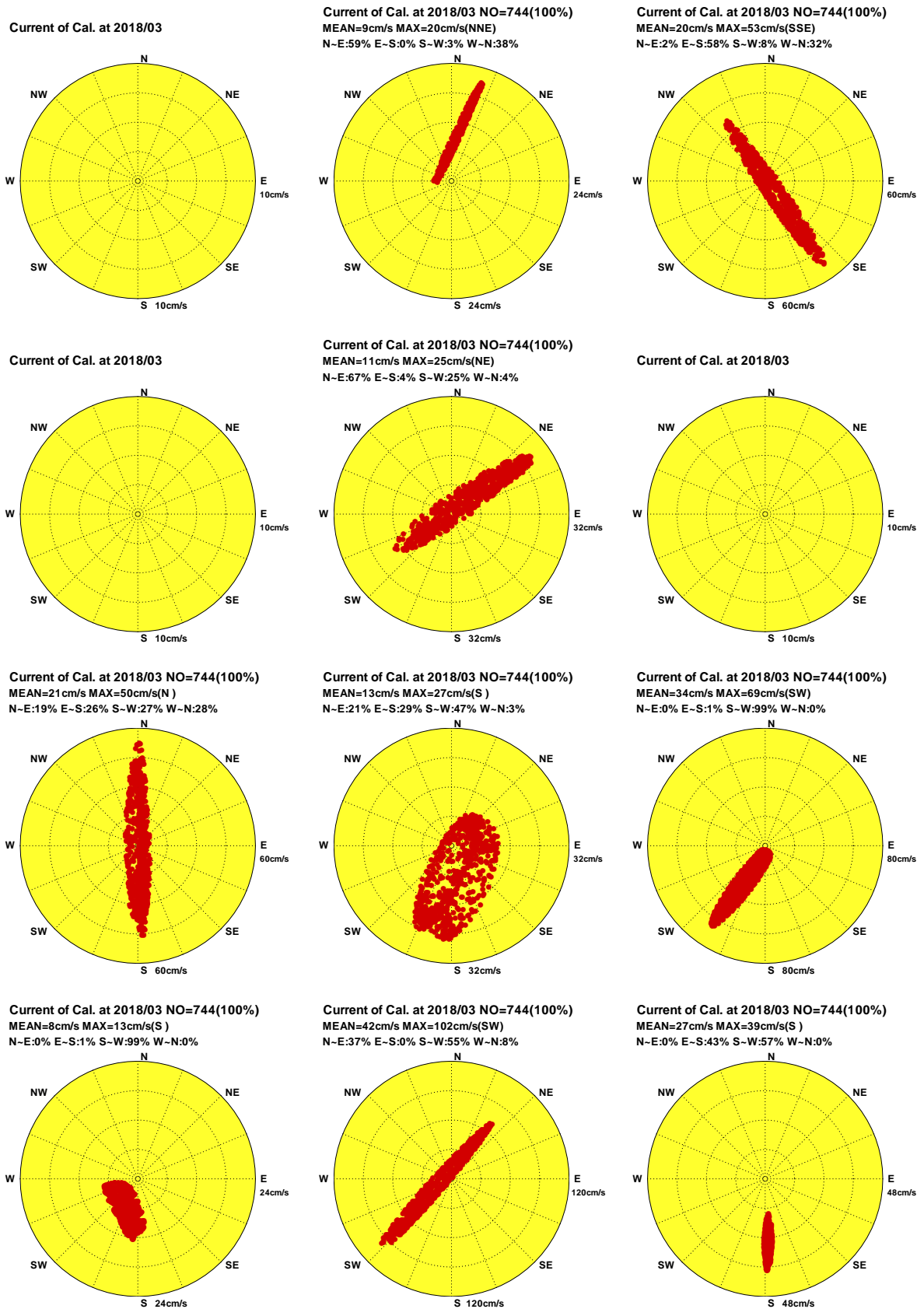


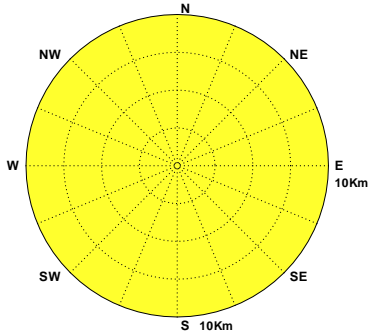
圖7.4c 2018年3月12海域主要測站2計算潮流向量分佈圖

C183TPY0.1HD C183KLY0.1HD C183SAY0.1HD C183HLY0.1HD C183LTY0.1HD C183PNY0.1HD
C183KHZ0.1HD C183CNA0.1HD C183TCU0.1HD C183PHA0.1HD C183KMA0.1HD C183MSA0.1HD

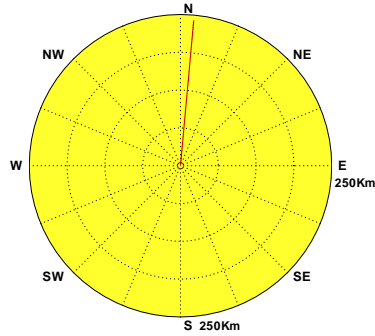
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

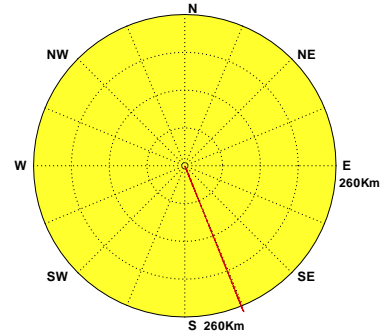
Current of Cal. at 2018/03



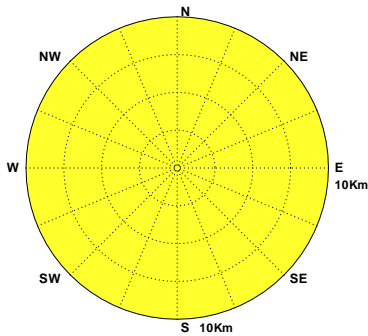
Current of Cal. at 2018/03 NO=744(100%)
MEAN=9cm/s MAX=20cm/s(NNE)
N-E:59% E-S:0% S-W:3% W-N:38%



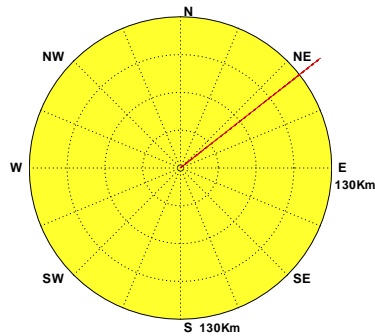
Current of Cal. at 2018/03 NO=744(100%)
MEAN=20cm/s MAX=53cm/s(SSE)
N-E:2% E-S:58% S-W:8% W-N:32%



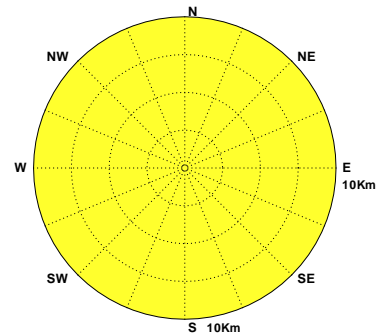
Current of Cal. at 2018/03



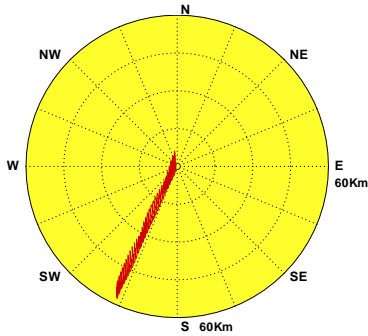
Current of Cal. at 2018/03 NO=744(100%)
MEAN=11cm/s MAX=25cm/s(NE)
N-E:67% E-S:4% S-W:25% W-N:4%



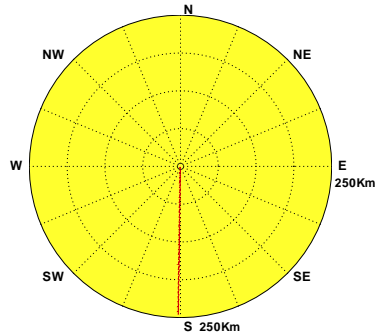
Current of Cal. at 2018/03



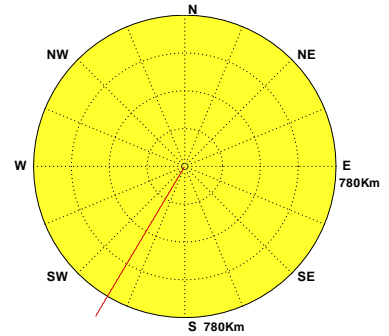
Current of Cal. at 2018/03 NO=744(100%)
MEAN=21cm/s MAX=50cm/s(N)
N-E:19% E-S:26% S-W:27% W-N:28%



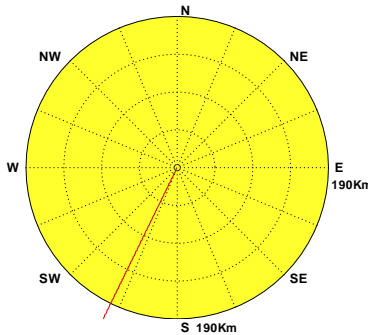
Current of Cal. at 2018/03 NO=744(100%)
MEAN=13cm/s MAX=27cm/s(S)
N-E:21% E-S:29% S-W:47% W-N:3%



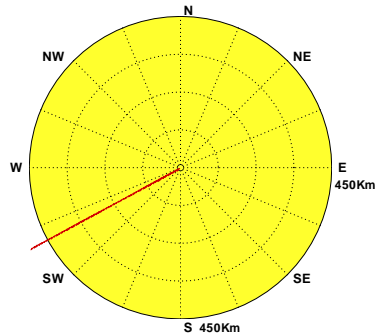
Current of Cal. at 2018/03 NO=744(100%)
MEAN=34cm/s MAX=69cm/s(SW)
N-E:0% E-S:1% S-W:99% W-N:0%



Current of Cal. at 2018/03 NO=744(100%)
MEAN=8cm/s MAX=13cm/s(S)
N-E:0% E-S:1% S-W:99% W-N:0%



Current of Cal. at 2018/03 NO=744(100%)
MEAN=42cm/s MAX=102cm/s(SW)
N-E:37% E-S:0% S-W:55% W-N:8%



Current of Cal. at 2018/03 NO=744(100%)
MEAN=27cm/s MAX=39cm/s(S)
N-E:0% E-S:43% S-W:57% W-N:0%

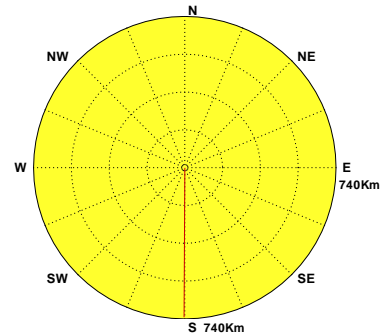


圖7.4d 2018年3月12海域主要測站2計算潮流向量行進圖

C183TPY0.1HD C183KLY0.1HD C183SAY0.1HD C183HLY0.1HD C183LTU0.1HD C183PNY0.1HD
C183KHZ0.1HD C183CNA0.1HD C183TCU0.1HD C183PHA0.1HD C183KMA0.1HD C183MSA0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

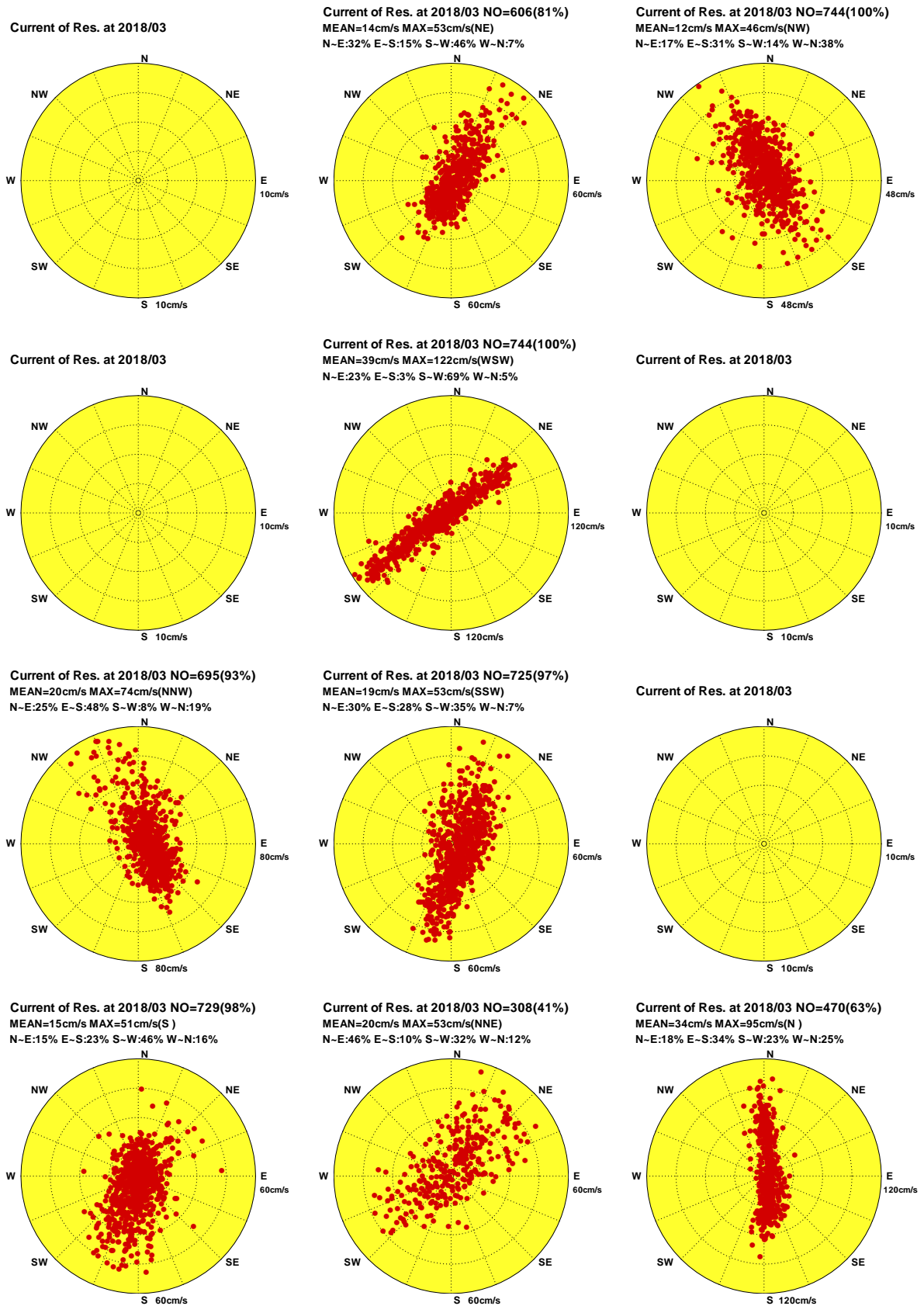


圖7.4e 2018年3月12海域主要測站2計算殘流向量分佈圖

C183TPY0.1HR C183KLY0.1HR C183SAY0.1HR C183HLY0.1HR C183LTY0.1HR C183PNY0.1HR
 C183KHZ0.1HR C183CNA0.1HR C183TCU0.1HR C183PHA0.1HR C183KMA0.1HR C183MSA0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

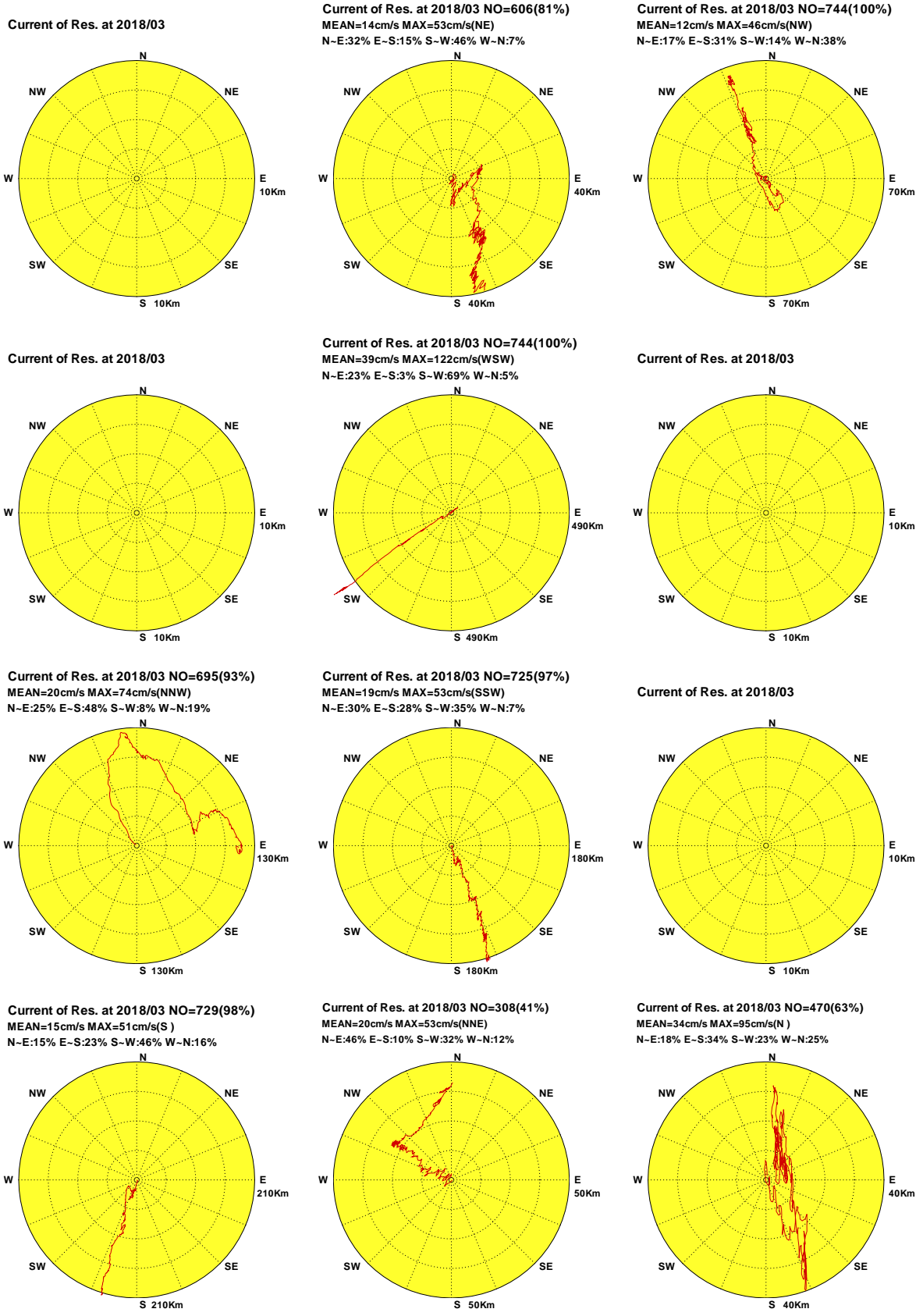


圖7.4f 2018年3月12海域主要測站2計算殘流向量行進圖

C183TPY0.1HR C183KLY0.1HR C183SAY0.1HR C183HLY0.1HR C183LTY0.1HR C183PNY0.1HR
 C183KHZ0.1HR C183CNA0.1HR C183TCU0.1HR C183PHA0.1HR C183KMA0.1HR C183MSA0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

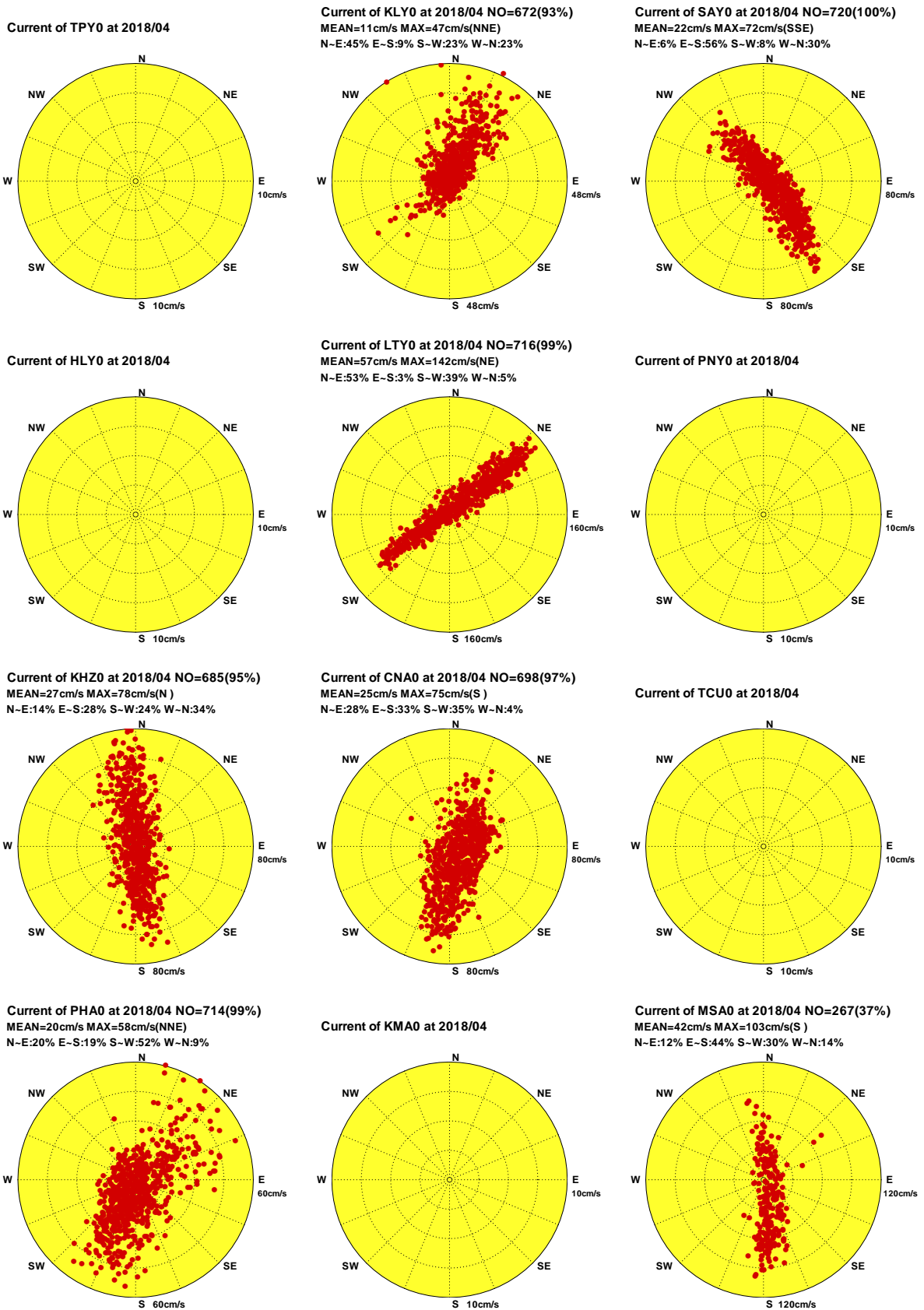


圖7.5a 2018年4月12海域主要測站2觀測海流向量分佈圖

C184TPY0.1H0 C184KLY0.1H0 C184SAY0.1H0 C184HLY0.1H0 C184LTY0.1H0 C184PNY0.1H0
 C184KHZ0.1H0 C184CNA0.1H0 C184TCU0.1H0 C184PHA0.1H0 C184KMA0.1H0 C184MSA0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

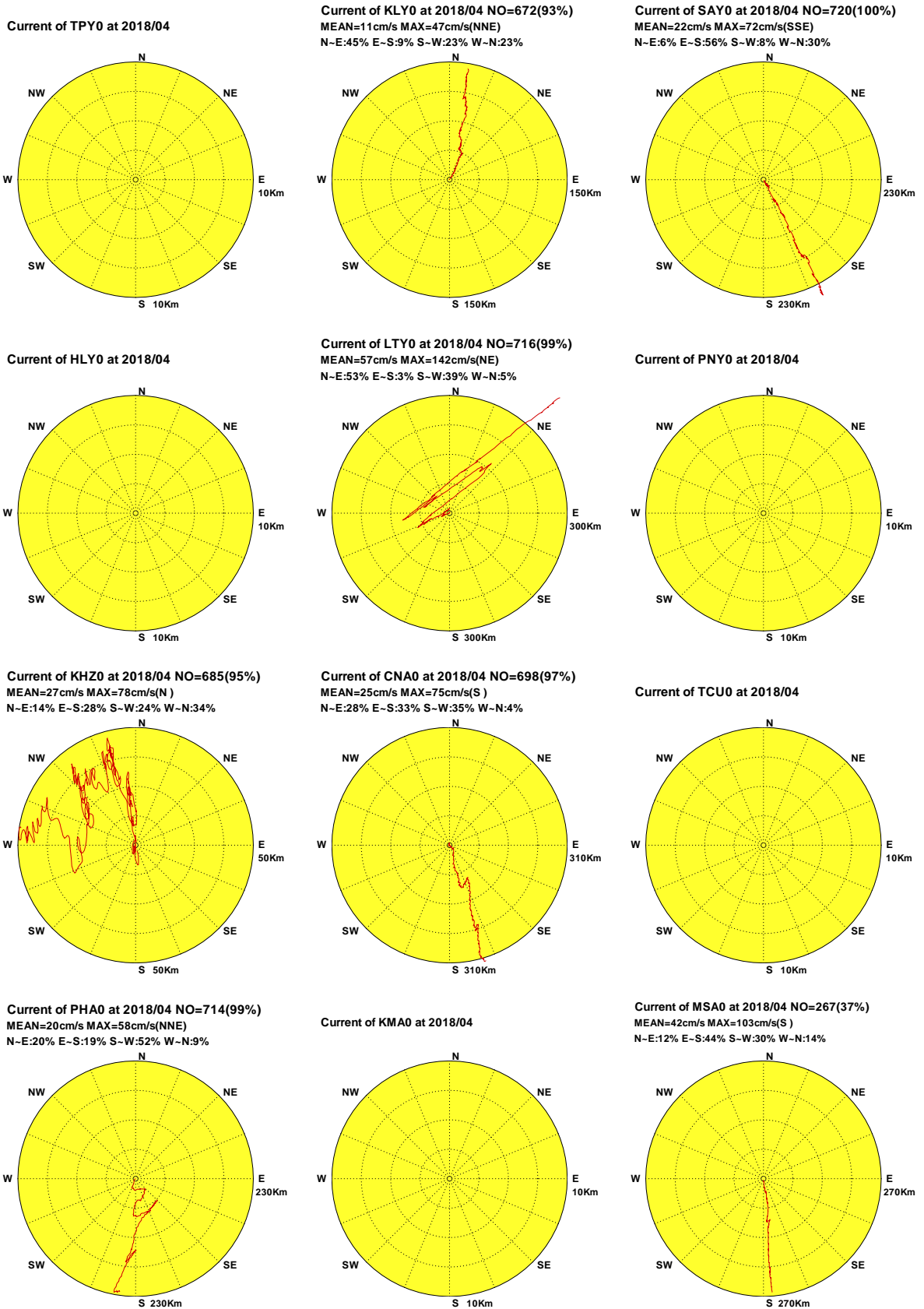


圖7.5b 2018年4月12海域主要測站2觀測海流向量行進圖

C184TPY0.1H0 C184KLY0.1H0 C184SAY0.1H0 C184HLY0.1H0 C184LTY0.1H0 C184PNY0.1H0
 C184KHZ0.1H0 C184CNA0.1H0 C184TCU0.1H0 C184PHA0.1H0 C184KMA0.1H0 C184MSA0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

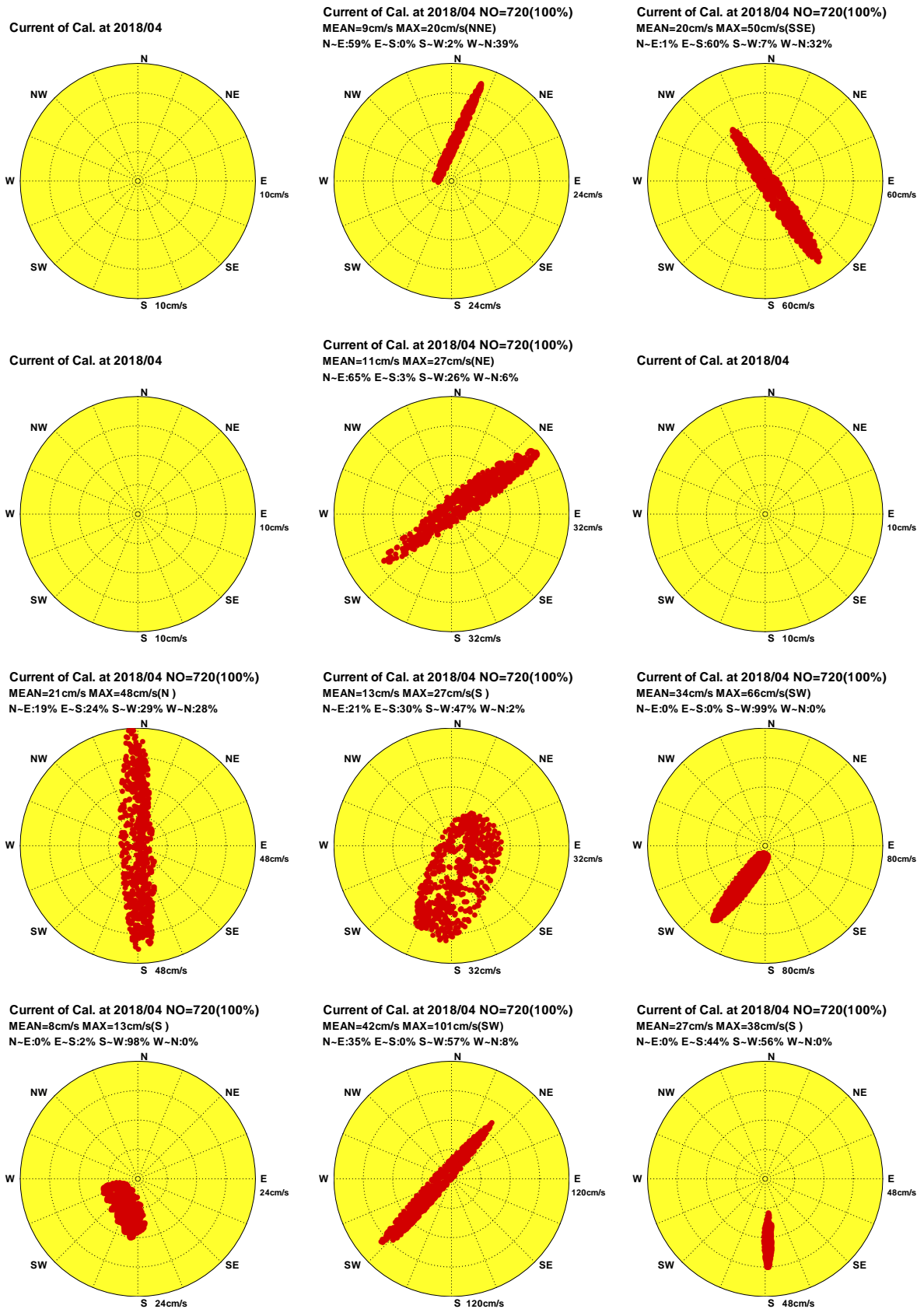


圖7.5c 2018年4月12海域主要測站2計算潮流向量分佈圖

C184TPY0.1HD C184KLY0.1HD C184SAY0.1HD C184HLY0.1HD C184LTY0.1HD C184PNY0.1HD
 C184KHZ0.1HD C184CNA0.1HD C184TCU0.1HD C184PHA0.1HD C184KMA0.1HD C184MSA0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

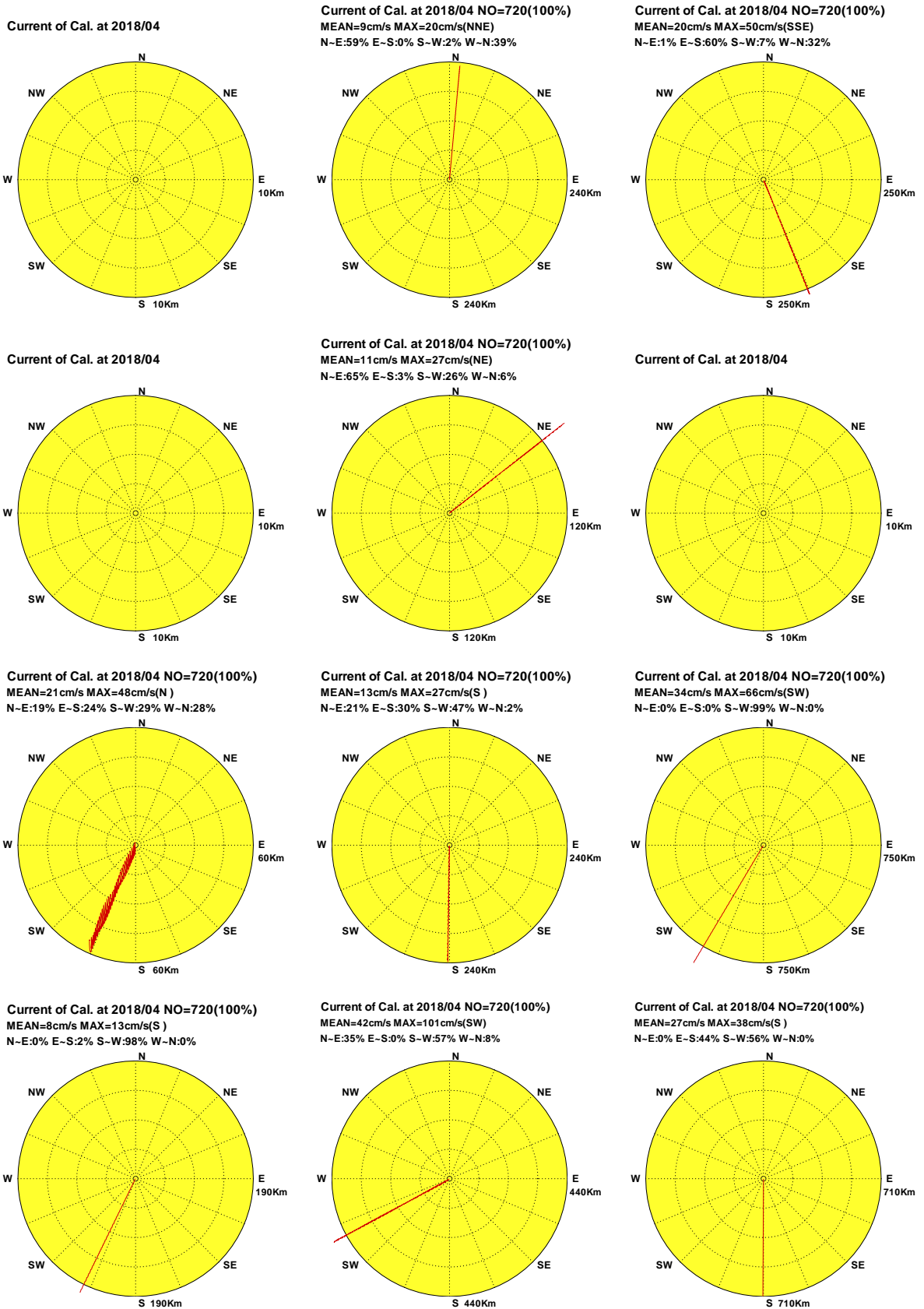


圖7.5d 2018年4月12海域主要測站2計算潮流向量行進圖

C184TPY0.1HD C184KLY0.1HD C184SAY0.1HD C184HLY0.1HD C184LTY0.1HD C184PNY0.1HD
 C184KHZ0.1HD C184CNA0.1HD C184TCU0.1HD C184PHA0.1HD C184KMA0.1HD C184MSA0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

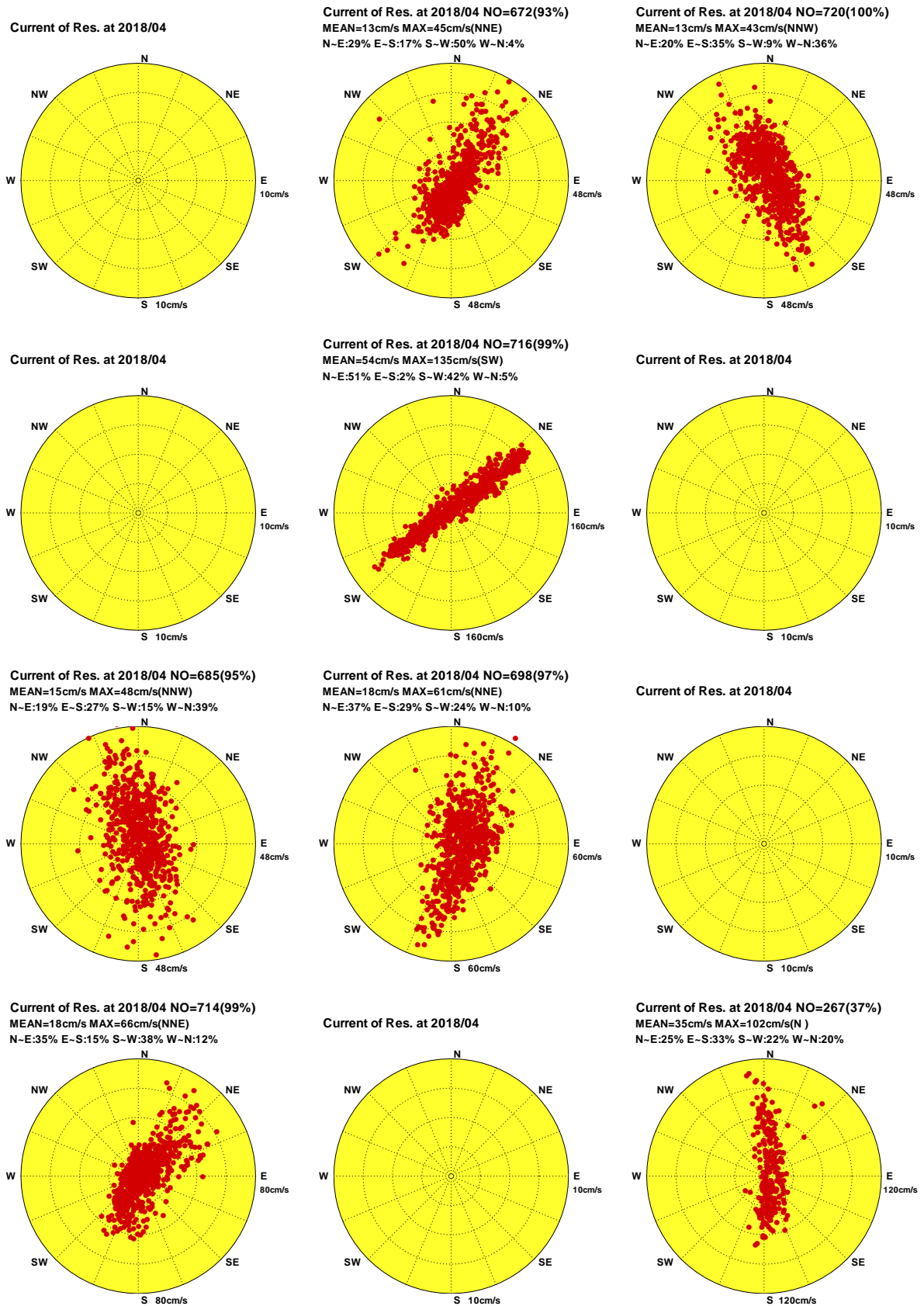


圖7.5e 2018年4月12海域主要測站2計算殘流向量分佈圖

C184TPY0.1HR C184KLY0.1HR C184SAY0.1HR C184HLY0.1HR C184LTY0.1HR C184PNY0.1HR
 C184KHZ0.1HR C184CNA0.1HR C184TCU0.1HR C184PHA0.1HR C184KMA0.1HR C184MSA0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

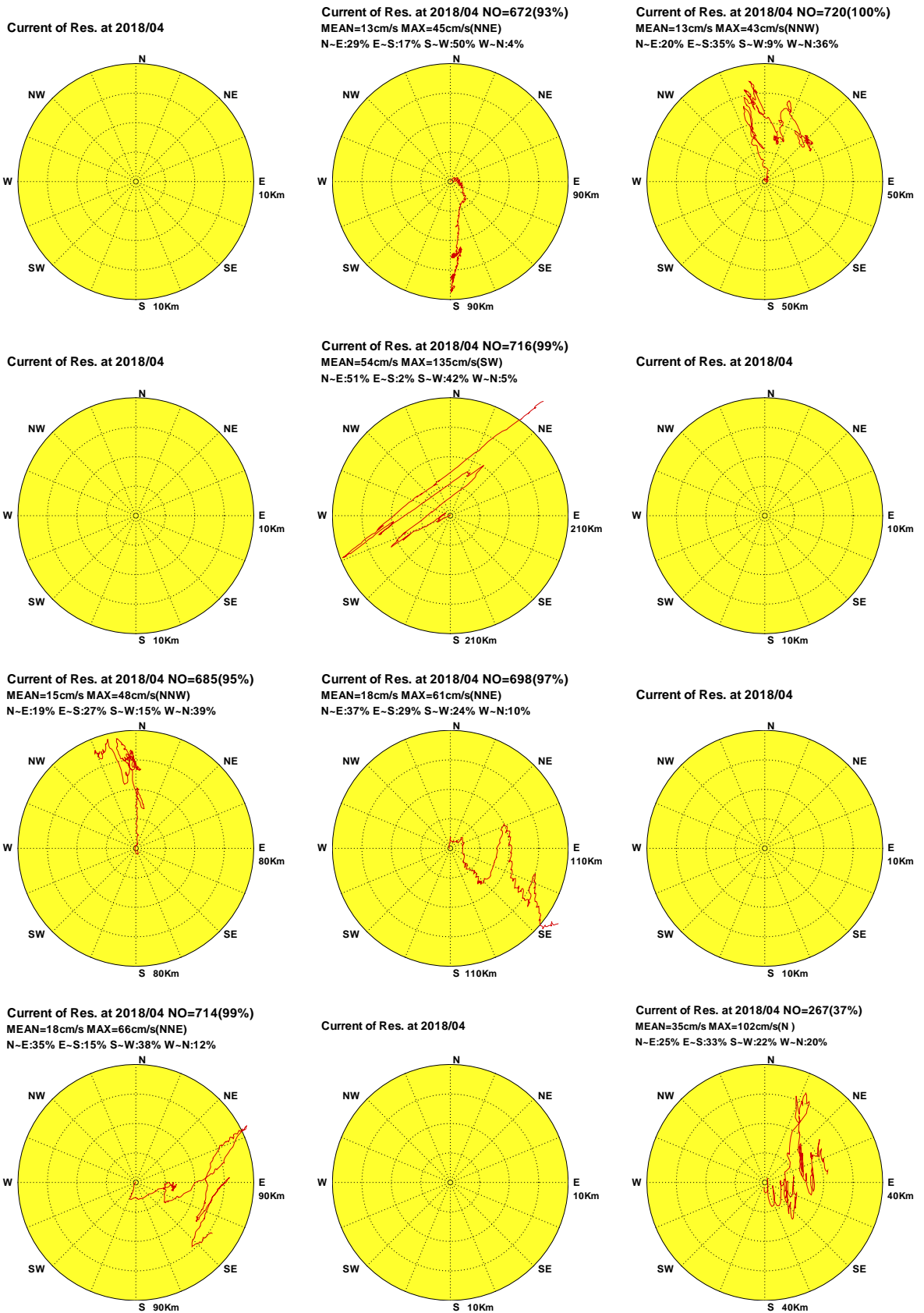


圖7.5f 2018年4月12海域主要測站2計算殘流向量行進圖

C184TPY0.1HR C184KLY0.1HR C184SAY0.1HR C184HLY0.1HR C184LTY0.1HR C184PNY0.1HR
 C184KHZ0.1HR C184CNA0.1HR C184TCU0.1HR C184PHA0.1HR C184KMA0.1HR C184MSA0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

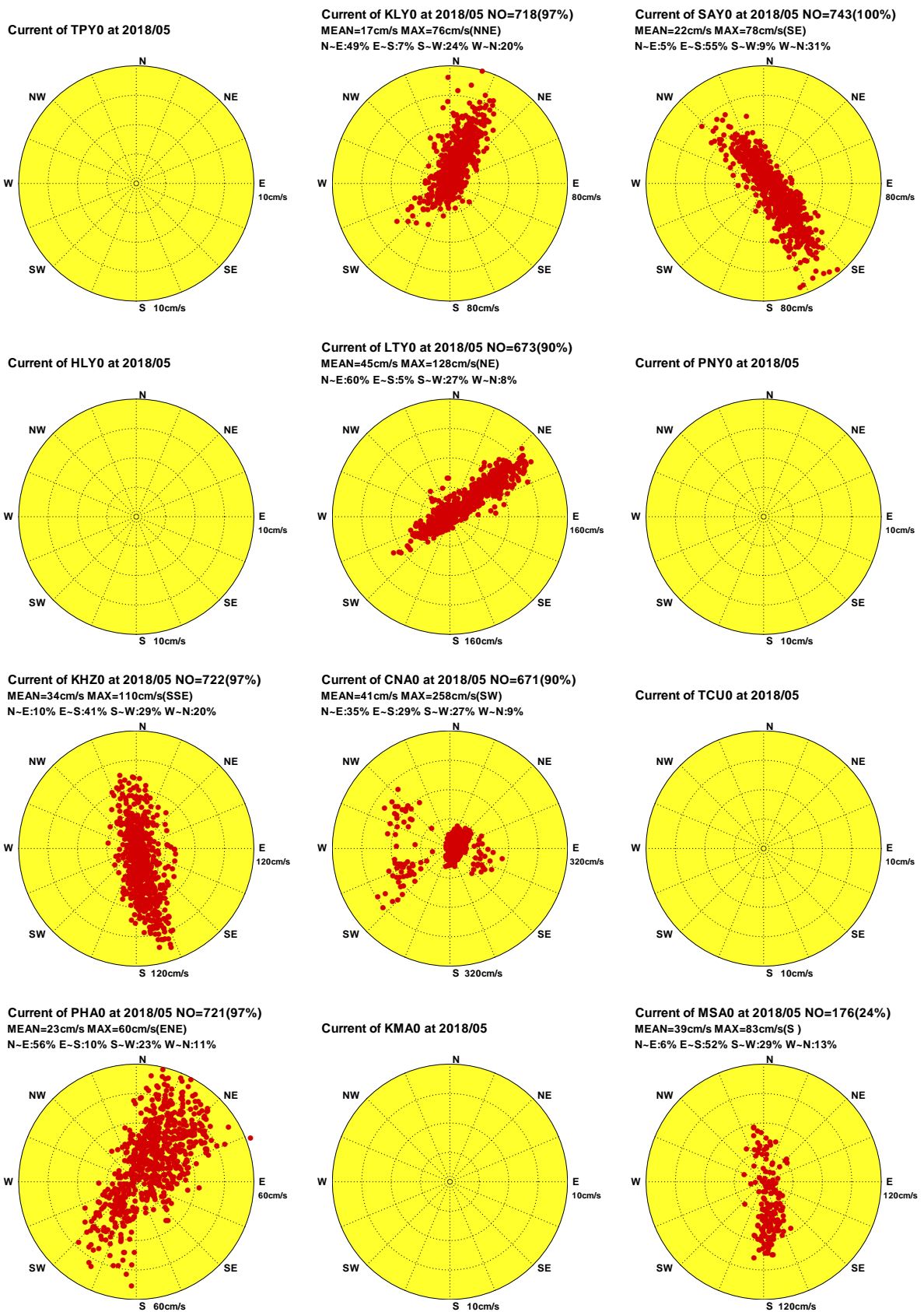


圖7.6a 2018年5月12海域主要測站2觀測海流向量分佈圖

C185TPY0.1H0 C185KLY0.1H0 C185SAY0.1H0 C185HLY0.1H0 C185LTY0.1H0 C185PNY0.1H0
 C185KHZ0.1H0 C185CNA0.1H0 C185TCU0.1H0 C185PHA0.1H0 C185KMA0.1H0 C185MSA0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

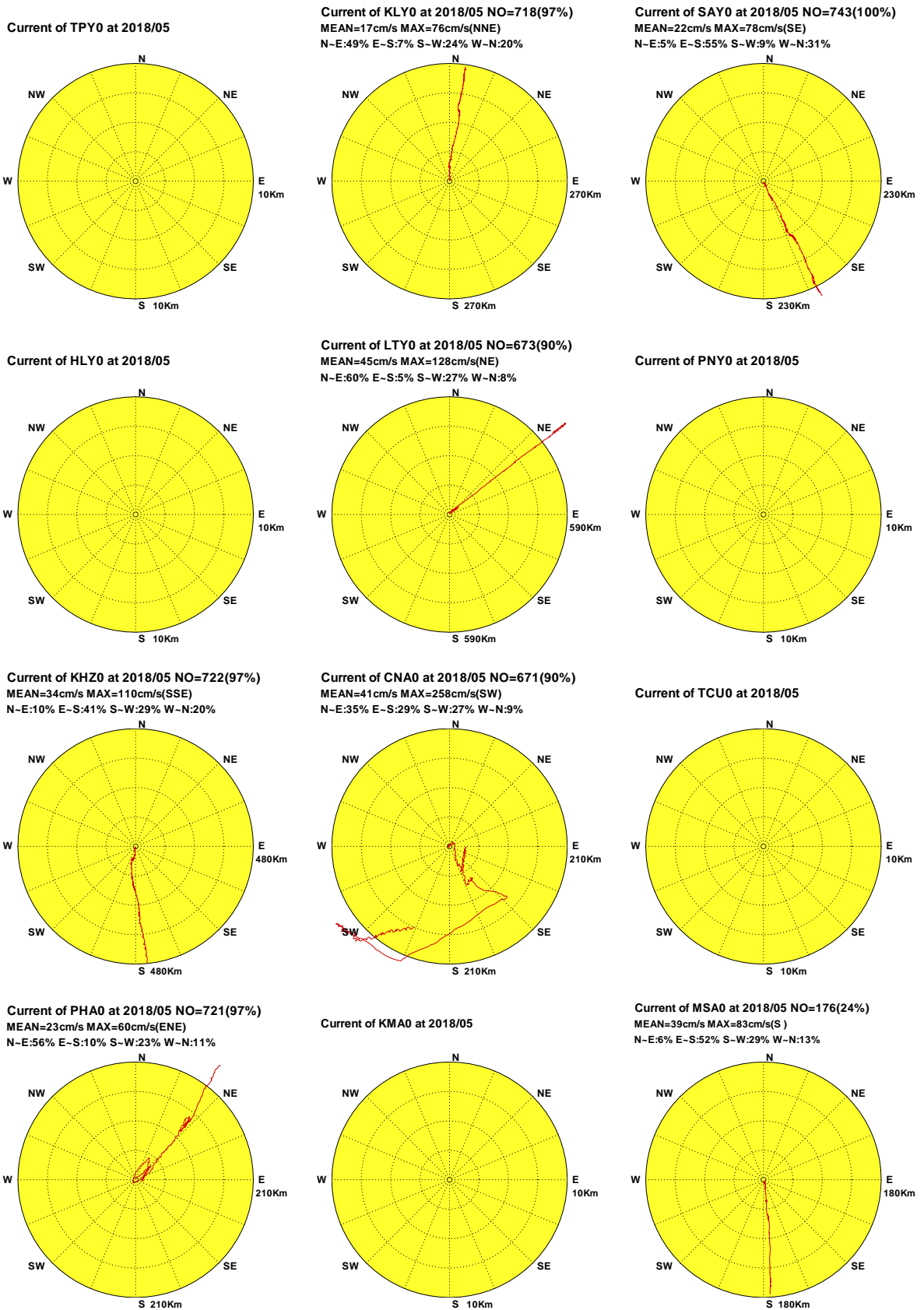


圖7.6b 2018年5月12海域主要測站2觀測海流向量行進圖

C185TPY0.1H0 C185KLY0.1H0 C185SAY0.1H0 C185HLY0.1H0 C185LTY0.1H0 C185PNY0.1H0
C185KHZ0.1H0 C185CNA0.1H0 C185TCU0.1H0 C185PHA0.1H0 C185KMA0.1H0 C185MSA0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

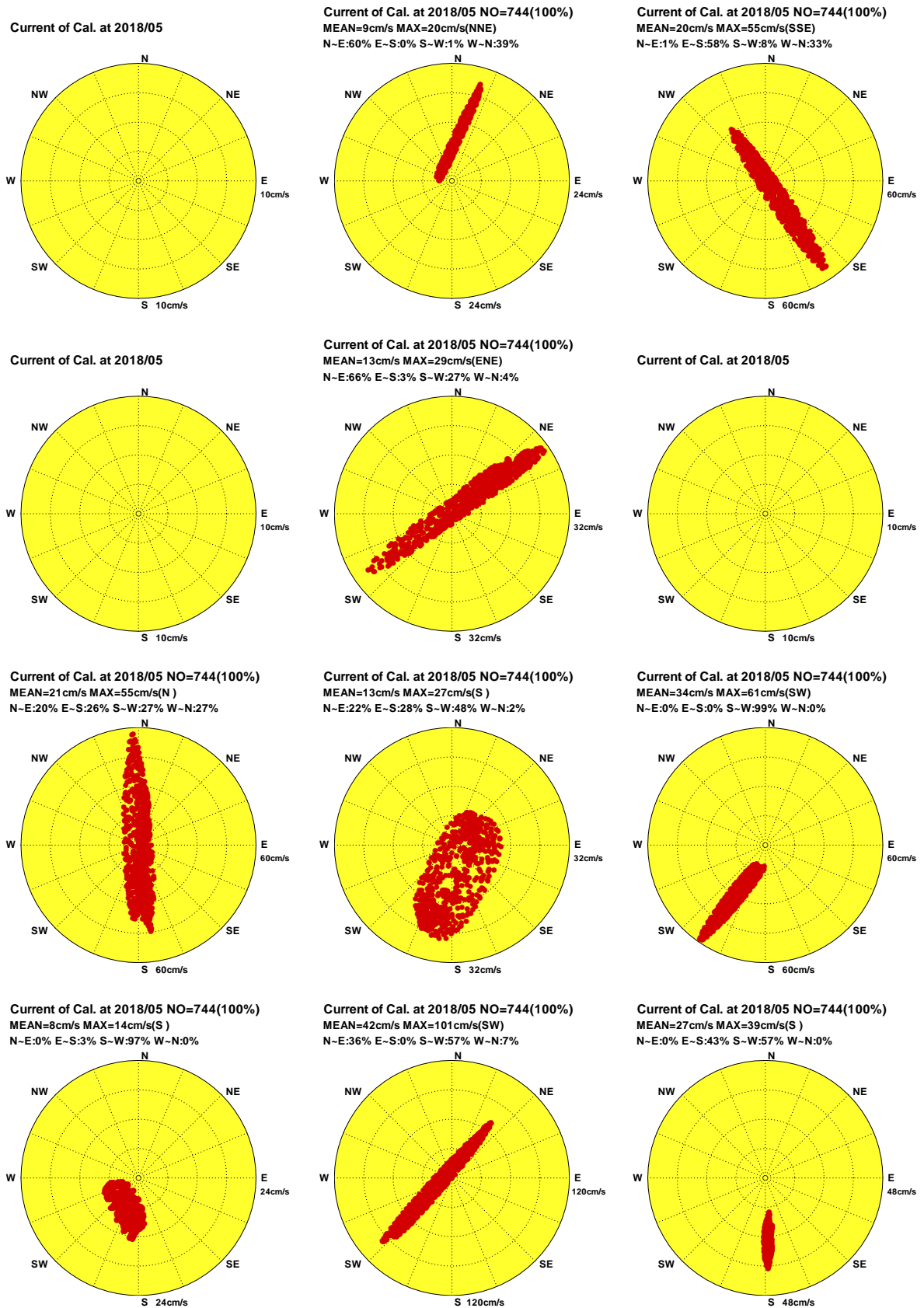


圖7.6c 2018年5月12海域主要測站2計算潮流向量分佈圖

C185TPY0.1HD C185KLY0.1HD C185SAY0.1HD C185HLY0.1HD C185LTY0.1HD C185PNY0.1HD
C185KHZ0.1HD C185CNA0.1HD C185TCU0.1HD C185PHA0.1HD C185KMA0.1HD C185MSA0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

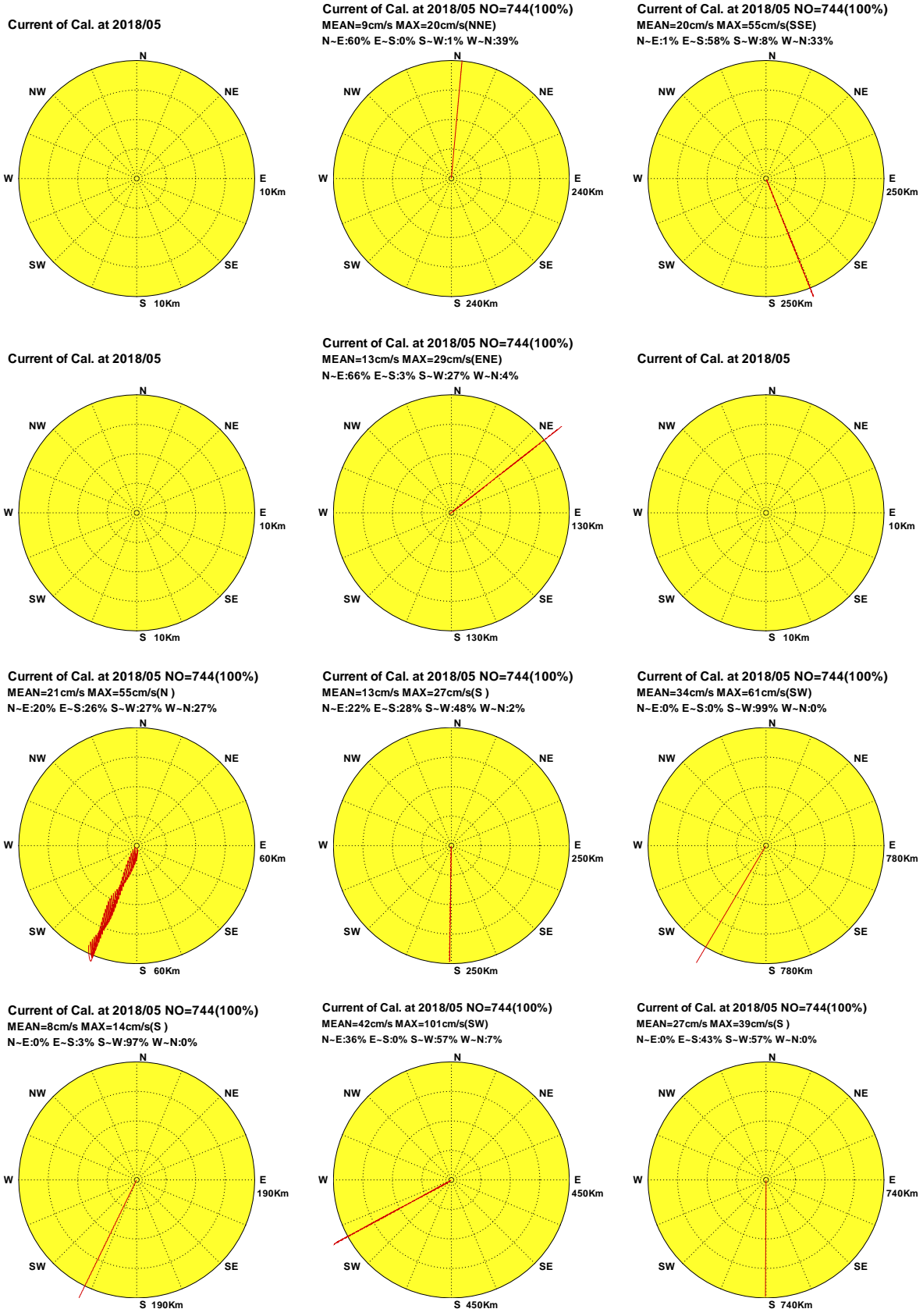


圖7.6d 2018年5月12海域主要測站2計算潮流向量行進圖

C185TYP0.1HD C185KLY0.1HD C185SAY0.1HD C185HLY0.1HD C185LTY0.1HD C185PNY0.1HD
 C185KHZ0.1HD C185CNA0.1HD C185TCU0.1HD C185PHA0.1HD C185KMA0.1HD C185MSA0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

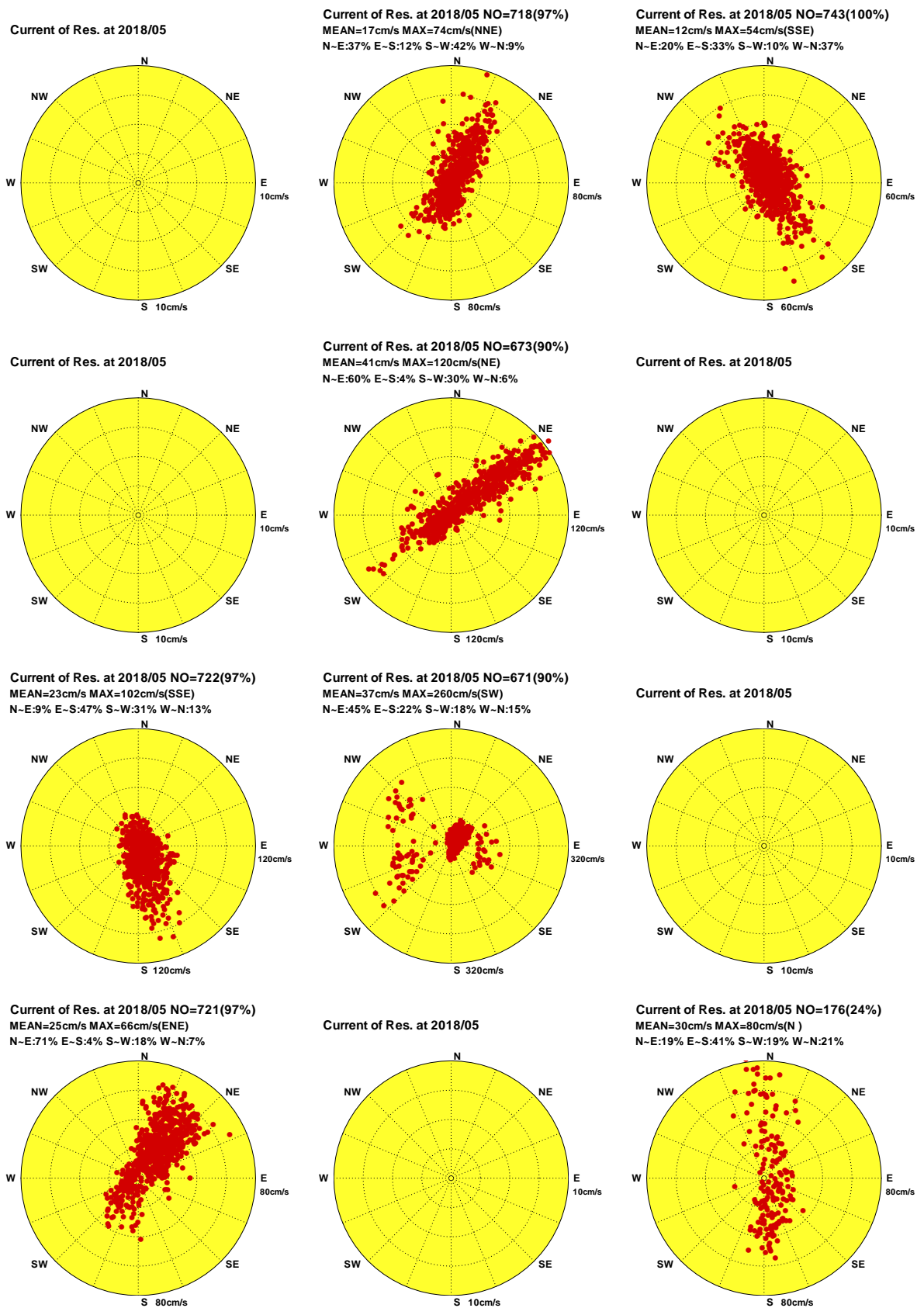


圖7.6e 2018年5月12海域主要測站2計算殘流向量分佈圖

C185TPY0.1HR C185KLY0.1HR C185SAY0.1HR C185HLY0.1HR C185LTY0.1HR C185PNY0.1HR
 C185KHZ0.1HR C185CNA0.1HR C185TCU0.1HR C185PHA0.1HR C185KMA0.1HR C185MSA0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

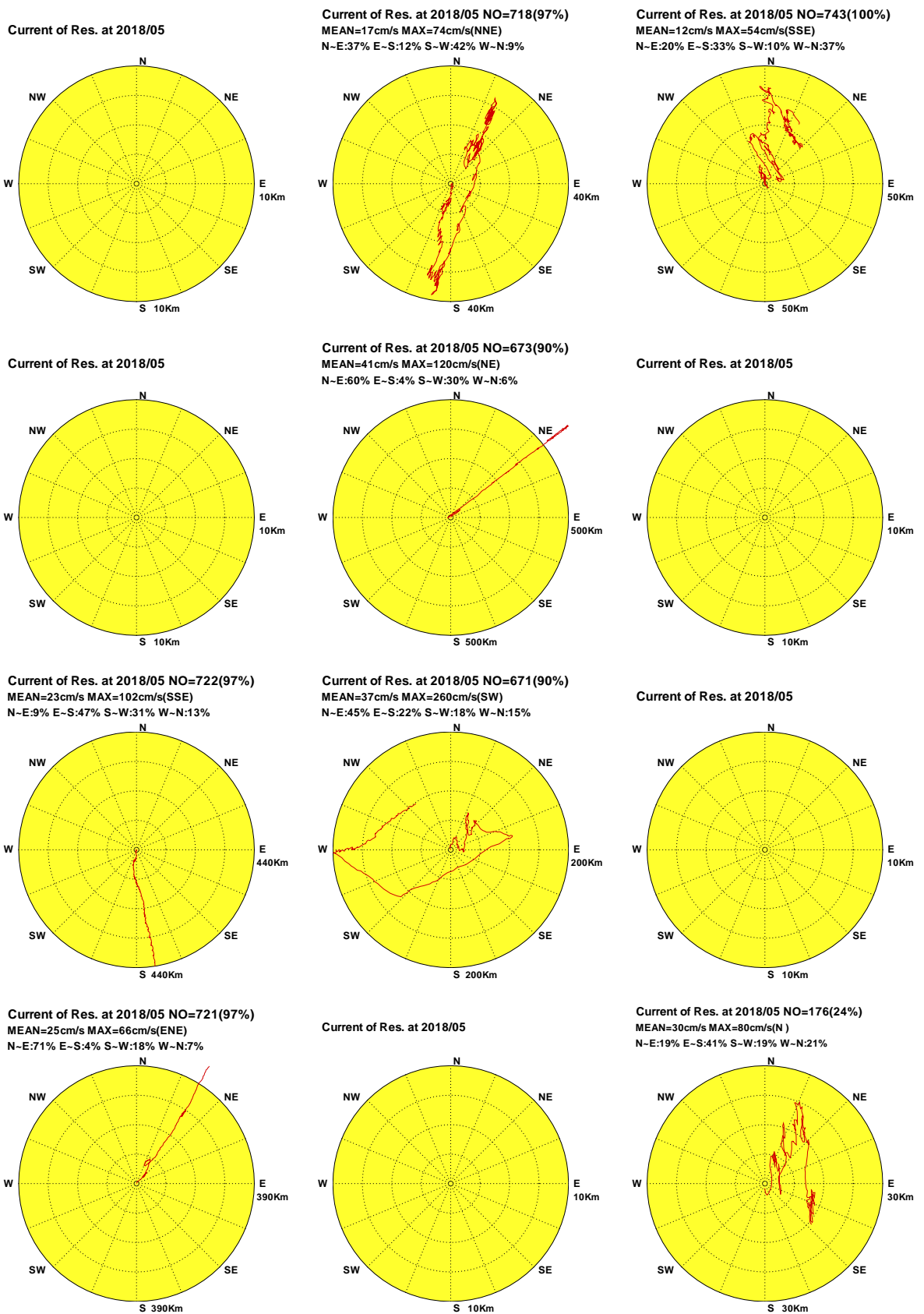


圖7.6f 2018年5月12海域主要測站2計算殘流向量行進圖

C185TPY0.1HR C185KLY0.1HR C185SAY0.1HR C185HLY0.1HR C185LTY0.1HR C185PNY0.1HR
 C185KHZ0.1HR C185CNA0.1HR C185TCU0.1HR C185PHA0.1HR C185KMA0.1HR C185MSA0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

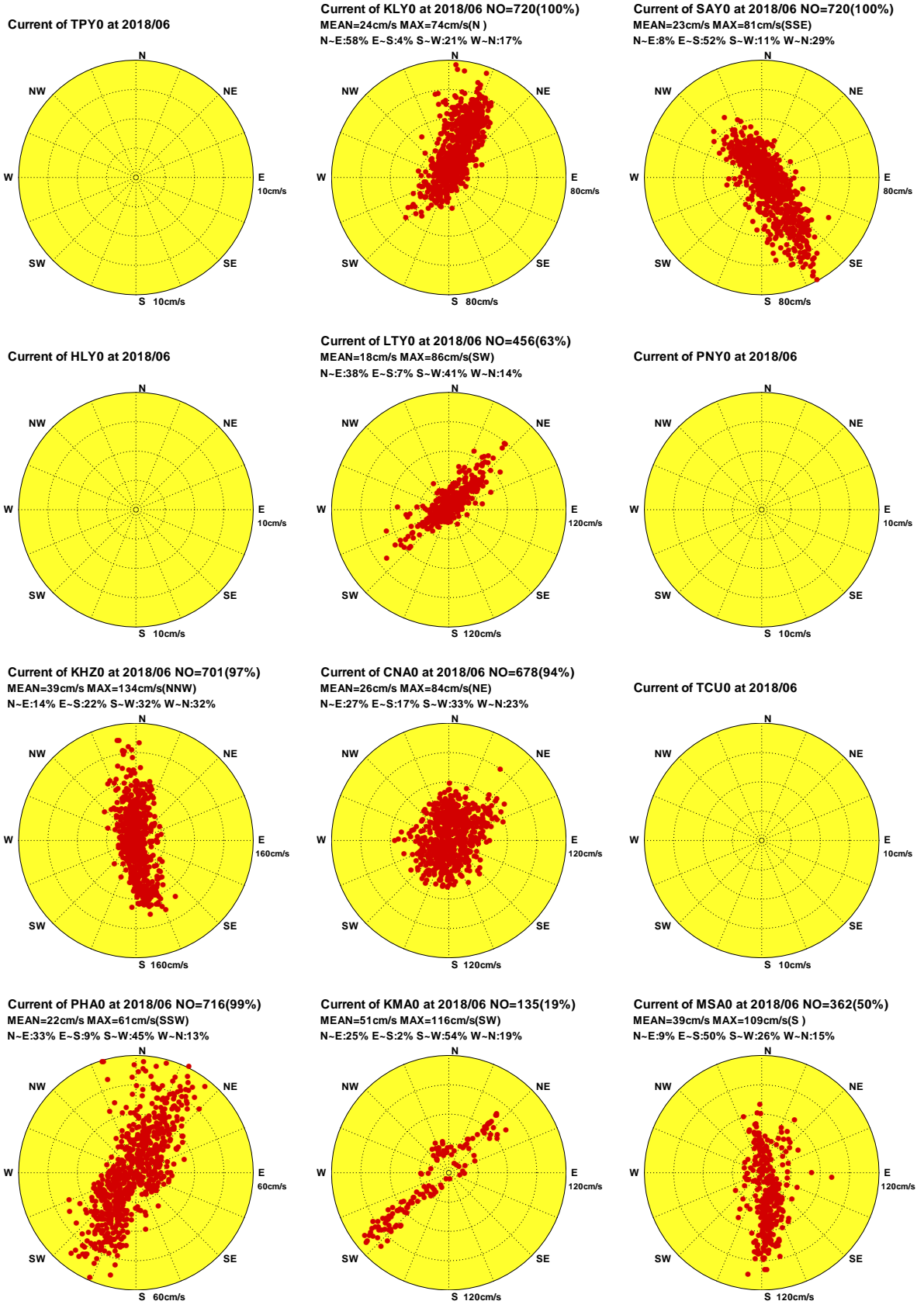


圖7.7a 2018年6月12海域主要測站2觀測海流向量分佈圖

C186TPY0.1H0 C186KLY0.1H0 C186SAY0.1H0 C186HLY0.1H0 C186LTY0.1H0 C186PNY0.1H0
 C186KHZ0.1H0 C186CNA0.1H0 C186TCU0.1H0 C186PHA0.1H0 C186KMA0.1H0 C186MSA0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

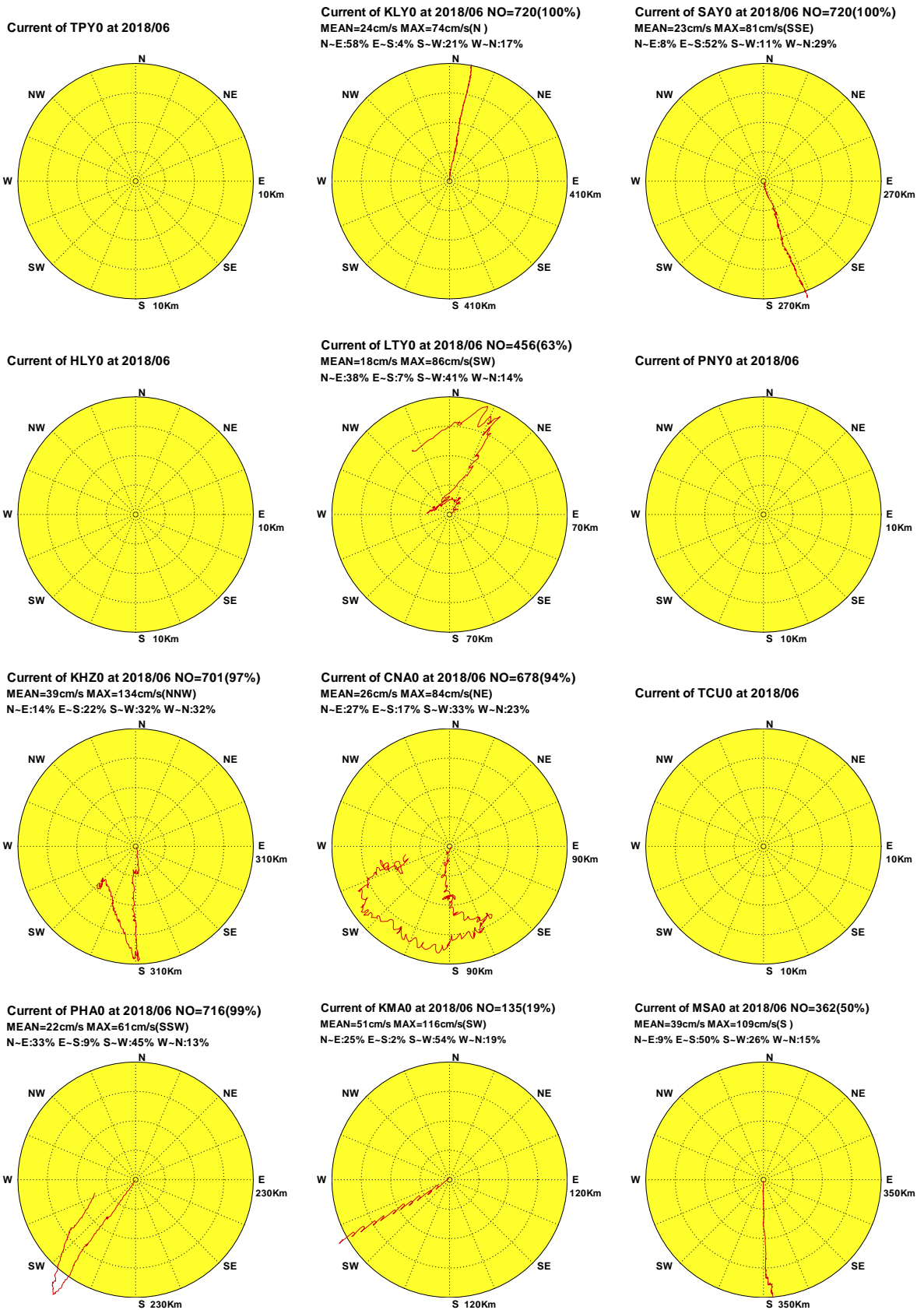


圖7.7b 2018年6月12海域主要測站2觀測海流向量行進圖

C186TPY0.1H0 C186KLY0.1H0 C186SAY0.1H0 C186HLY0.1H0 C186LTY0.1H0 C186PNY0.1H0
 C186KHZ0.1H0 C186CNA0.1H0 C186TCU0.1H0 C186PHA0.1H0 C186KMA0.1H0 C186MSA0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

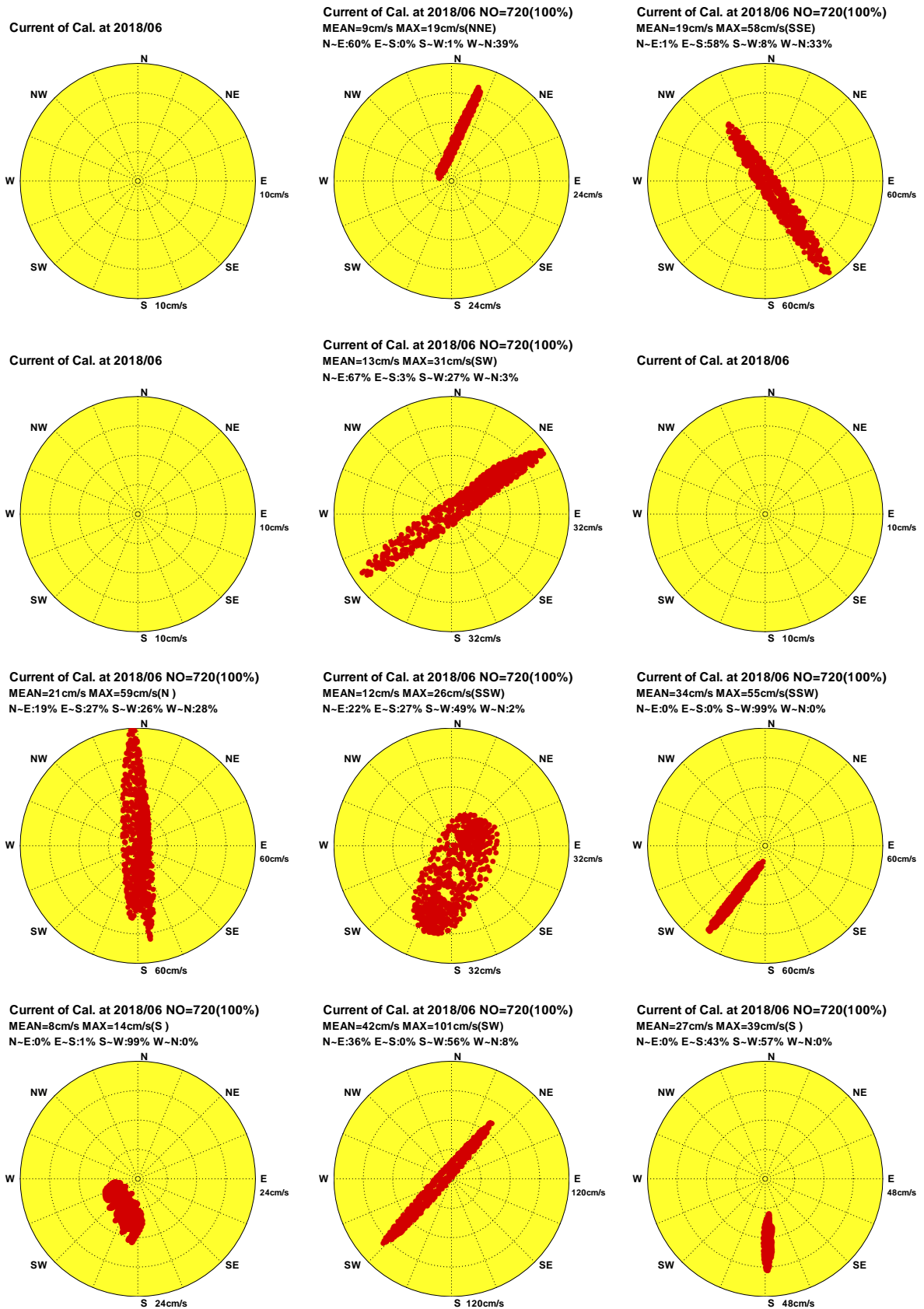


圖7.7c 2018年6月12海域主要測站2計算潮流向量分佈圖

C186TYP0.1HD C186KLY0.1HD C186SAY0.1HD C186HLY0.1HD C186LTY0.1HD C186PNY0.1HD
 C186KHZ0.1HD C186CNA0.1HD C186TCU0.1HD C186PHA0.1HD C186KMA0.1HD C186MSA0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

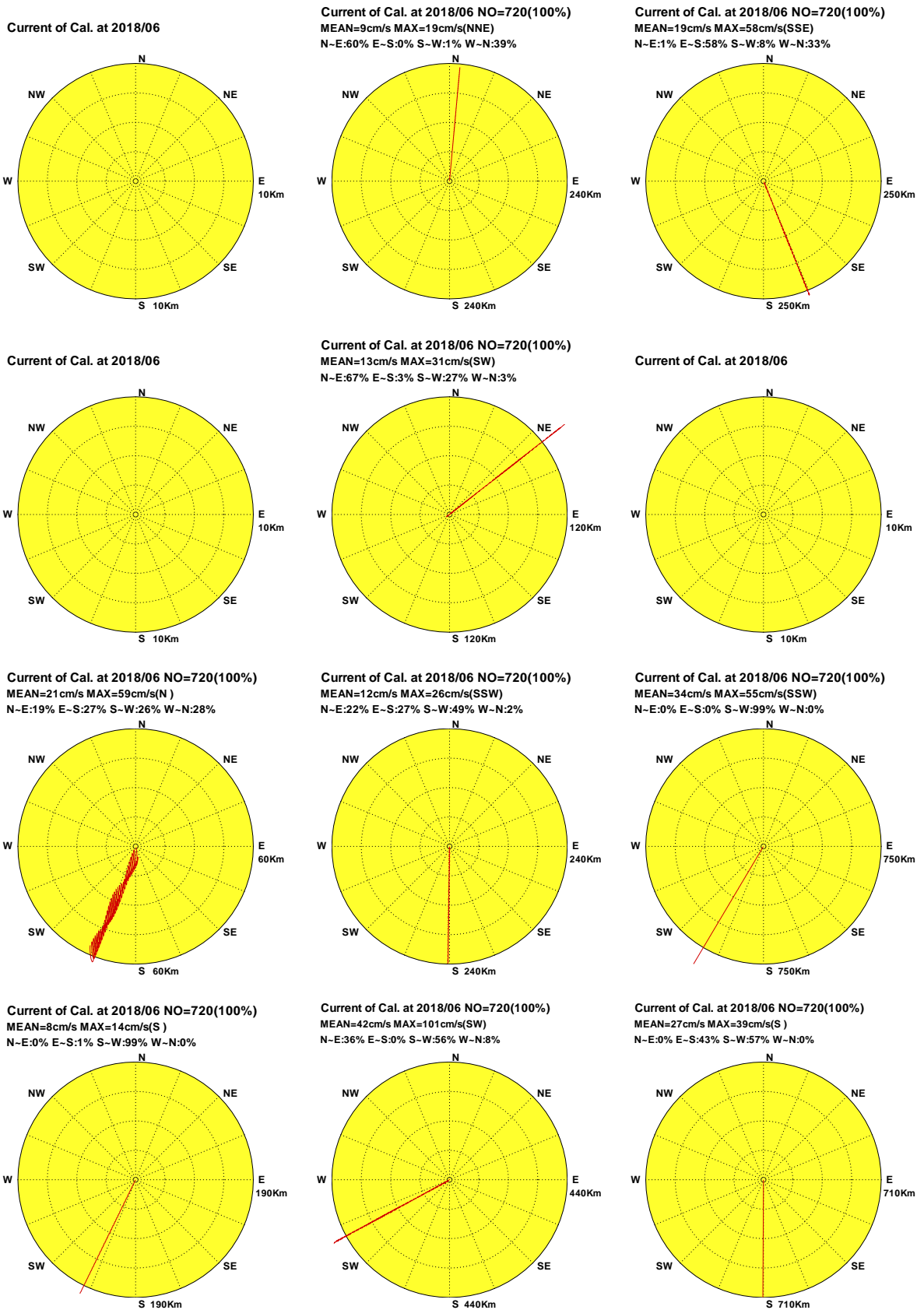


圖7.7d 2018年6月12海域主要測站2計算潮流向量行進圖

Distribution of Current Vectors

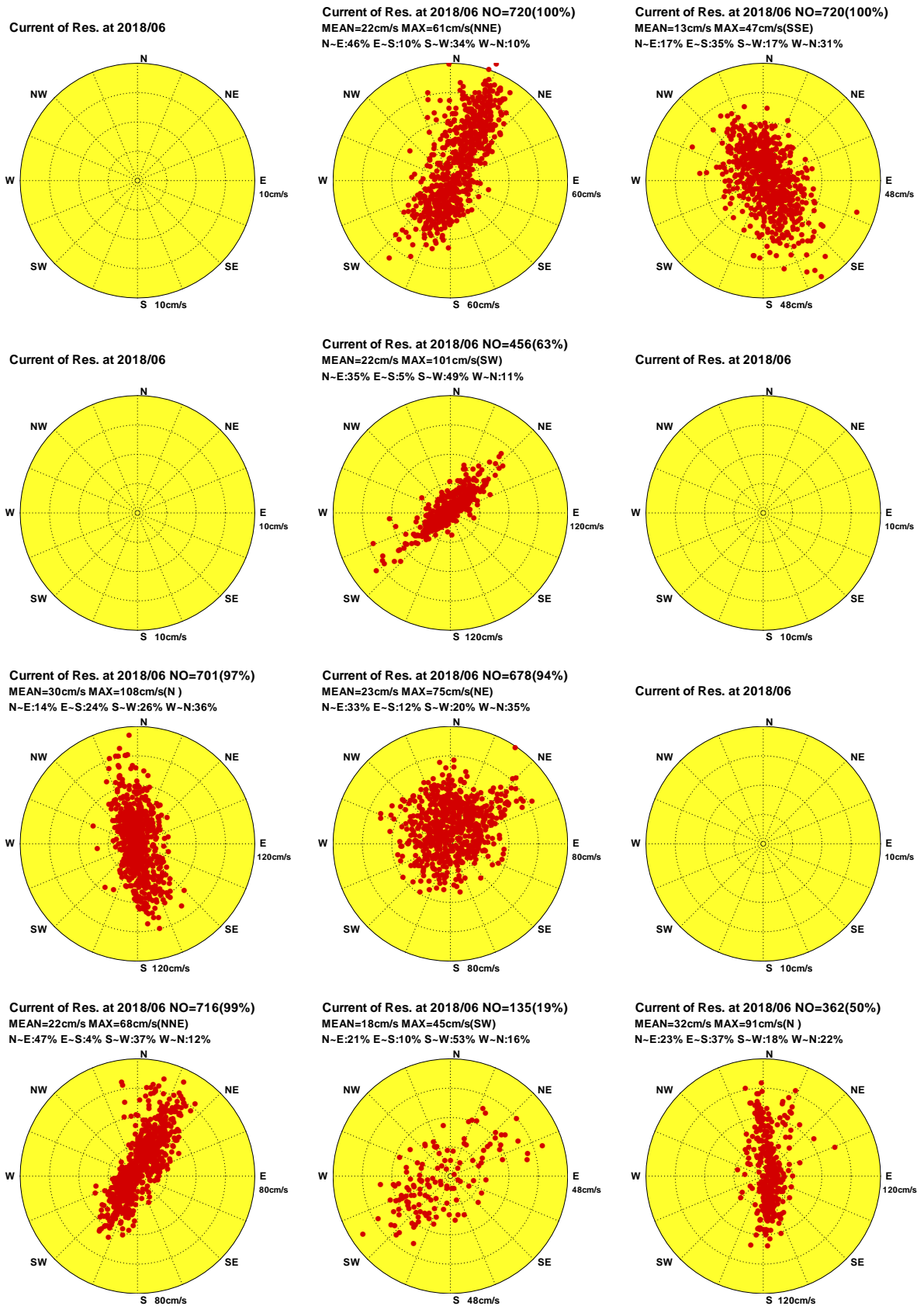


圖7.7e 2018年6月12海域主要測站2計算殘流向量分佈圖

C186TPY0.1HR C186KLY0.1HR C186SAY0.1HR C186HLY0.1HR C186LTY0.1HR C186PNY0.1HR
 C186KHZ0.1HR C186CNA0.1HR C186TCU0.1HR C186PHA0.1HR C186KMA0.1HR C186MSA0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

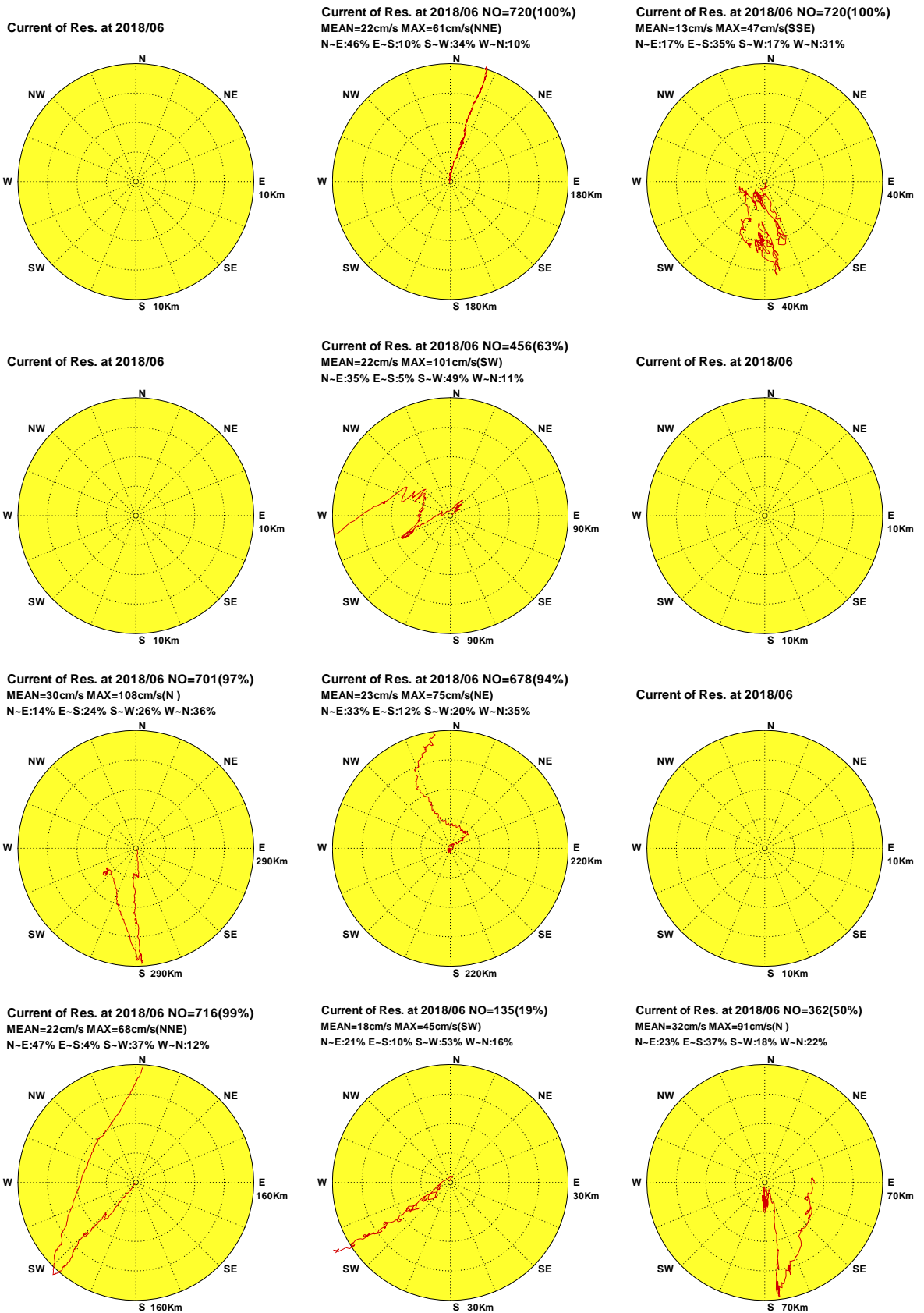


圖7.7f 2018年6月12海域主要測站2計算殘流向量行進圖

C186TPY0.1HR C186KLY0.1HR C186SAY0.1HR C186HLY0.1HR C186LTY0.1HR C186PNY0.1HR
 C186KHZ0.1HR C186CNA0.1HR C186TCU0.1HR C186PHA0.1HR C186KMA0.1HR C186MSA0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

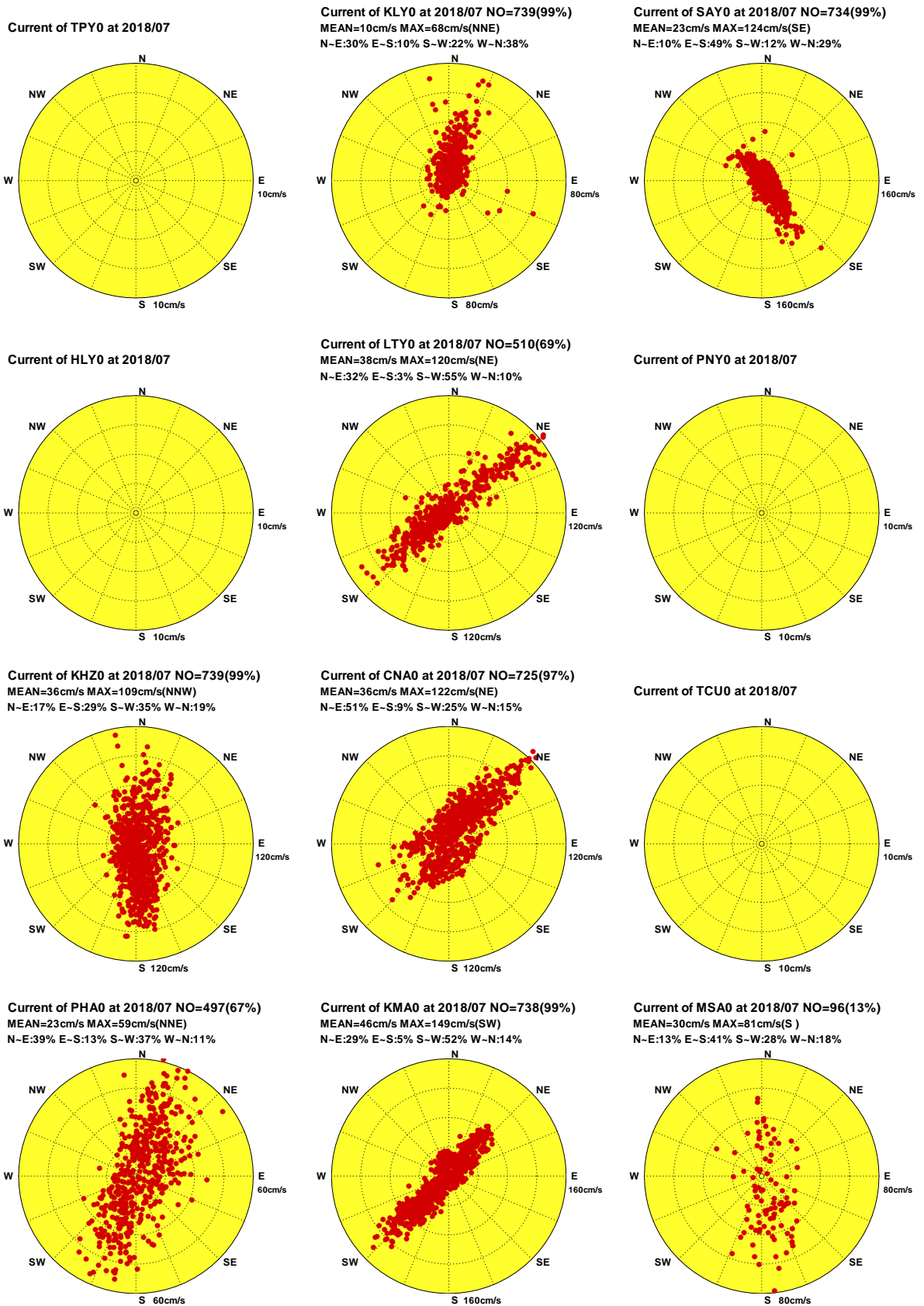


圖7.8a 2018年7月12海域主要測站2觀測海流向量分佈圖

C187TPY0.1H0 C187KLY0.1H0 C187SAY0.1H0 C187HLY0.1H0 C187LTY0.1H0 C187PNY0.1H0
 C187KHZ0.1H0 C187CNA0.1H0 C187TCU0.1H0 C187PHA0.1H0 C187KMA0.1H0 C187MSA0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

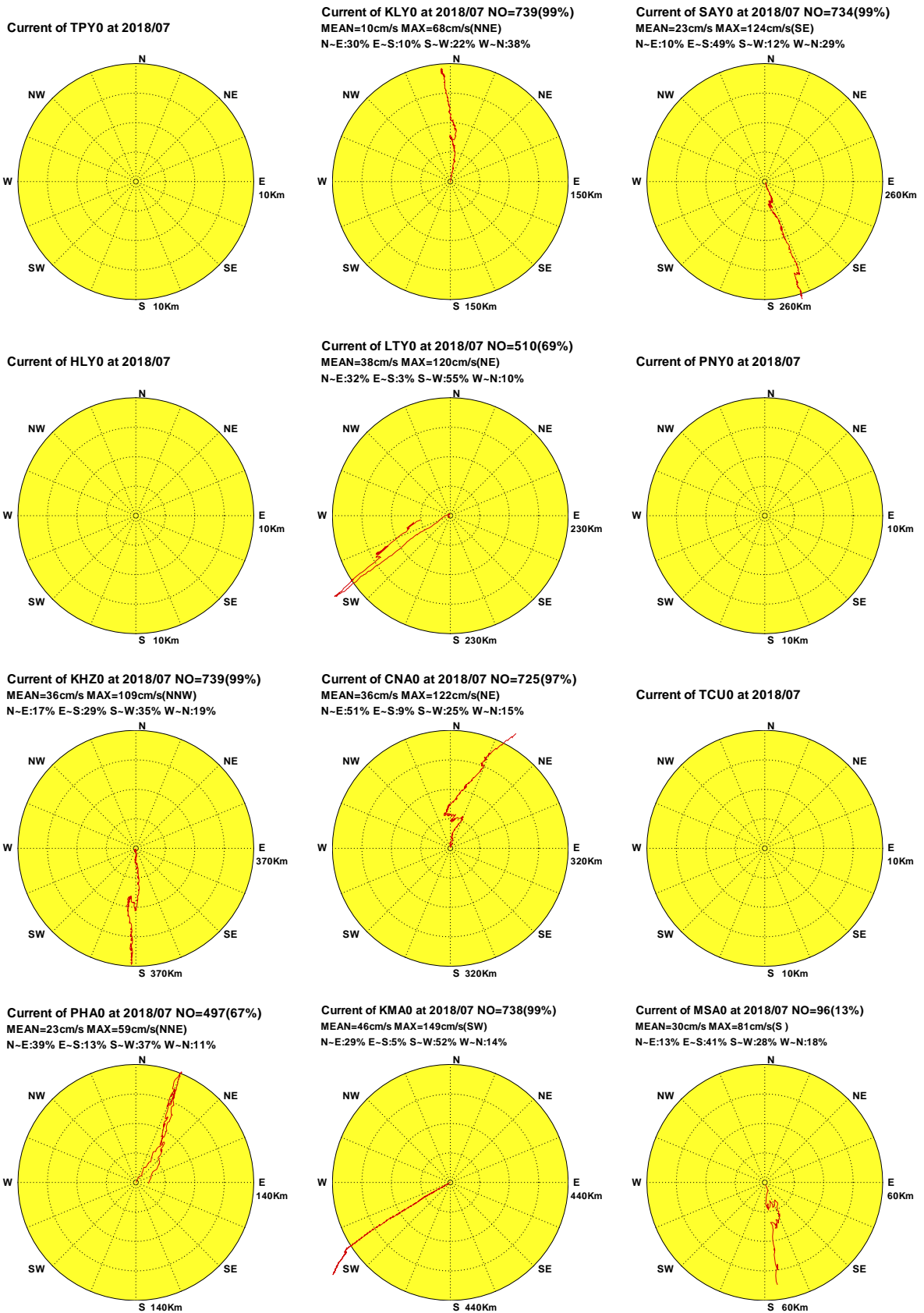


圖7.8b 2018年7月12海域主要測站2觀測海流向量行進圖

C187TPY0.1H0 C187KLY0.1H0 C187SAY0.1H0 C187HLY0.1H0 C187LTY0.1H0 C187PNY0.1H0
 C187KHZ0.1H0 C187CNA0.1H0 C187TCU0.1H0 C187PHA0.1H0 C187KMA0.1H0 C187MSA0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

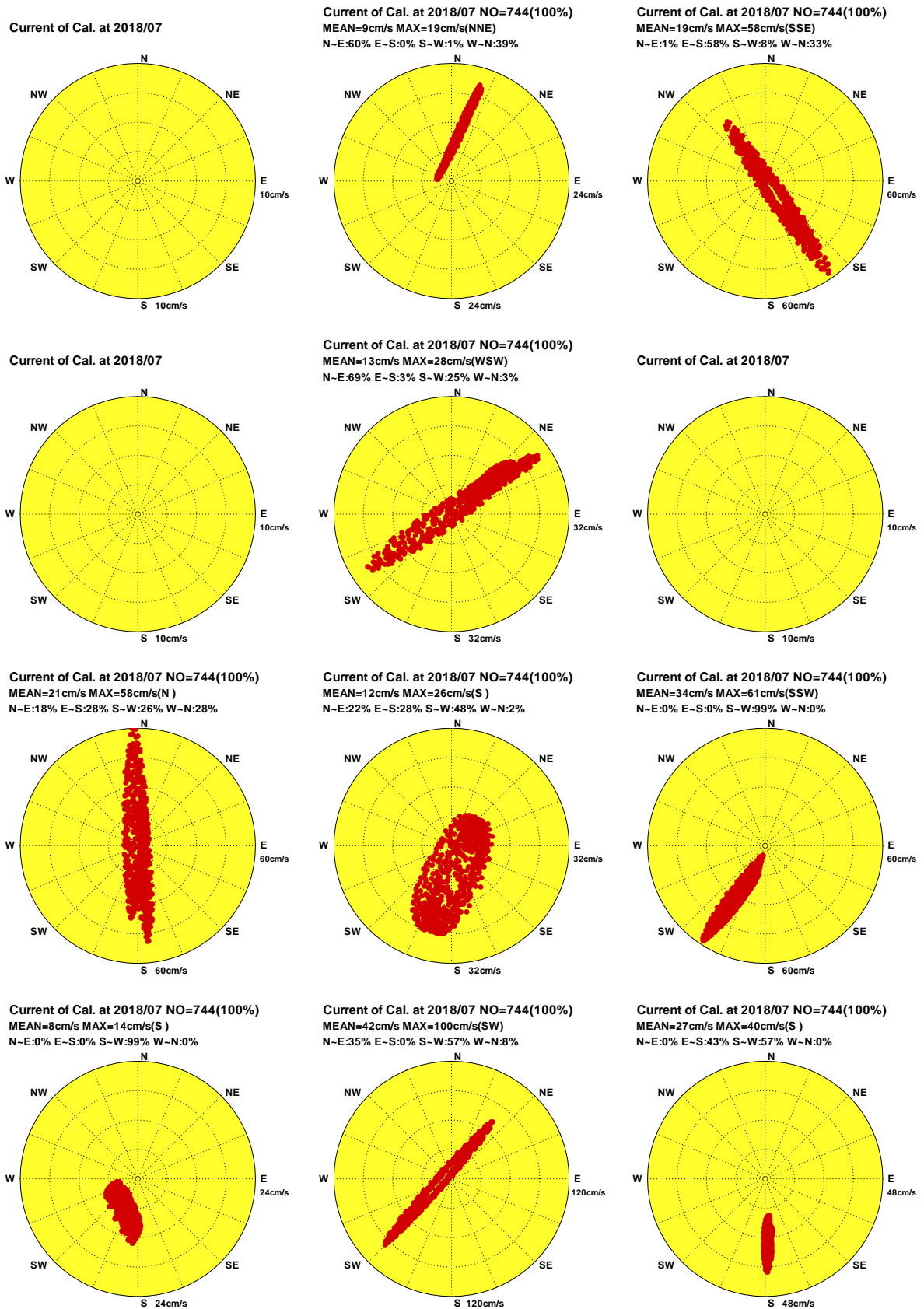


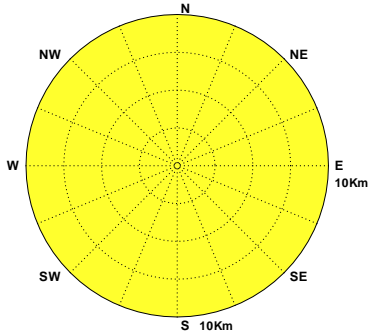
圖7.8c 2018年7月12海域主要測站2計算潮流向量分佈圖

C187TPY0.1HD C187KLY0.1HD C187SAY0.1HD C187HLY0.1HD C187LTY0.1HD C187PNY0.1HD
 C187KHZ0.1HD C187CNA0.1HD C187TCU0.1HD C187PHA0.1HD C187KMA0.1HD C187MSA0.1HD

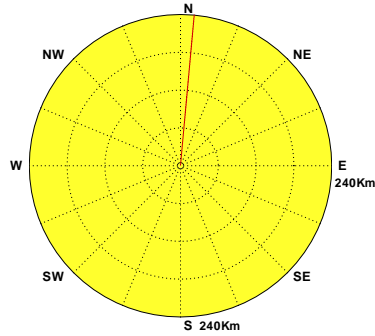
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

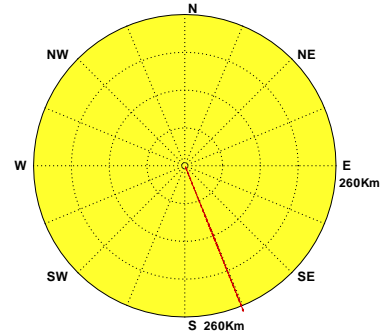
Current of Cal. at 2018/07



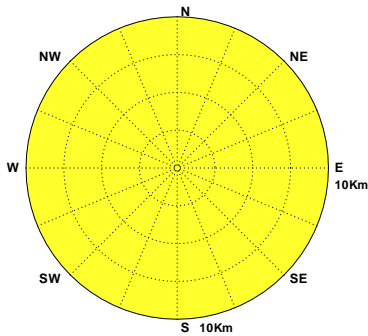
Current of Cal. at 2018/07 NO=744(100%)
MEAN=9cm/s MAX=19cm/s(NNE)
N-E:60% E-S:0% S-W:1% W-N:39%



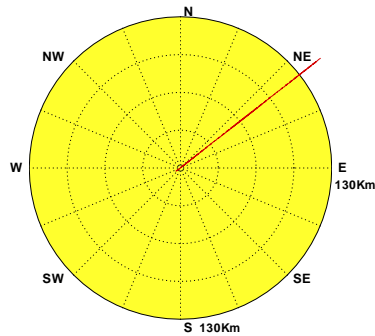
Current of Cal. at 2018/07 NO=744(100%)
MEAN=19cm/s MAX=58cm/s(SSE)
N-E:1% E-S:58% S-W:8% W-N:33%



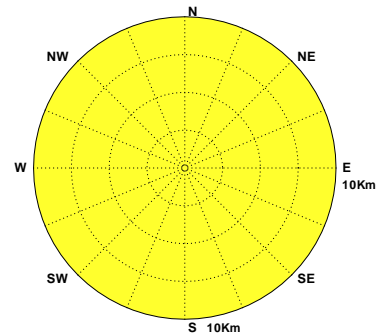
Current of Cal. at 2018/07



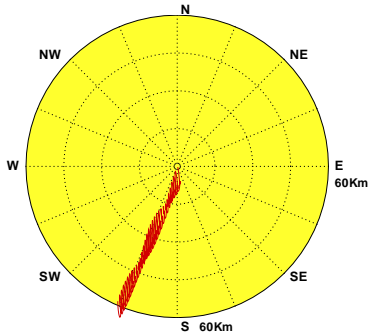
Current of Cal. at 2018/07 NO=744(100%)
MEAN=13cm/s MAX=28cm/s(WSW)
N-E:69% E-S:3% S-W:25% W-N:3%



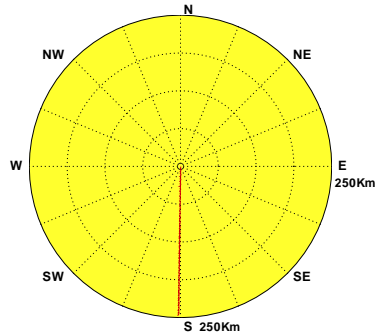
Current of Cal. at 2018/07



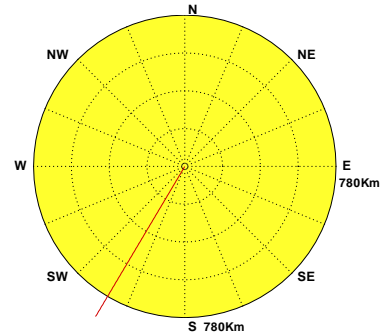
Current of Cal. at 2018/07 NO=744(100%)
MEAN=21cm/s MAX=58cm/s(N)
N-E:18% E-S:28% S-W:26% W-N:28%



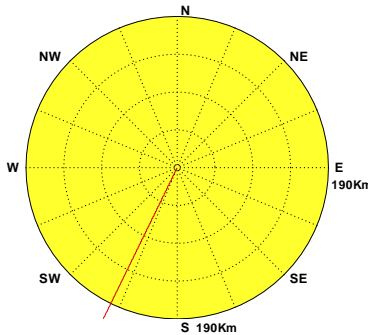
Current of Cal. at 2018/07 NO=744(100%)
MEAN=12cm/s MAX=26cm/s(S)
N-E:22% E-S:28% S-W:48% W-N:2%



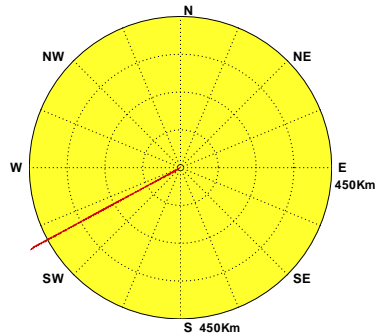
Current of Cal. at 2018/07 NO=744(100%)
MEAN=34cm/s MAX=61cm/s(SSW)
N-E:0% E-S:0% S-W:99% W-N:0%



Current of Cal. at 2018/07 NO=744(100%)
MEAN=8cm/s MAX=14cm/s(S)
N-E:0% E-S:0% S-W:99% W-N:0%



Current of Cal. at 2018/07 NO=744(100%)
MEAN=42cm/s MAX=100cm/s(SW)
N-E:35% E-S:0% S-W:57% W-N:8%



Current of Cal. at 2018/07 NO=744(100%)
MEAN=27cm/s MAX=40cm/s(S)
N-E:0% E-S:43% S-W:57% W-N:0%

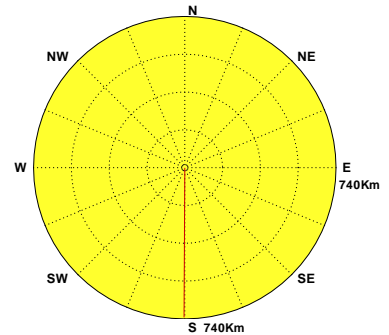


圖7.8d 2018年7月12海域主要測站2計算潮流向量行進圖

C187TPY0.1HD C187KLY0.1HD C187SAY0.1HD C187HLY0.1HD C187LTY0.1HD C187PNY0.1HD
C187KHZ0.1HD C187CNA0.1HD C187TCU0.1HD C187PHA0.1HD C187KMA0.1HD C187MSA0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

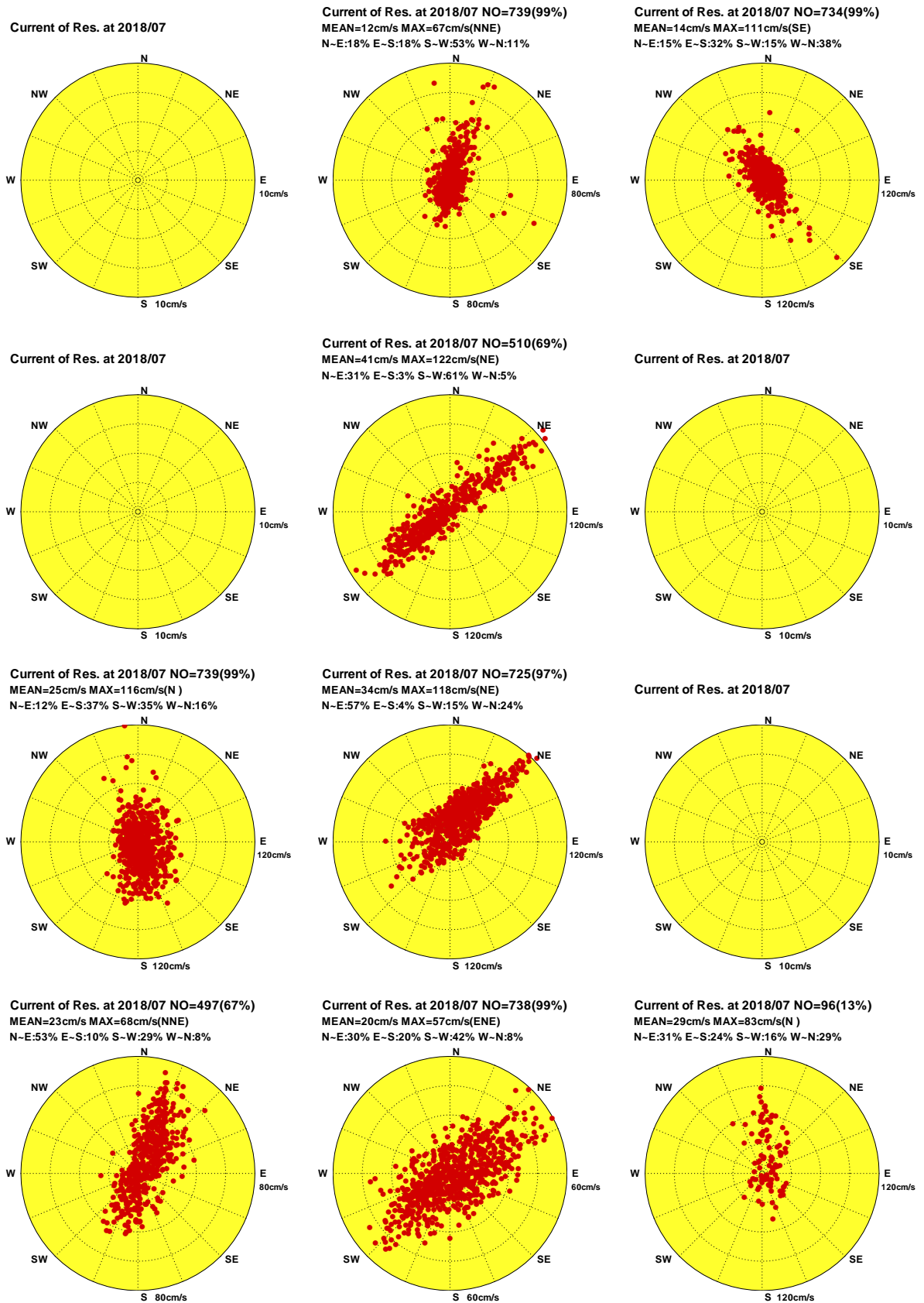


圖7.8e 2018年7月12海域主要測站2計算殘流向量分佈圖

C187TPY0.1HR C187KLY0.1HR C187SAY0.1HR C187HLY0.1HR C187LTY0.1HR C187PNY0.1HR
C187KHZ0.1HR C187CNA0.1HR C187TCU0.1HR C187PHA0.1HR C187KMA0.1HR C187MSA0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

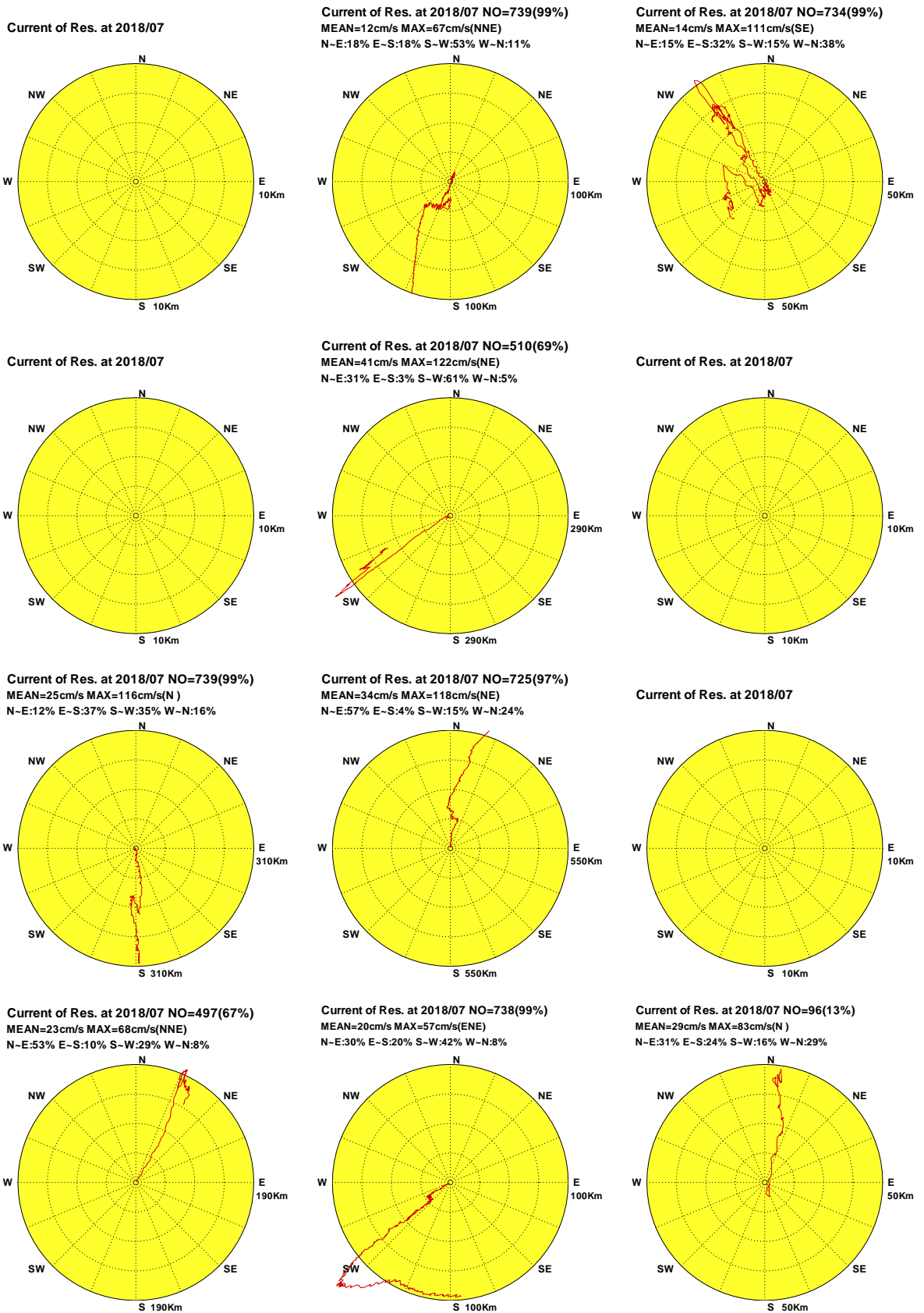


圖7.8f 2018年7月12海域主要測站2計算殘流向量行進圖

C187TPY0.1HR C187KLY0.1HR C187SAY0.1HR C187HLY0.1HR C187LTY0.1HR C187PNY0.1HR
 C187KHZ0.1HR C187CNA0.1HR C187TCU0.1HR C187PHA0.1HR C187KMA0.1HR C187MSA0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

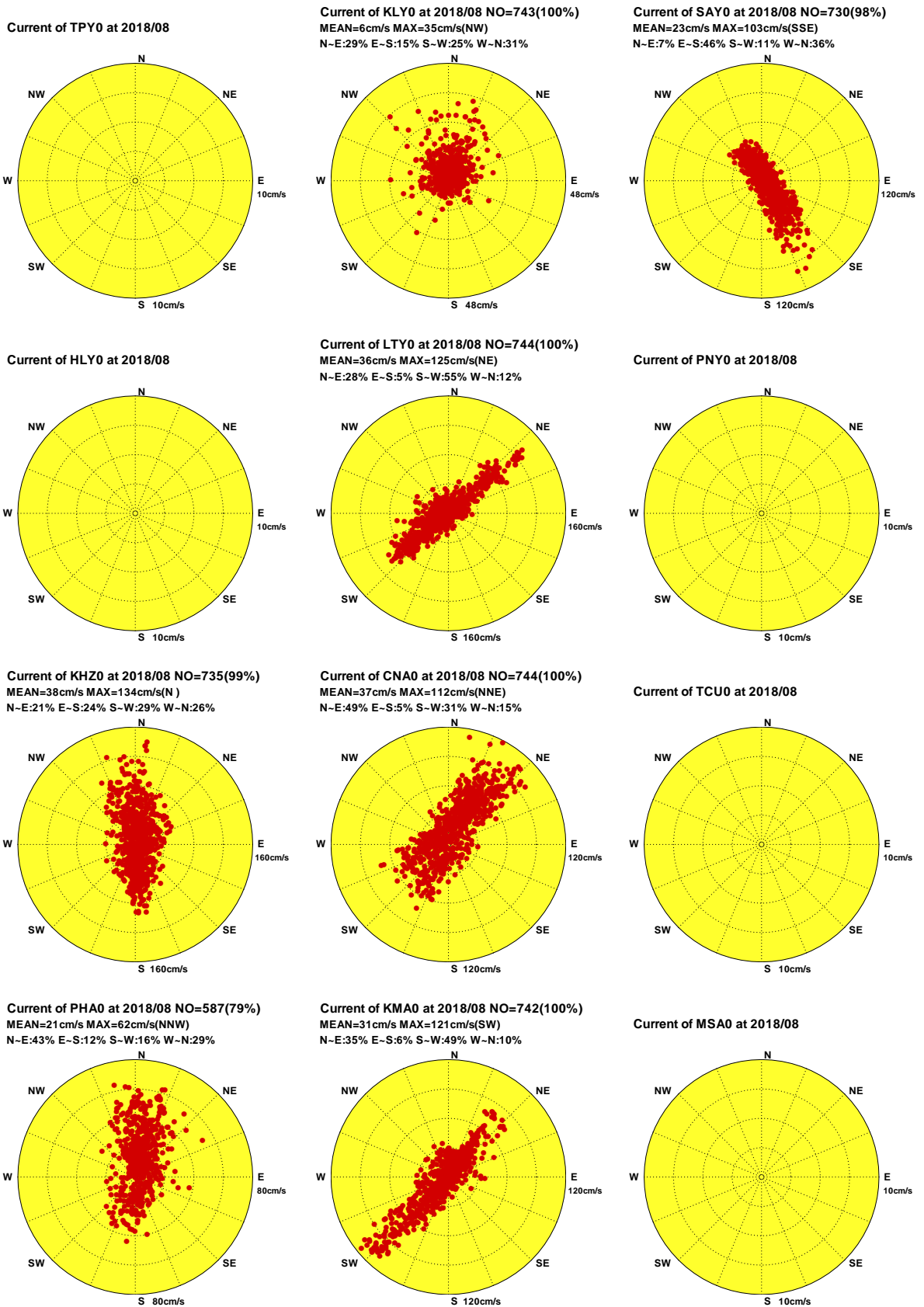


圖7.9a 2018年8月12海域主要測站2觀測海流向量分佈圖

C188TPY0.1H0 C188KLY0.1H0 C188SAY0.1H0 C188HLY0.1H0 C188LTY0.1H0 C188PNY0.1H0
 C188KHZ0.1H0 C188CNA0.1H0 C188TCU0.1H0 C188PHA0.1H0 C188KMA0.1H0 C188MSA0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

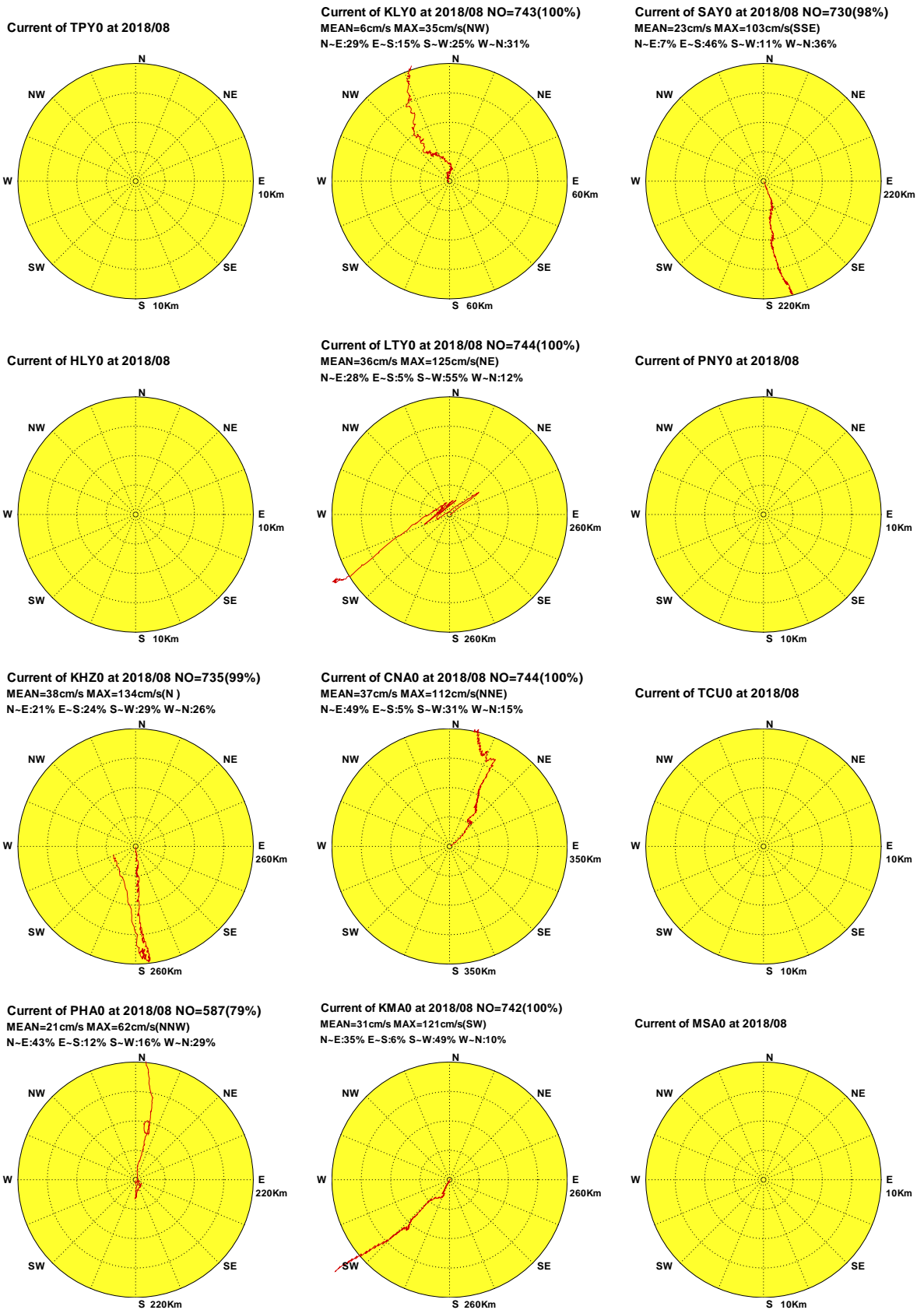


圖7.9b 2018年8月12海域主要測站2觀測海流向量行進圖

C188TPY0.1H0 C188KLY0.1H0 C188SAY0.1H0 C188HLY0.1H0 C188LTY0.1H0 C188PNY0.1H0
 C188KHZ0.1H0 C188CNA0.1H0 C188TCU0.1H0 C188PHA0.1H0 C188KMA0.1H0 C188MSA0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

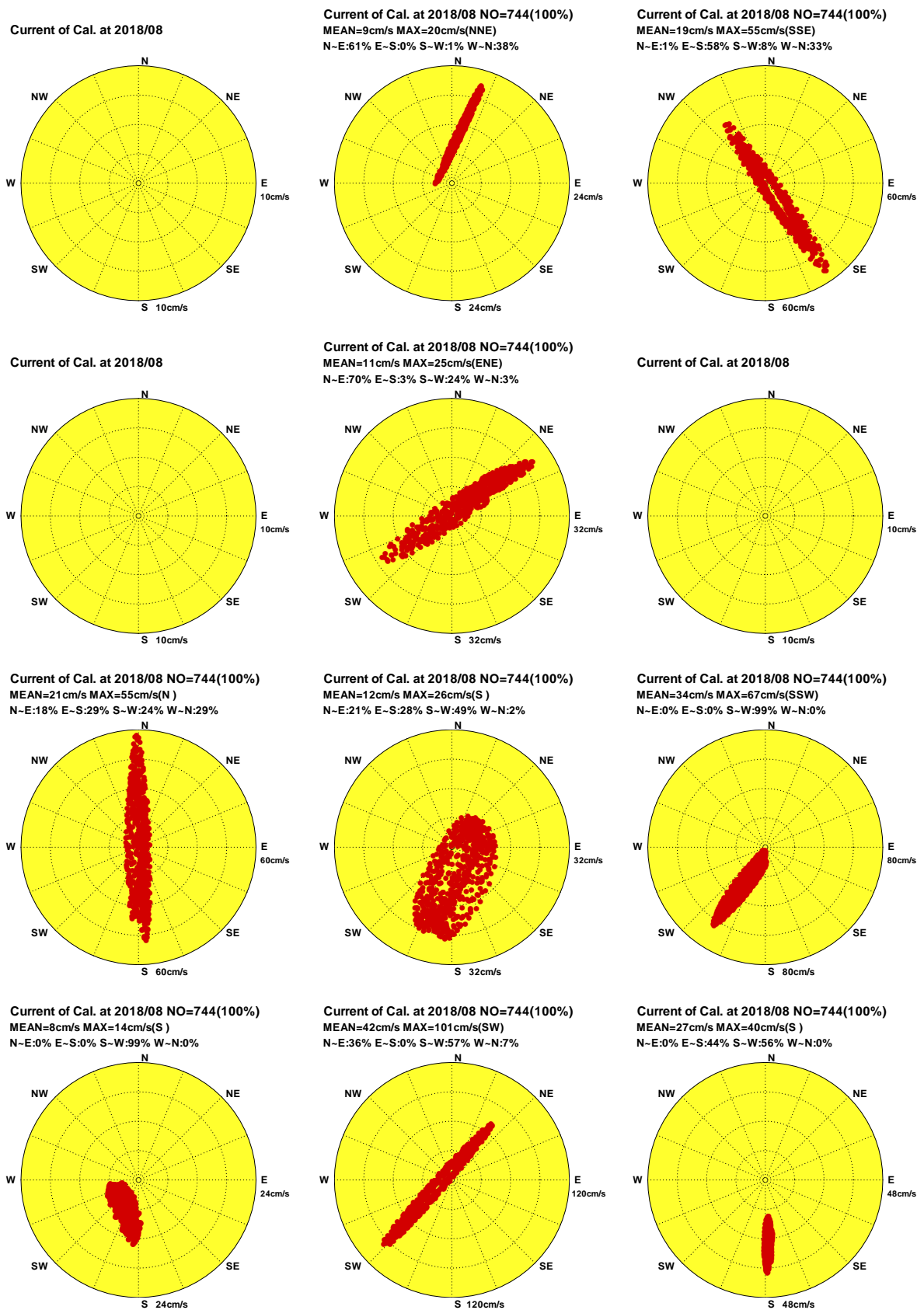


圖7.9c 2018年8月12海域主要測站2計算潮流向量分佈圖

C188TPY0.1HD C188KLY0.1HD C188SAY0.1HD C188HLY0.1HD C188LTY0.1HD C188PNY0.1HD
 C188KHZ0.1HD C188CNA0.1HD C188TCU0.1HD C188PHA0.1HD C188KMA0.1HD C188MSA0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

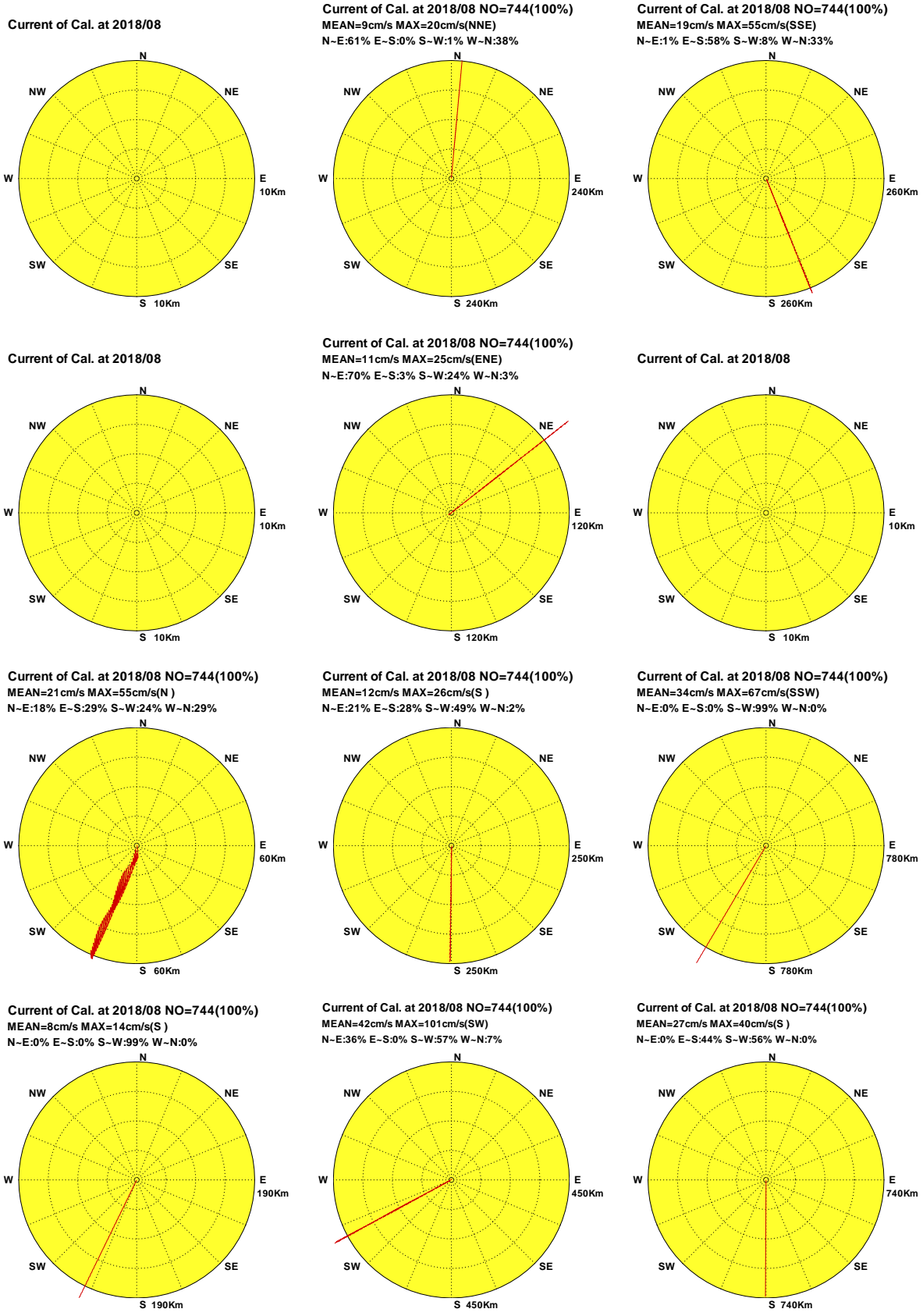


圖7.9d 2018年8月12海域主要測站2計算潮流向量行進圖

C188TPY0.1HD C188KLY0.1HD C188SAY0.1HD C188HLY0.1HD C188LTY0.1HD C188PNY0.1HD
 C188KHZ0.1HD C188CNA0.1HD C188TCU0.1HD C188PHA0.1HD C188KMA0.1HD C188MSA0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

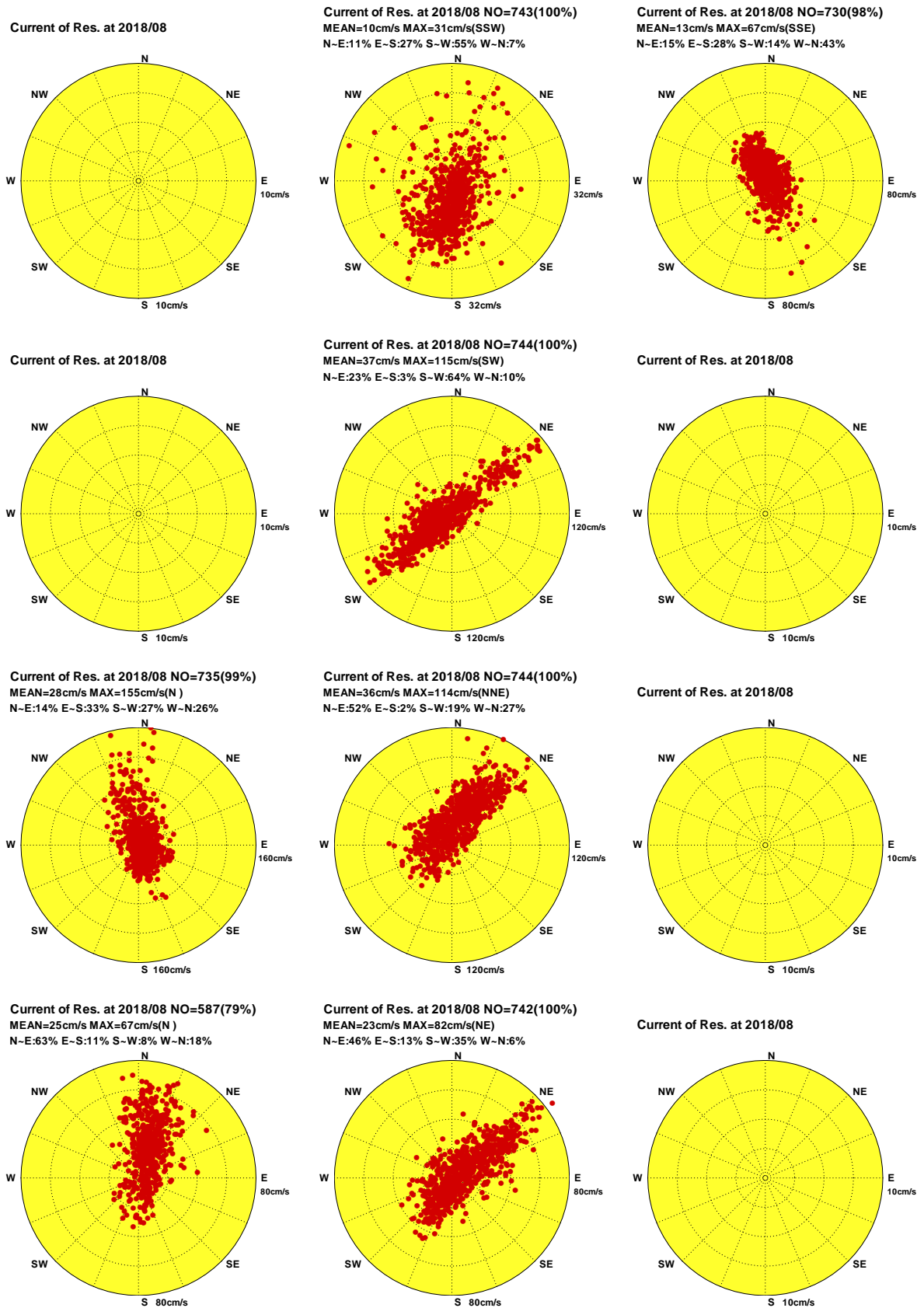


圖7.9e 2018年8月12海域主要測站2計算殘流向量分佈圖

C188TPY0.1HR C188KLY0.1HR C188SAY0.1HR C188HLY0.1HR C188LTY0.1HR C188PNY0.1HR
 C188KHZ0.1HR C188CNA0.1HR C188TCU0.1HR C188PHA0.1HR C188KMA0.1HR C188MSA0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

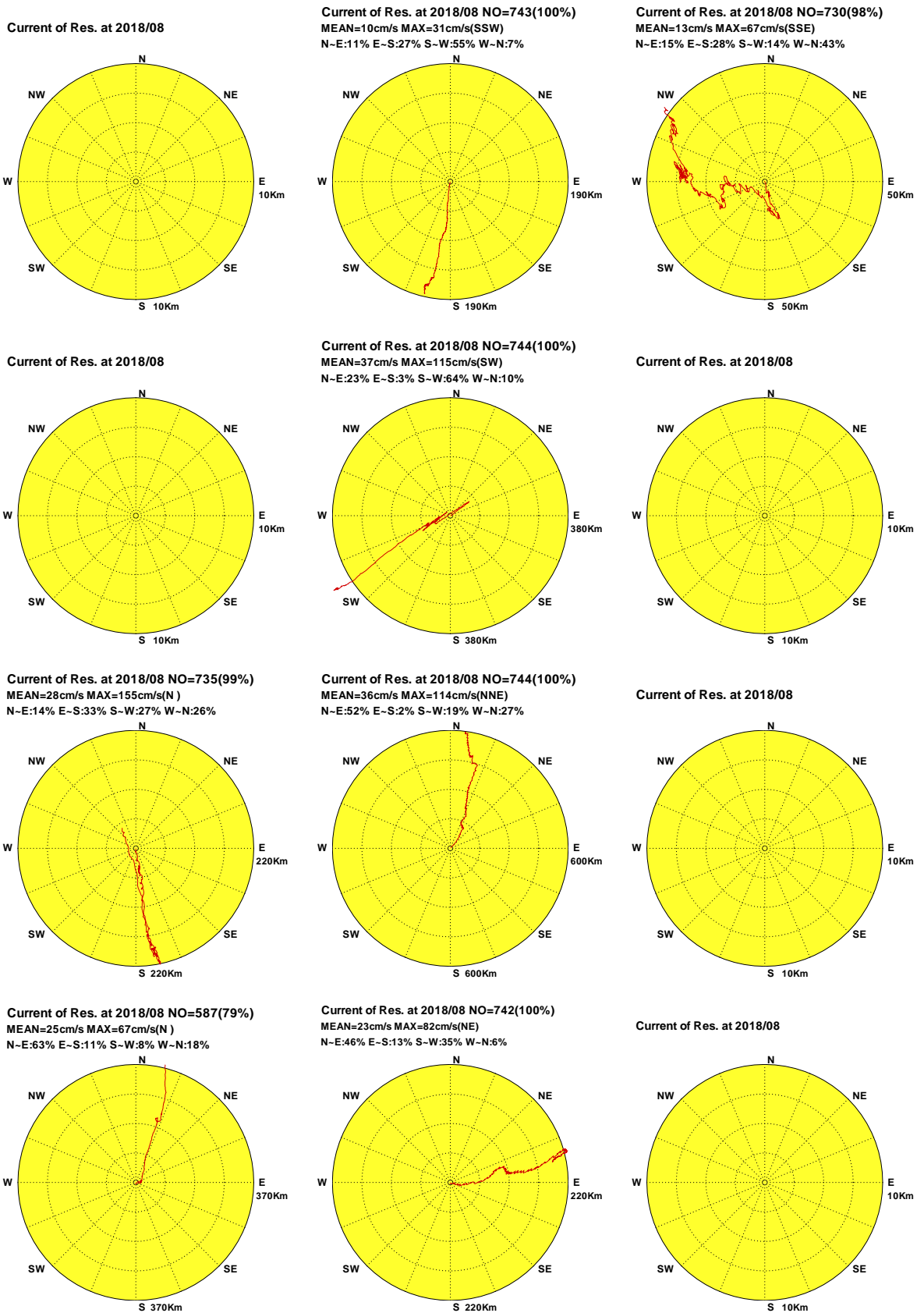


圖7.9f 2018年8月12海域主要測站2計算殘流向量行進圖

C188TPY0.1HR C188KLY0.1HR C188SAY0.1HR C188HLY0.1HR C188LTY0.1HR C188PNY0.1HR
 C188KHZ0.1HR C188CNA0.1HR C188TCU0.1HR C188PHA0.1HR C188KMA0.1HR C188MSA0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

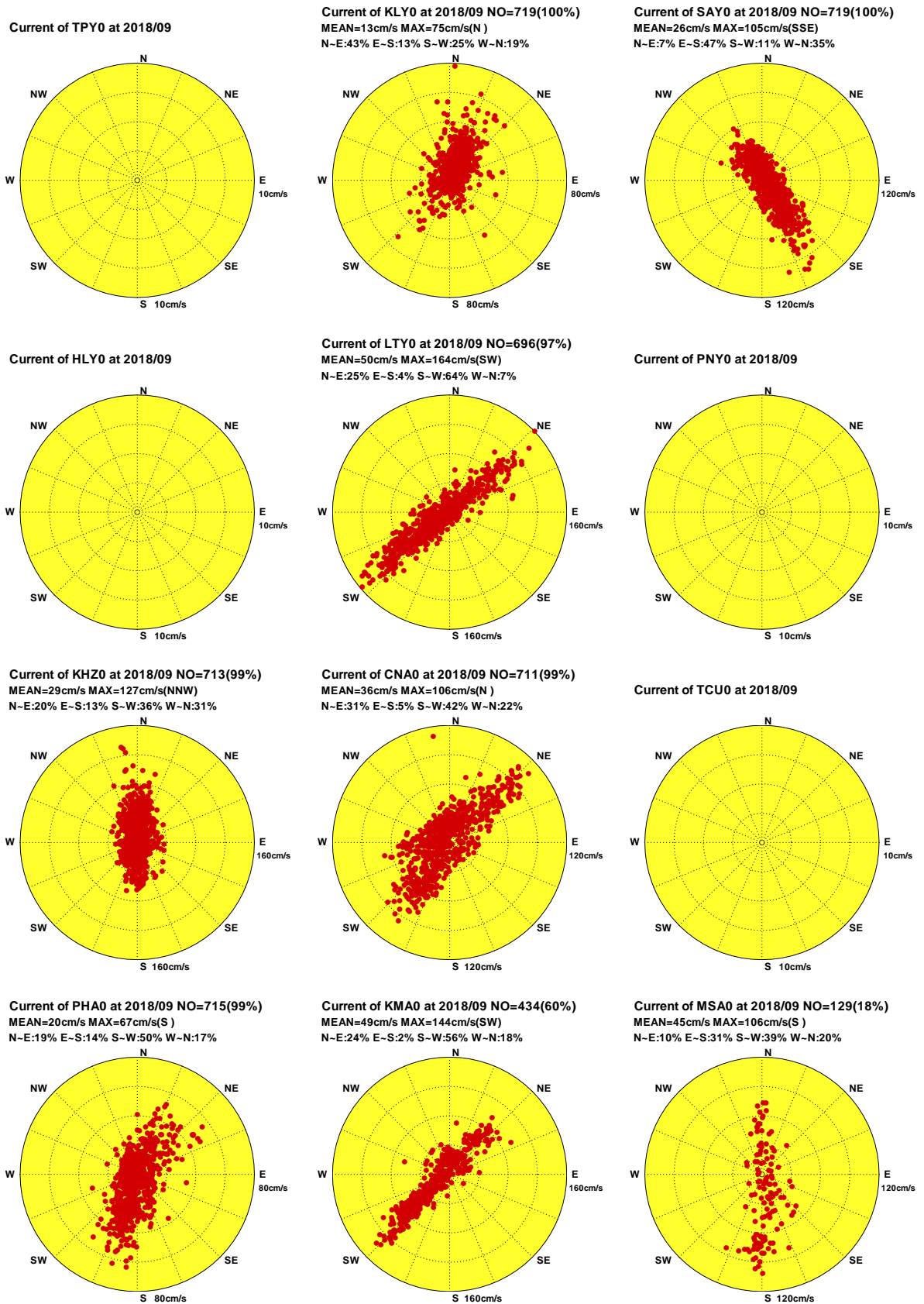


圖7.10a 2018年9月12海域主要測站2觀測海流向量分佈圖

C189TPY0.1H0 C189KLY0.1H0 C189SAY0.1H0 C189HLY0.1H0 C189LTY0.1H0 C189PNY0.1H0
 C189KHZ0.1H0 C189CNA0.1H0 C189TCU0.1H0 C189PHA0.1H0 C189KMA0.1H0 C189MSA0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

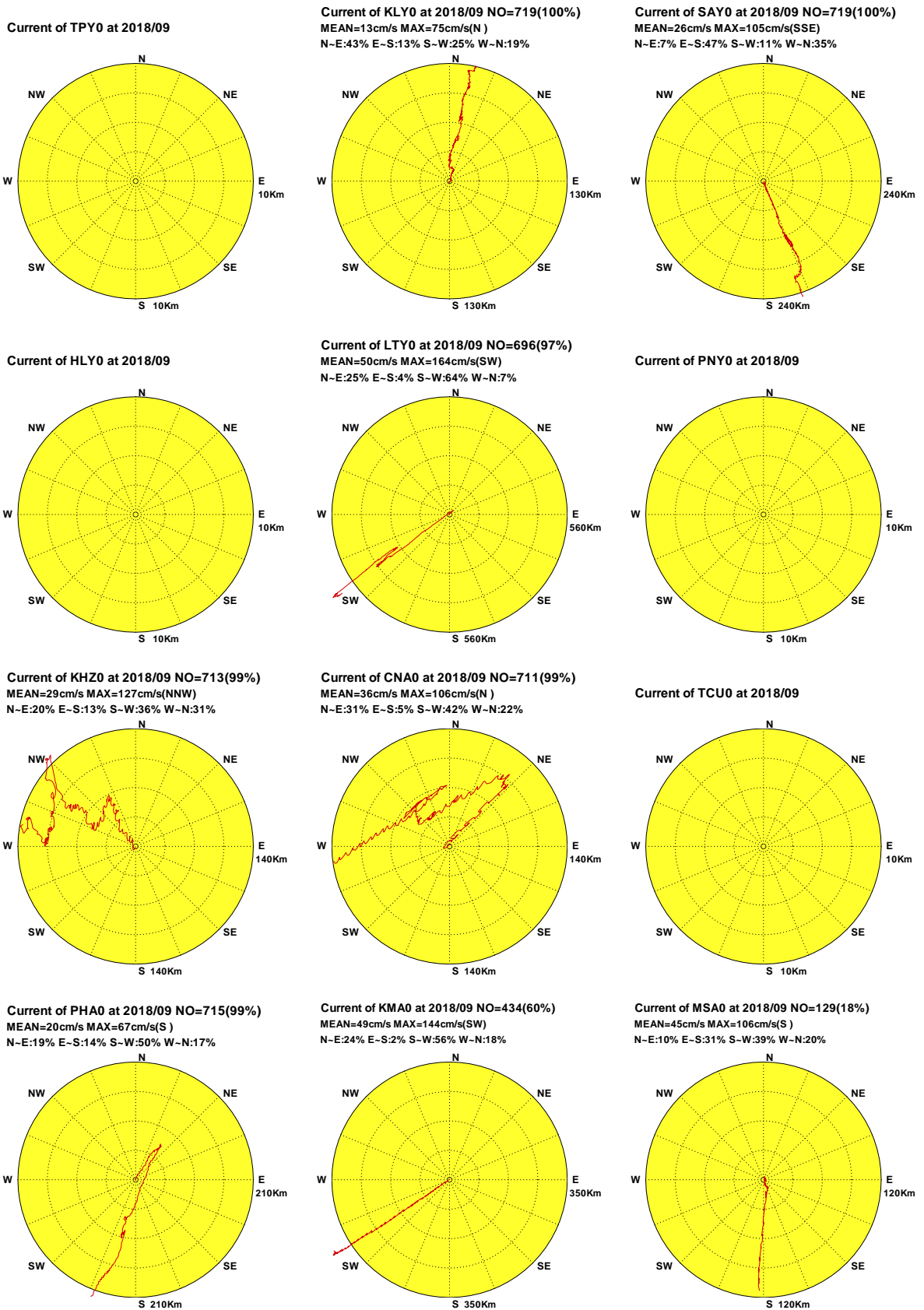


圖7.10b 2018年9月12海域主要測站2觀測海流向量行進圖

C189TPY0.1H0 C189KLY0.1H0 C189SAY0.1H0 C189HLY0.1H0 C189LTY0.1H0 C189PNY0.1H0
 C189KHZ0.1H0 C189CNA0.1H0 C189TCU0.1H0 C189PHA0.1H0 C189KMA0.1H0 C189MSA0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

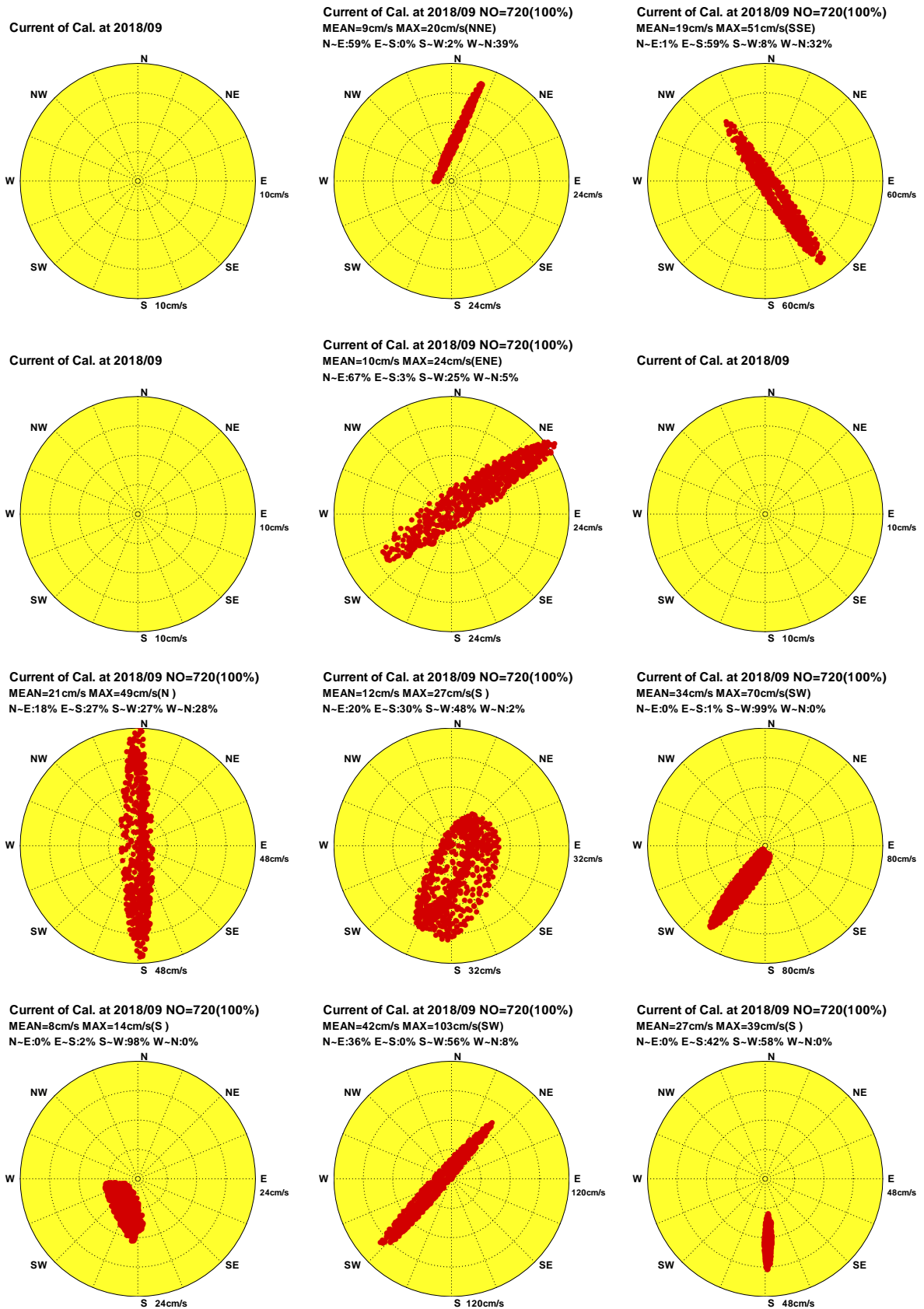


圖7.10c 2018年9月12海域主要測站2計算潮流向量分佈圖

C189TPY0.1HD C189KLY0.1HD C189SAY0.1HD C189HLY0.1HD C189LTY0.1HD C189PNY0.1HD
C189KHZ0.1HD C189CNA0.1HD C189TCU0.1HD C189PHA0.1HD C189KMA0.1HD C189MSA0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

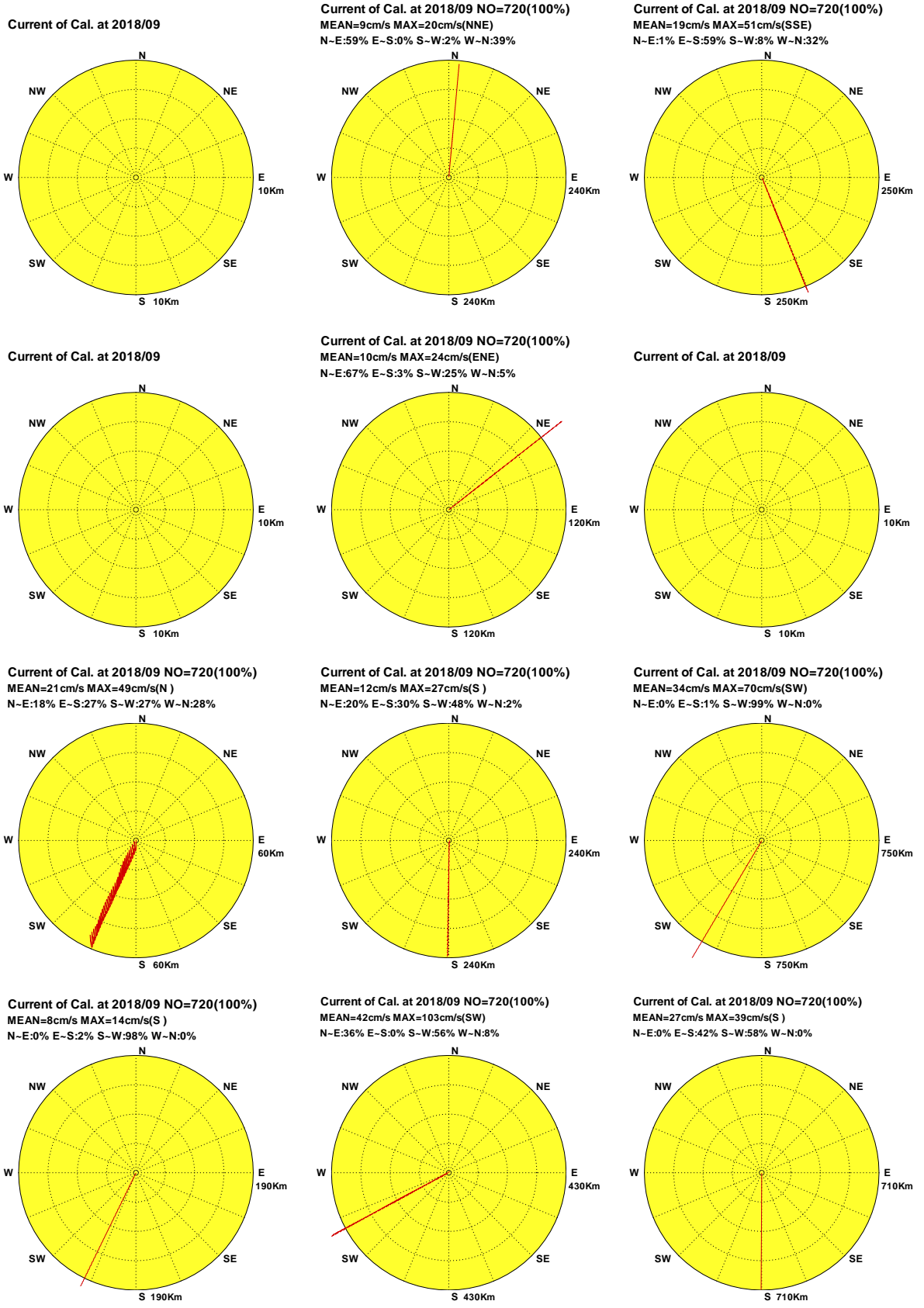


圖7.10d 2018年9月12海域主要測站2計算潮流向量行進圖

C189TPY0.1HD C189KLY0.1HD C189SAY0.1HD C189HLY0.1HD C189LTY0.1HD C189PNY0.1HD
 C189KHZ0.1HD C189CNA0.1HD C189TCU0.1HD C189PHA0.1HD C189KMA0.1HD C189MSA0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

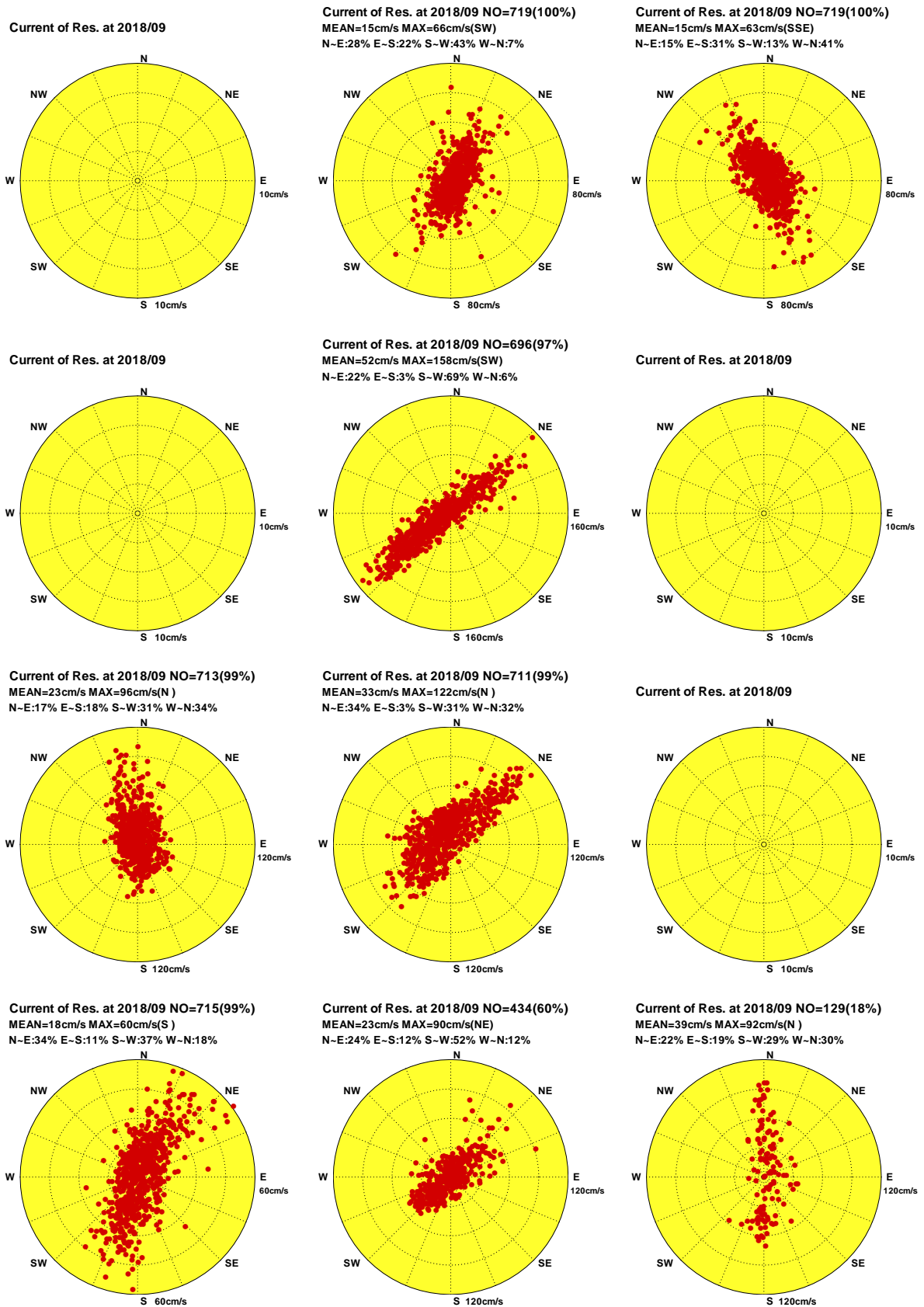


圖7.10e 2018年9月12海域主要測站2計算殘流向量分佈圖

C189TPY0.1HR C189KLY0.1HR C189SAY0.1HR C189HLY0.1HR C189LTY0.1HR C189PNY0.1HR
 C189KHZ0.1HR C189CNA0.1HR C189TCU0.1HR C189PHA0.1HR C189KMA0.1HR C189MSA0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

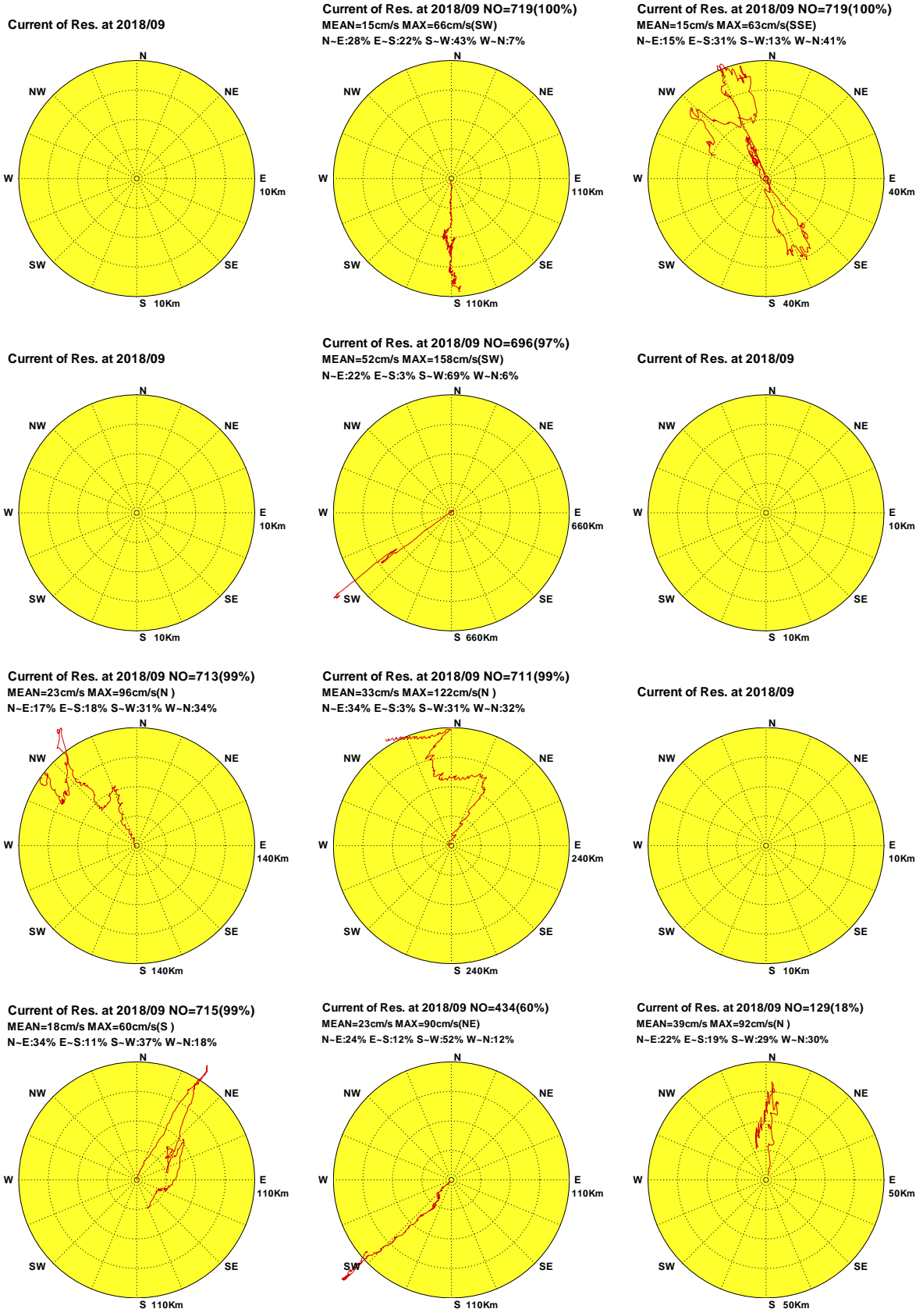


圖7.10f 2018年9月12海域主要測站2計算殘流向量行進圖

C189TPY0.1HR C189KLY0.1HR C189SAY0.1HR C189HLY0.1HR C189LTY0.1HR C189PNY0.1HR
 C189KHZ0.1HR C189CNA0.1HR C189TCU0.1HR C189PHA0.1HR C189KMA0.1HR C189MSA0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

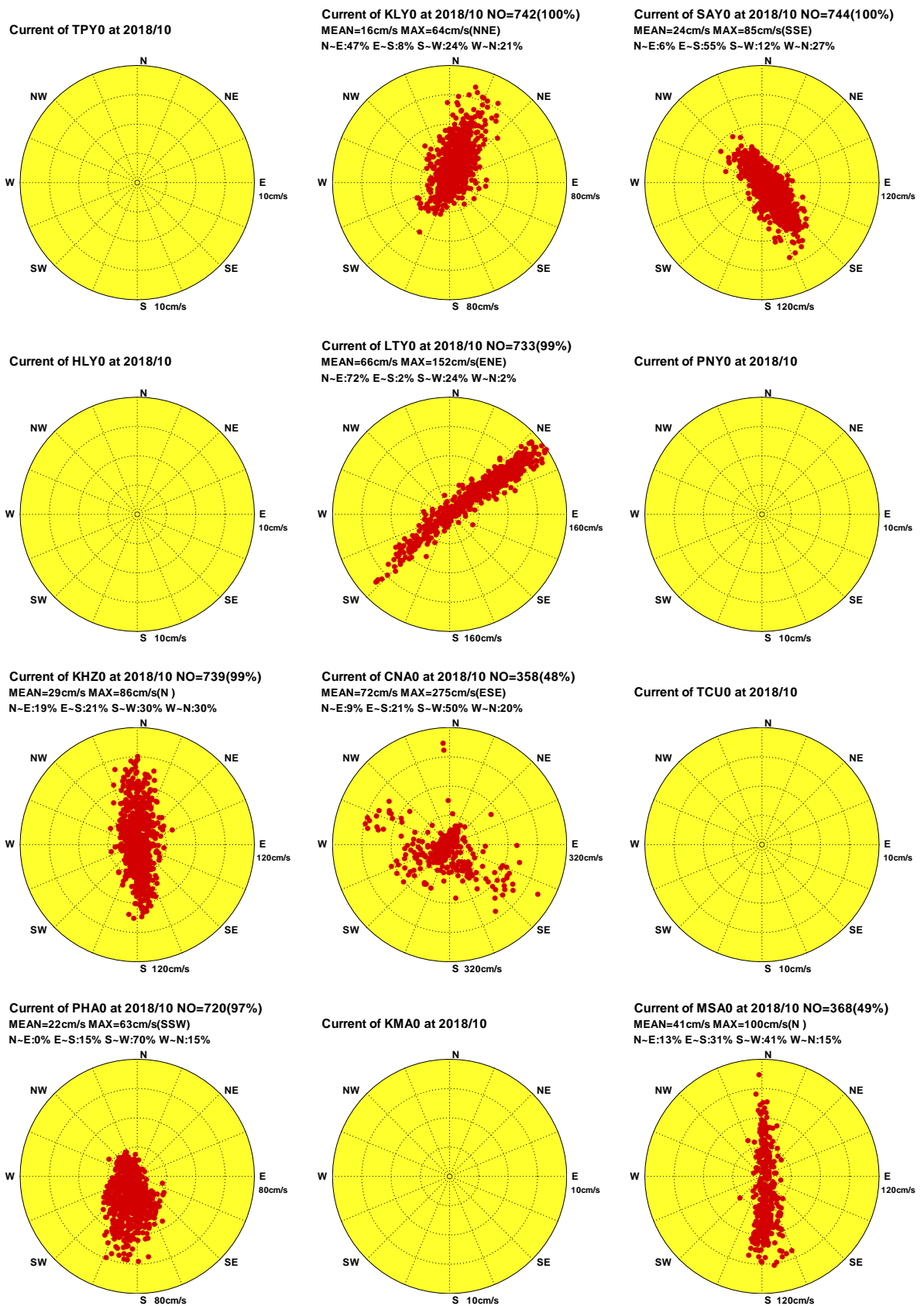


圖7.11a 2018年10月12海域主要測站2觀測海流向量分佈圖

C18ATPY0.1H0 C18AKLY0.1H0 C18ASAY0.1H0 C18AHLTY0.1H0 C18ALTY0.1H0 C18APNY0.1H0
 C18AKHZ0.1H0 C18ACNA0.1H0 C18ATCU0.1H0 C18APHA0.1H0 C18AKMA0.1H0 C18AMSA0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

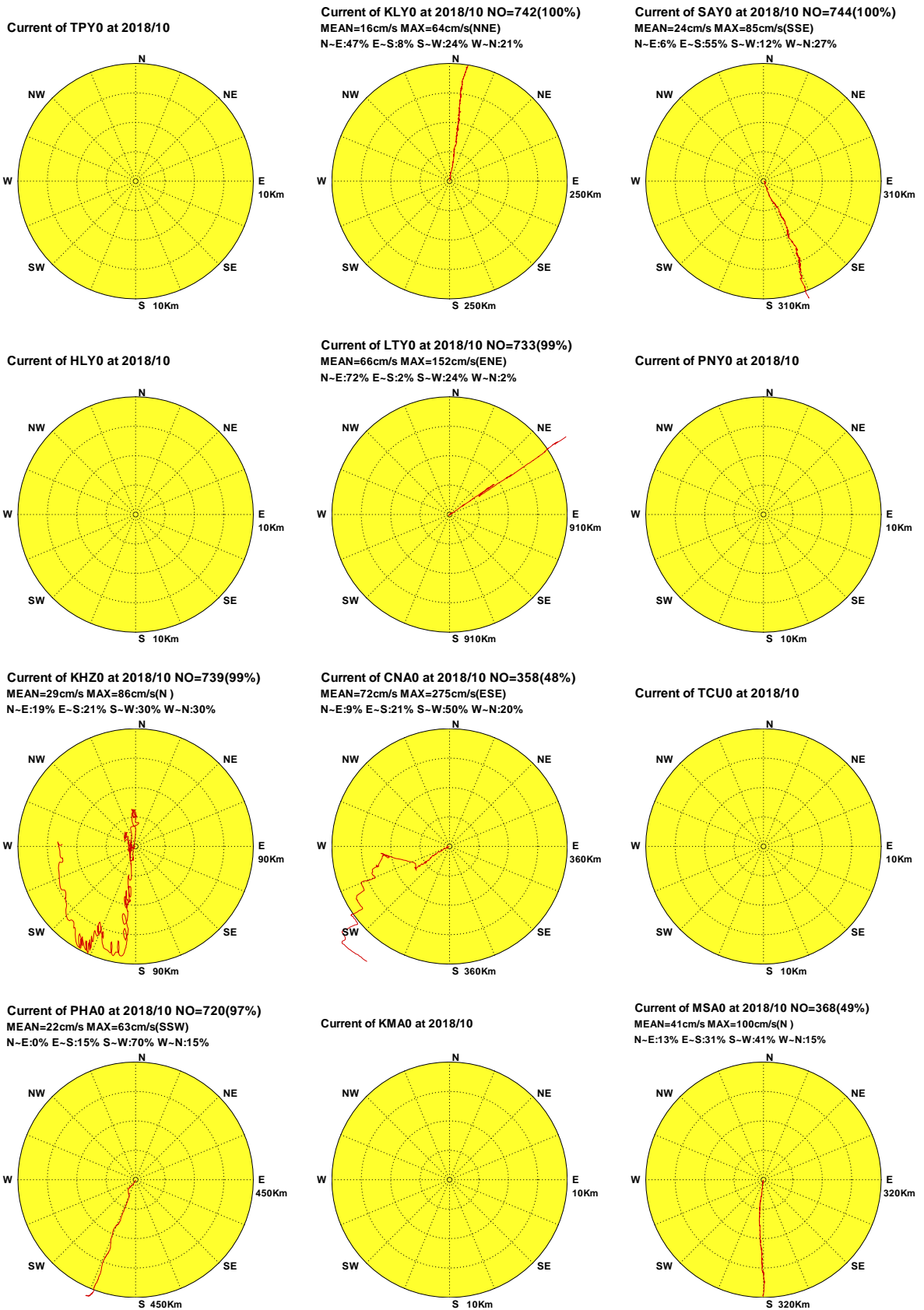


圖7.11b 2018年10月12海域主要測站2觀測海流向量行進圖

C18ATPY0.1H0 C18AKLY0.1H0 C18ASAY0.1H0 C18AHLTY0.1H0 C18ALTY0.1H0 C18APNY0.1H0
 C18AKHZ0.1H0 C18ACNA0.1H0 C18ATCU0.1H0 C18APHA0.1H0 C18AKMA0.1H0 C18AMSA0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

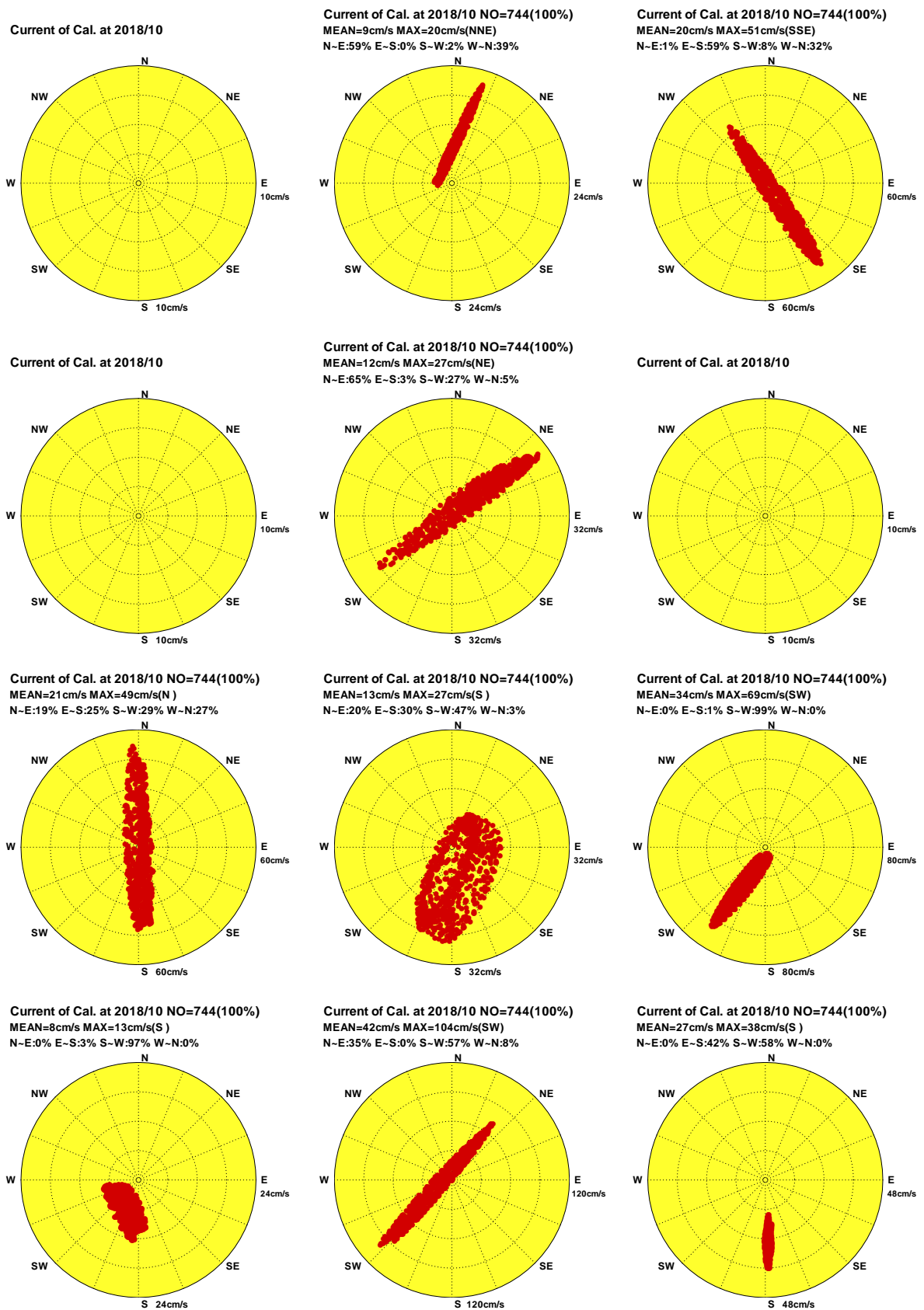


圖7.11c 2018年10月12海域主要測站2計算潮流向量分佈圖

C18ATPY0.1HD C18AKLY0.1HD C18ASAY0.1HD C18AHL0.1HD C18ALTY0.1HD C18APNY0.1HD
 C18AKHZ0.1HD C18ACNA0.1HD C18ATCU0.1HD C18APHA0.1HD C18AKMA0.1HD C18AMSA0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

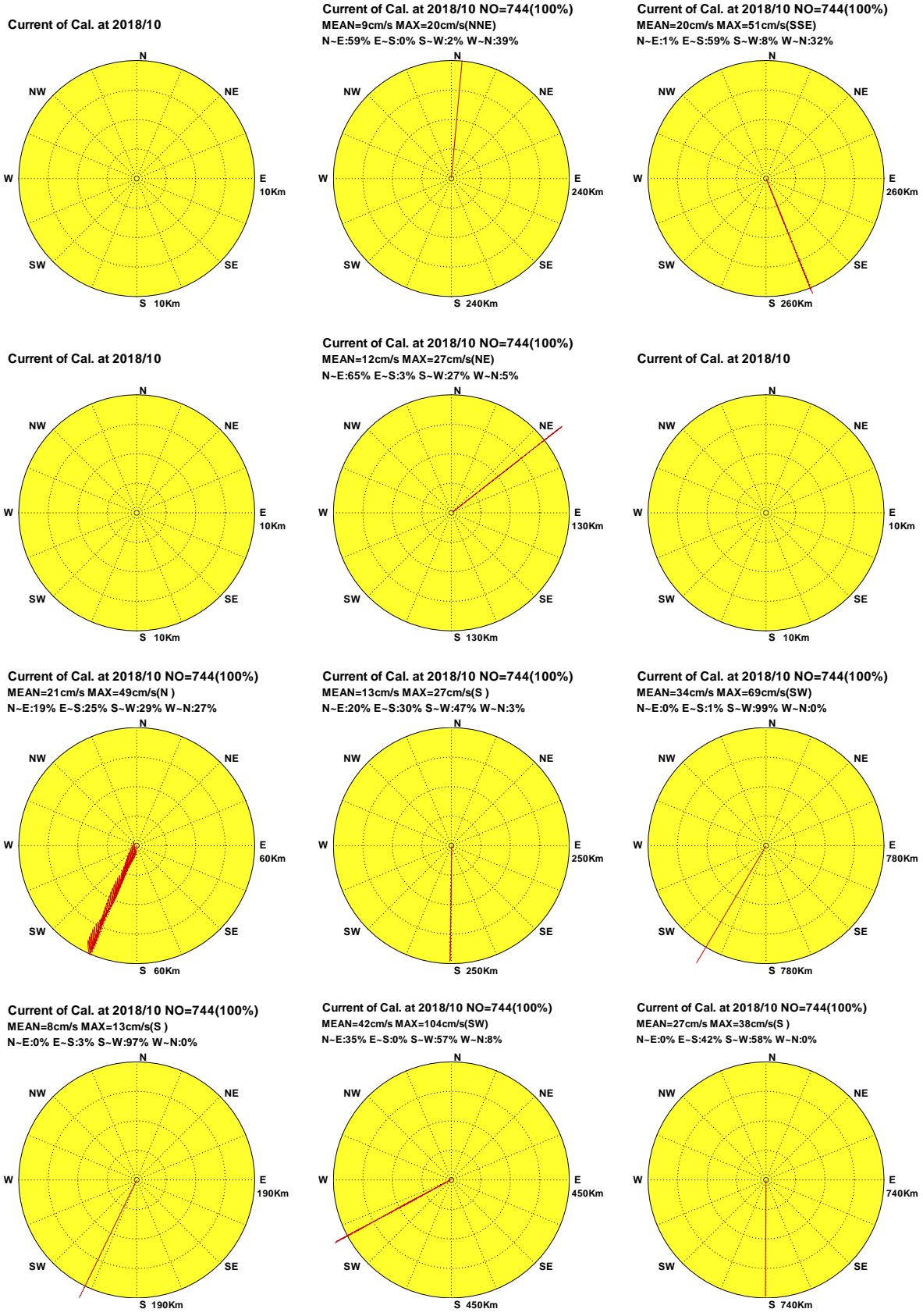


圖7.11d 2018年10月12海域主要測站2計算潮流向量行進圖

C18ATPY0.1HD C18AKLY0.1HD C18ASAY0.1HD C18AHL0.1HD C18ALTY0.1HD C18APNY0.1HD
 C18AKHZ0.1HD C18ACNA0.1HD C18ATCU0.1HD C18APHA0.1HD C18AKMA0.1HD C18AMSA0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

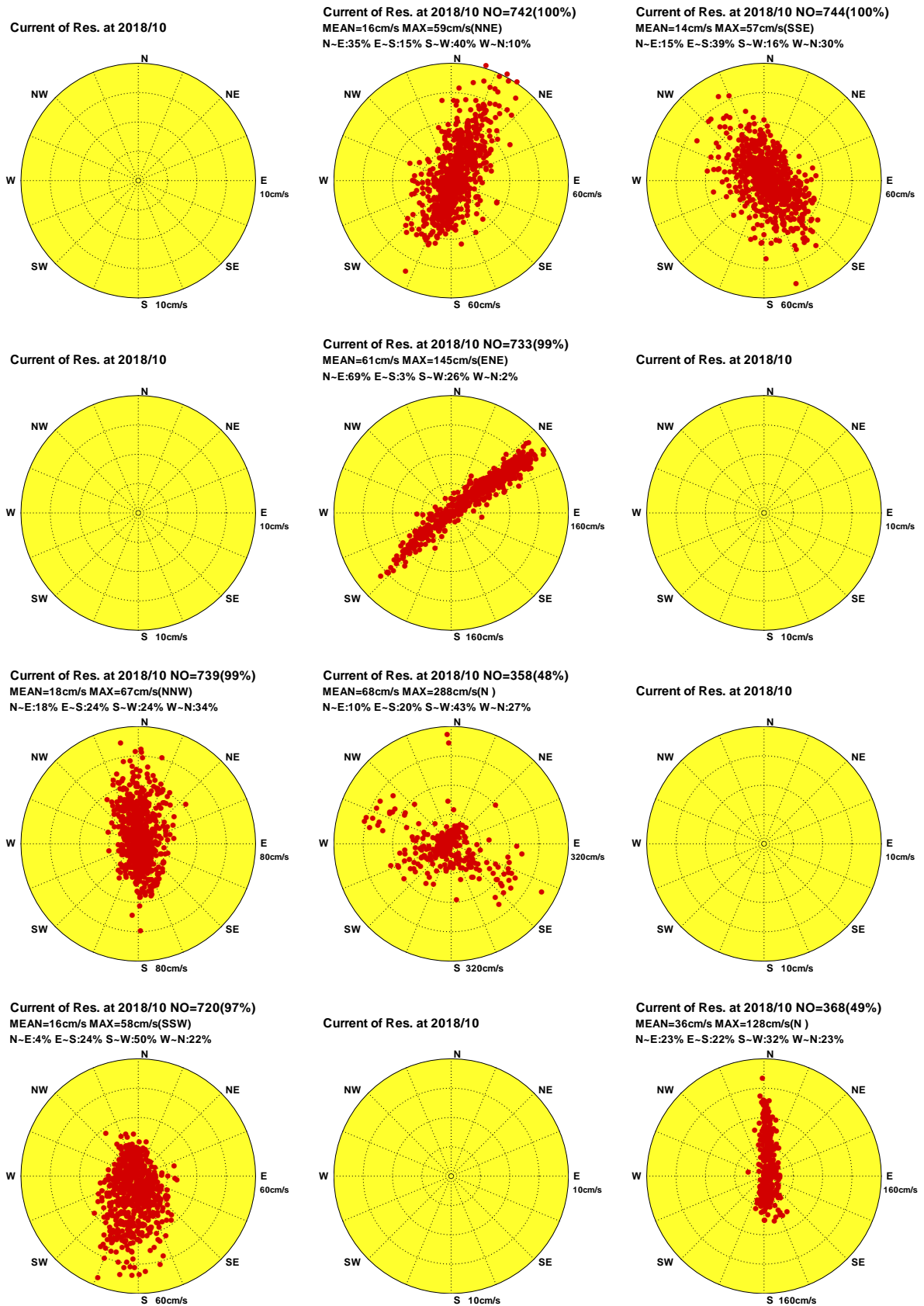


圖7.11e 2018年10月12海域主要測站2計算殘流向量分佈圖

C18ATPY0.1HR C18AKLY0.1HR C18ASAY0.1HR C18AHLV0.1HR C18ALTY0.1HR C18APNY0.1HR
 C18AKHZ0.1HR C18ACNA0.1HR C18ATCU0.1HR C18APHA0.1HR C18AKMA0.1HR C18AMSA0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

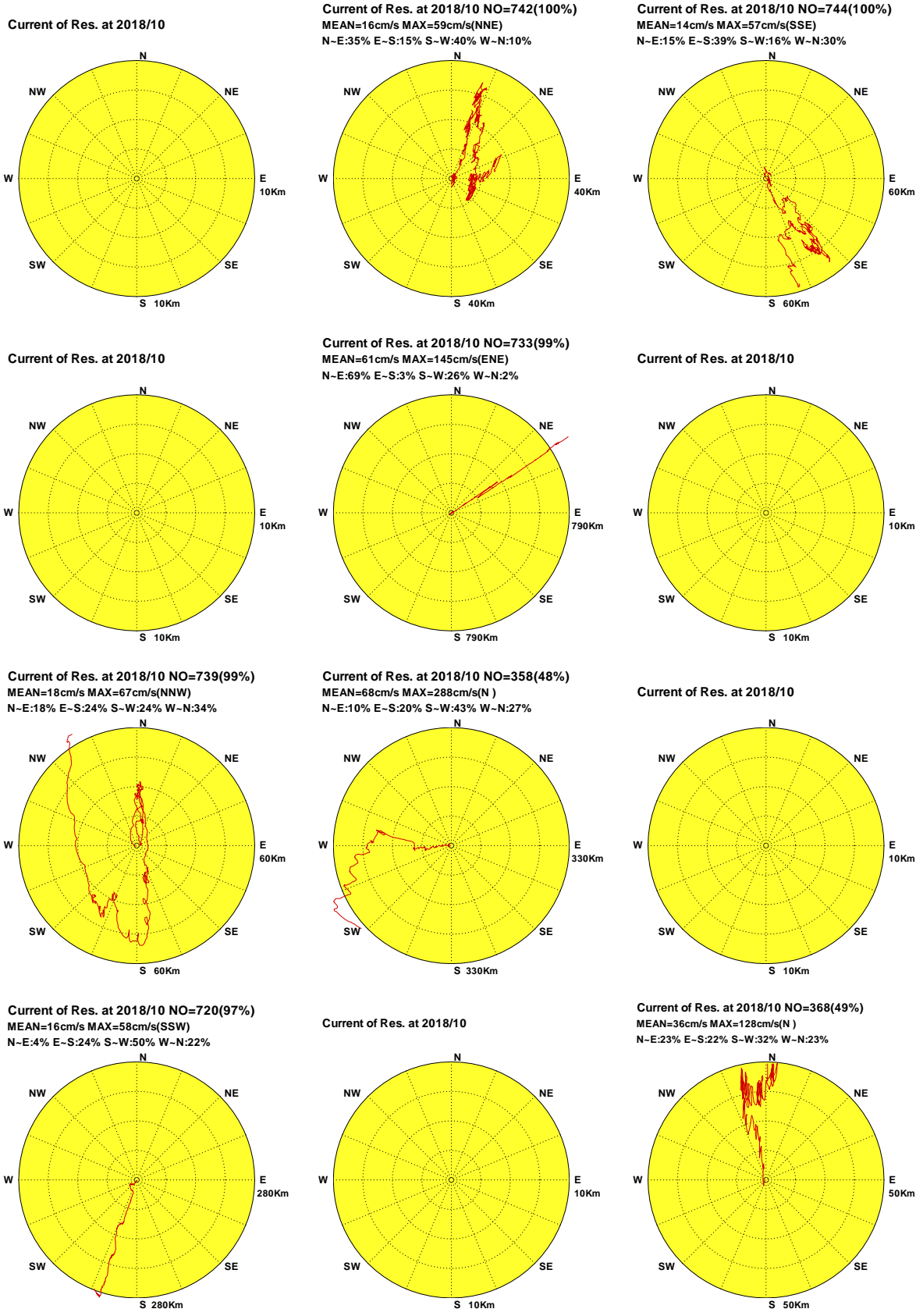


圖7.11f 2018年10月12海域主要測站2計算殘流向量行進圖

C18ATPY0.1HR C18AKLY0.1HR C18ASAY0.1HR C18AHLV0.1HR C18ALTY0.1HR C18APNY0.1HR
 C18AKHZ0.1HR C18ACNA0.1HR C18ATCU0.1HR C18APHA0.1HR C18AKMA0.1HR C18AMSA0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

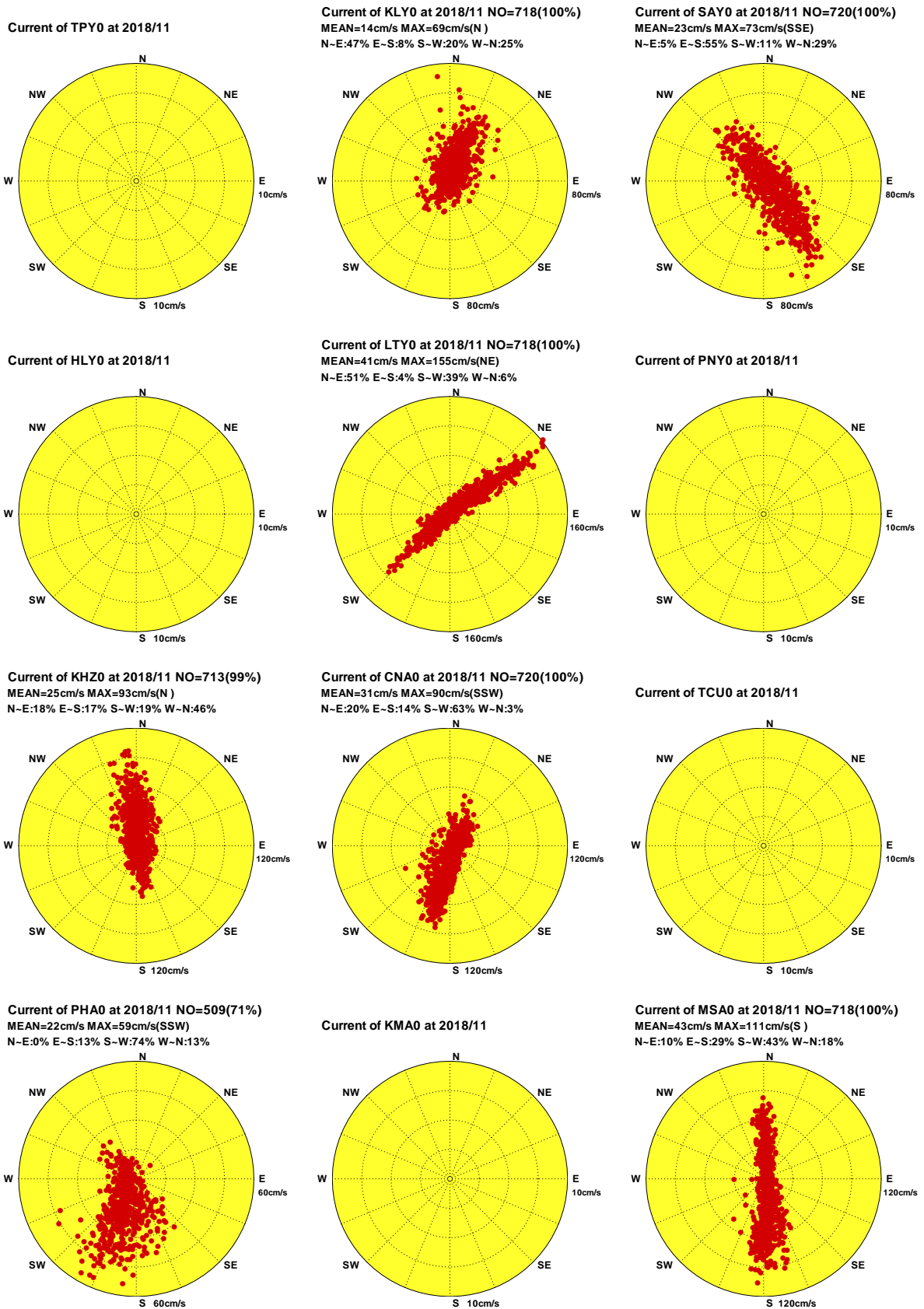


圖7.12a 2018年11月12海域主要測站2觀測海流向量分佈圖

C18BTPY0.1H0 C18BKLY0.1H0 C18BSAY0.1H0 C18BHLY0.1H0 C18BLTY0.1H0 C18BPNY0.1H0
 C18BKHZ0.1H0 C18BCNA0.1H0 C18BTCU0.1H0 C18BPFA0.1H0 C18BKMA0.1H0 C18BMSA0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

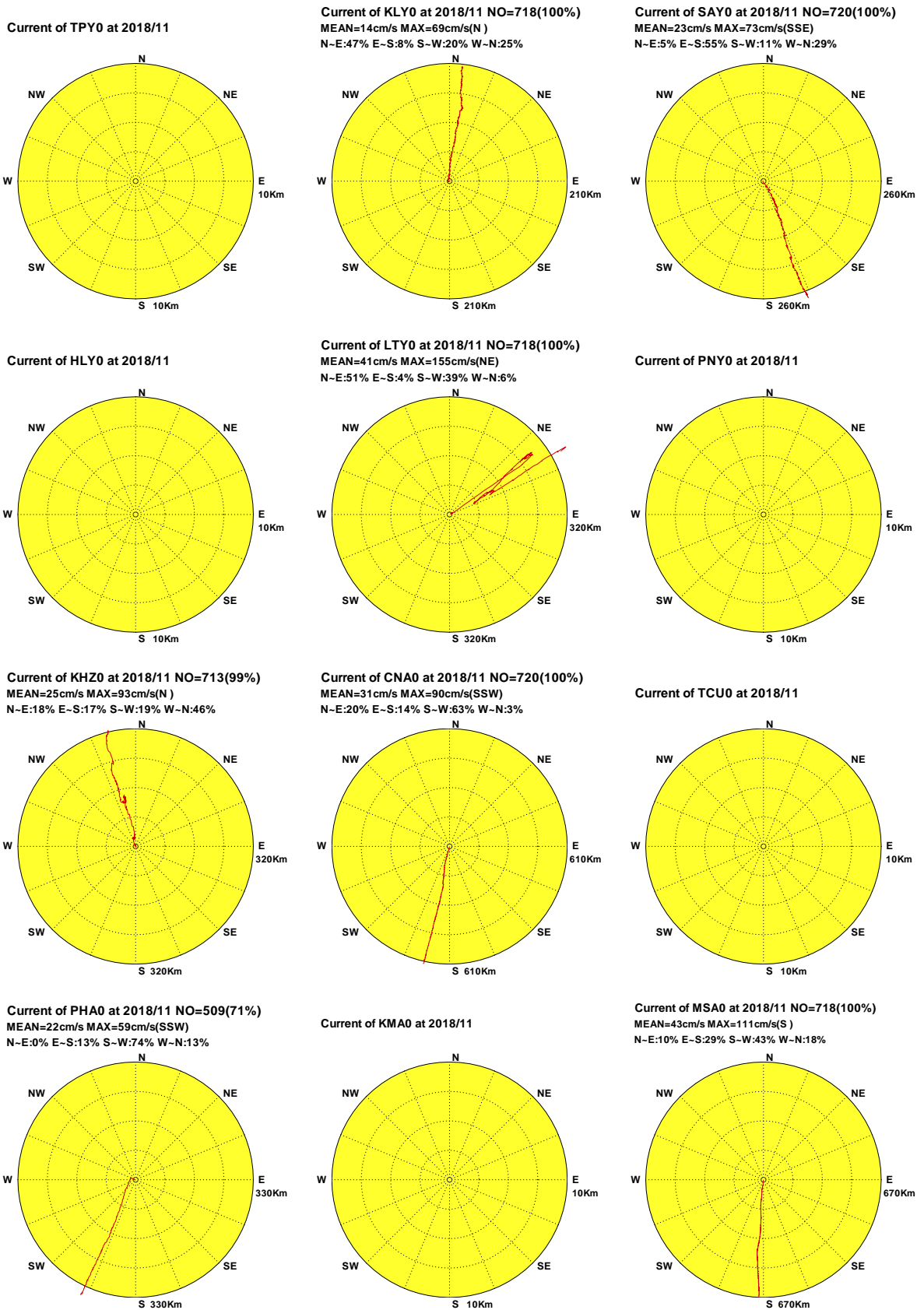


圖7.12b 2018年11月12海域主要測站2觀測海流向量行進圖

C18BTPY0.1H0 C18BKLY0.1H0 C18BSAY0.1H0 C18BHLY0.1H0 C18BLTY0.1H0 C18BPNY0.1H0
C18BKHZ0.1H0 C18BCNA0.1H0 C18BTCU0.1H0 C18BPHA0.1H0 C18BKMA0.1H0 C18BMSA0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

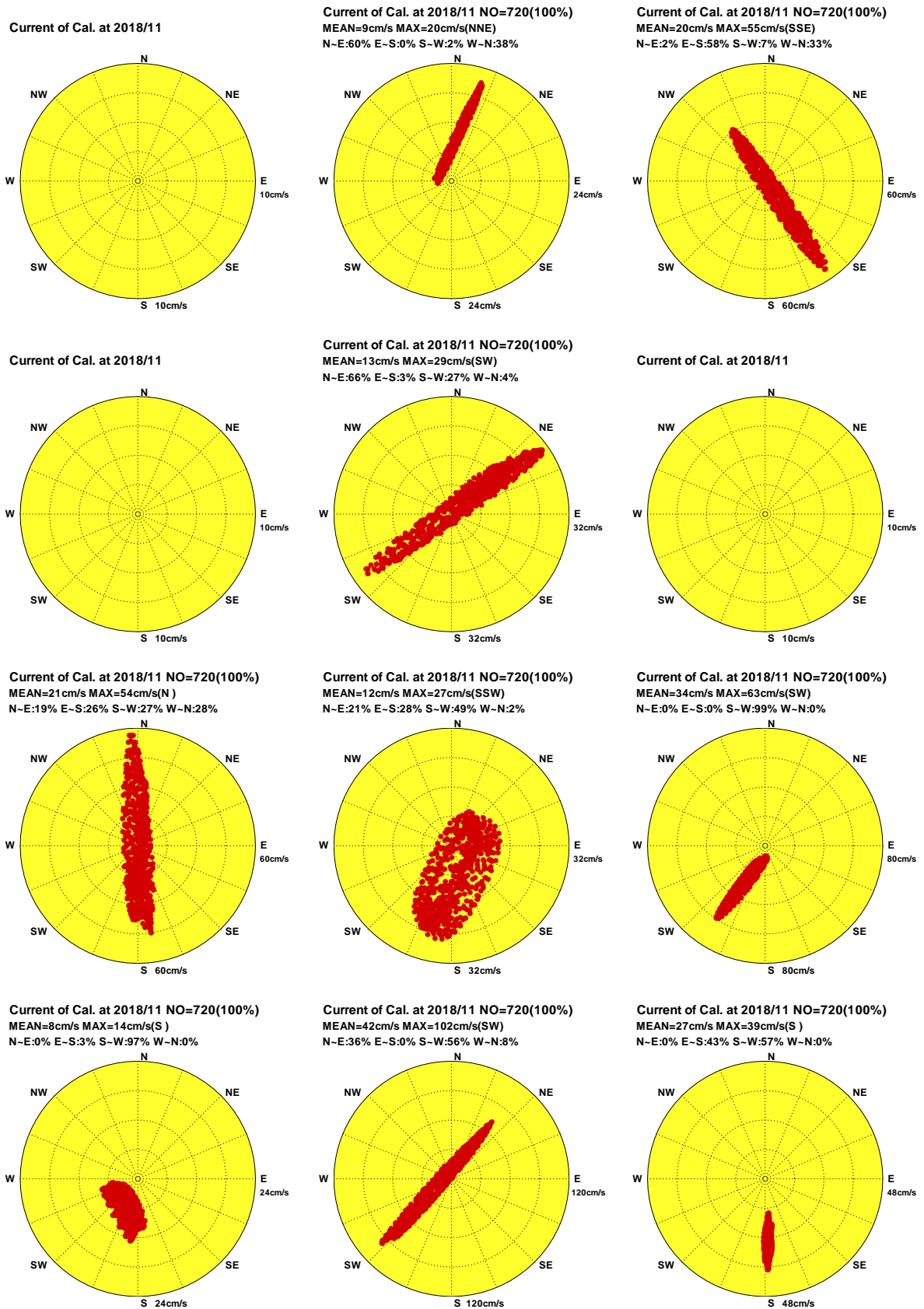


圖7.12c 2018年11月12海域主要測站2計算潮流向量分佈圖

C18BTPY0.1HD C18BKY0.1HD C18BSAY0.1HD C18BHLY0.1HD C18BPLY0.1HD C18BPNY0.1HD
 C18BKHZ0.1HD C18BCNA0.1HD C18BTCU0.1HD C18BPHA0.1HD C18BKMA0.1HD C18BMSA0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

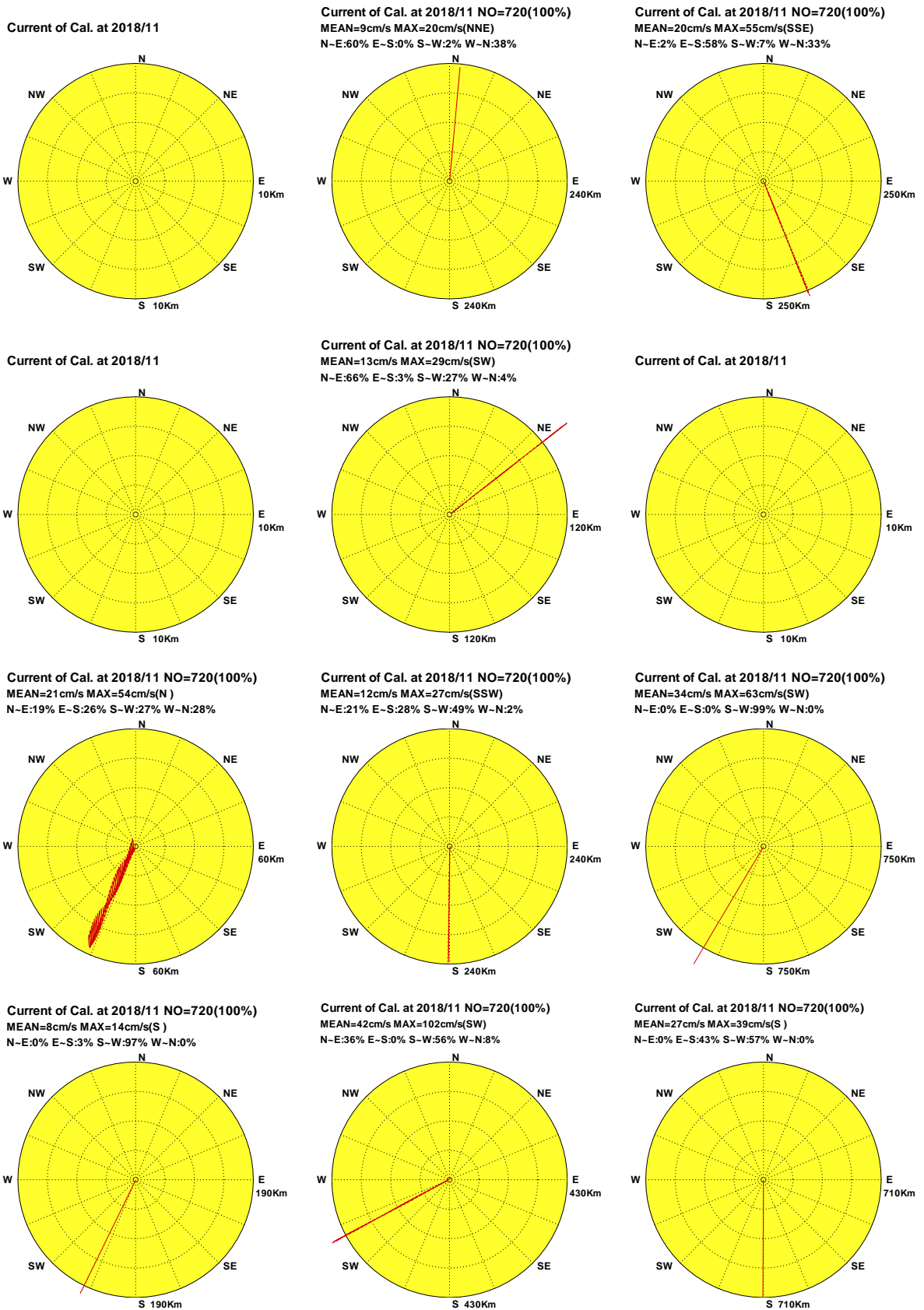


圖7.12d 2018年11月12海域主要測站2計算潮流向量行進圖

C18BTPY0.1HD C18BKLY0.1HD C18BSAY0.1HD C18BHLY0.1HD C18BLTY0.1HD C18BPNY0.1HD
 C18BKHZ0.1HD C18BCNA0.1HD C18BTCU0.1HD C18BPHA0.1HD C18BKMA0.1HD C18BMSA0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

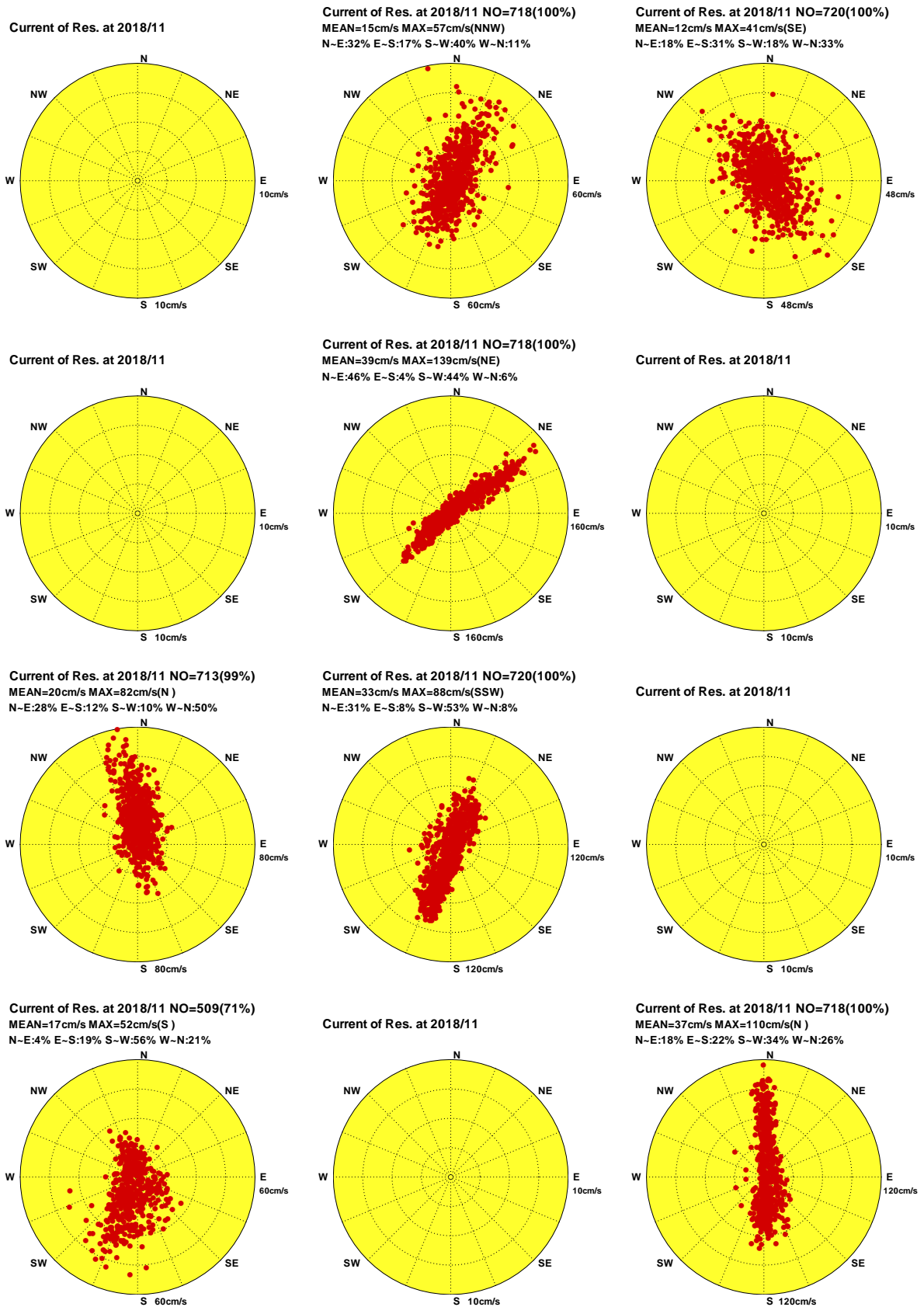


圖7.12e 2018年11月12海域主要測站2計算殘流向量分佈圖

C18BTPY0.1HR C18BKLY0.1HR C18BSAY0.1HR C18BHLY0.1HR C18BLTY0.1HR C18BPNY0.1HR
 C18BKHZ0.1HR C18BCNA0.1HR C18BTCU0.1HR C18BPHA0.1HR C18BKMA0.1HR C18BMSA0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

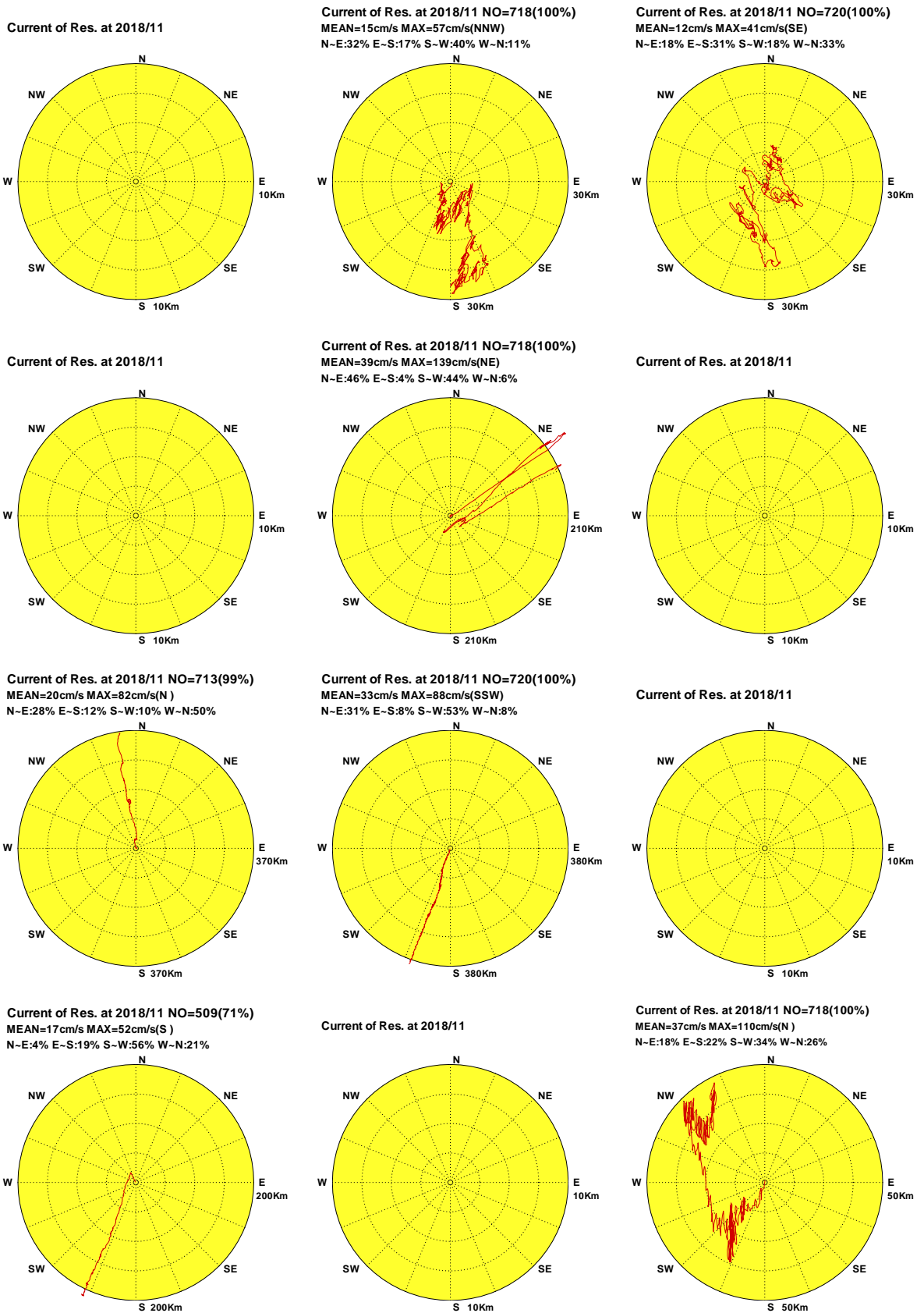


圖7.12f 2018年11月12海域主要測站2計算殘流向量行進圖

C18BTPY0.1HR C18BKLY0.1HR C18BSAY0.1HR C18BHLY0.1HR C18BLTY0.1HR C18BPNY0.1HR
 C18BKHZ0.1HR C18BCNA0.1HR C18BTCU0.1HR C18BPHA0.1HR C18BKMA0.1HR C18BMSA0.1HR

Institute of Harbor & Marine Technology

第八章 2018 年 12 海域海流主要觀測站 3 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 8.1a 2017 年 12 月 12 個海域主要測站 3 觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2 節流 <25.7 (%)	1 節流 ~51.4 (%)	2 節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	735(99%)	74.8	21.5/ENE	181.0/E	11.6	20.0	43.0	25.4	44.4	15.5	19.2	21.0	ENE/23.0%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	677(91%)	58.8	1.1/ESE	163.0/NNE	20.1	22.0	46.5	11.4	46.4	3.8	45.6	4.1	NNE/37.5%
9	中雲海域 (Z)													
10	澎湖海域(Y)	744(100%)	29.6	21.8/SW	88.0/SW	50.4	32.4	17.2	.0	14.0	12.5	68.4	5.1	SW /36.7%
11	金門海域(Y)	687(92%)	28.4	.9/NNW	93.0/W	50.2	40.8	9.0	.0	30.3	21.7	25.9	22.1	W /19.1%
12	馬祖海域(Y)	116(16%)	26.0	13.7/SW	77.0/SW	55.2	37.9	6.9	.0	9.5	25.0	48.3	17.2	W /16.4%

表 8.1b 2017年12月12個海域主要測站3潮流 (含平均流) 流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	744(100%)	39.6	23.1/ENE	96.8/ENE	35.5	32.7	31.9	.0	62.6	.8	12.1	24.5	ENE/32.4%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	744(100%)	46.5	12.0/NNE	119.0/NNE	25.1	31.3	41.4	2.2	55.9	.3	43.7	.1	NNE/55.5%
9	中雲海域 (Z)													
10	澎湖海域(Y)	744(100%)	21.7	13.0/SW	58.8/SW	63.6	34.8	1.6	.0	28.9	6.6	60.1	4.4	SW /38.7%
11	金門海域(Y)	744(100%)	14.0	1.8/SE	35.4/W	91.5	8.5	.0	.0	28.4	25.3	33.2	13.2	E /23.8%
12	馬祖海域(Y)	744(100%)	33.3	11.0/NE	77.5/ENE	38.0	46.5	15.5	.0	47.7	9.7	27.3	15.3	ENE/25.3%

表 8.1c 2017 年 12 月 12 個海域主要測站 3 殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2 節流 <25.7 (%)	1 節流 ~51.4 (%)	2 節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	735(99%)	67.5	3.1/NW	194.9/W	14.1	23.8	44.6	17.4	36.1	15.0	30.9	18.1	E /19.9%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	677(91%)	29.0	10.7/SSW	106.5/SSW	49.2	38.4	12.3	.1	30.6	10.8	52.7	5.9	SSW/35.0%
9	中雲海域 (Z)													
10	澎湖海域(Y)	744(100%)	15.7	8.7/SW	49.5/WSW	87.4	12.6	.0	.0	12.9	20.7	58.2	8.2	WSW/19.9%
11	金門海域(Y)	687(92%)	18.1	2.9/NW	63.3/W	79.2	19.9	.9	.0	33.6	14.4	24.0	27.9	W /18.5%
12	馬祖海域(Y)	116(16%)	43.5	24.9/SW	105.3/SW	22.4	43.1	33.6	.9	13.8	25.0	57.8	3.4	WSW/35.3%

表8.2a 2018年1月12個海域主要測站3觀測流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	722(97%)	73.1	18.2/ENE	168.0/ENE	9.4	22.4	44.3	23.8	42.5	15.7	23.1	18.7	ENE/23.8%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	624(84%)	58.2	5.2/NNE	143.0/N	19.9	21.8	50.2	8.2	48.9	3.7	43.8	3.7	NNE/40.2%
9	中雲海域 (Z)													
10	澎湖海域(Y)	744(100%)	28.6	20.2/SW	79.0/SW	51.9	34.0	14.1	.0	13.2	14.2	66.4	6.2	SW /32.4%
11	金門海域(Y)	644(87%)	29.1	3.2/SSW	99.0/WSW	46.0	44.1	9.9	.0	23.0	25.5	35.1	16.5	E /17.7%
12	馬祖海域 (Y)													

表8.2b 2018年1月12個海域主要測站3潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	744(100%)	40.3	23.1/ENE	99.1/ENE	35.3	31.5	33.2	.0	62.5	.9	11.4	25.1	ENE/31.5%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	744(100%)	46.6	12.0/NNE	115.2/NNE	24.7	32.4	41.4	1.5	55.4	.9	43.7	.0	NNE/54.6%
9	中雲海域 (Z)													
10	澎湖海域(Y)	744(100%)	22.1	13.0/SW	60.3/SW	62.0	35.5	2.6	.0	30.0	5.9	60.2	3.9	SW /39.0%
11	金門海域(Y)	744(100%)	14.3	1.8/SE	36.5/W	91.5	8.5	.0	.0	28.4	24.9	33.1	13.7	E /23.7%
12	馬祖海域(Y)	744(100%)	34.0	11.0/NE	81.9/ENE	37.4	45.7	16.9	.0	47.3	9.8	29.2	13.7	ENE/24.3%

表8.2c 2018年 1月12個海域主要測站3殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	722(97%)	66.6	5.7/W	172.1/W	14.5	23.0	46.3	16.2	35.7	13.6	33.8	16.9	ENE/21.6%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	624(84%)	33.3	6.2/SSW	91.8/NNE	42.6	34.9	22.4	.0	36.5	10.4	47.9	5.1	SSW/35.9%
9	中雲海域 (Z)													
10	澎湖海域(Y)	744(100%)	14.8	7.3/SSW	41.3/SSW	91.1	8.9	.0	.0	13.8	21.6	52.6	12.0	SW /15.6%
11	金門海域(Y)	644(87%)	18.7	3.3/WSW	64.4/WSW	76.1	23.3	.6	.0	23.6	21.3	35.2	19.9	W /17.4%
12	馬祖海域 (Y)													

表 8.3a 2018 年 2 月 12 個海域主要測站 3 觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	656(98%)	73.8	18.3/ENE	175.0/ENE	11.4	19.2	45.6	23.8	41.0	15.7	22.6	20.7	W /22.9%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	309(46%)	59.2	9.2/N	131.0/NNE	18.8	22.7	49.2	9.4	47.9	3.2	42.1	6.8	NNE/35.3%
9	中雲海域 (Z)													
10	澎湖海域(Y)	671(100%)	27.4	17.2/SW	75.0/WSW	52.2	37.3	10.6	.0	18.5	11.9	63.8	5.8	SW /28.5%
11	金門海域(Y)	556(83%)	28.3	2.0/SSW	79.0/W	50.0	41.2	8.8	.0	25.7	25.0	32.9	16.4	E /20.0%
12	馬祖海域 (Y)													

表8.3b 2018年2月12個海域主要測站3潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	672(100%)	39.4	23.2/ENE	100.3/ENE	37.4	29.8	32.9	.0	62.6	.9	10.1	26.3	ENE/32.1%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	672(100%)	45.9	11.8/NNE	111.1/NNE	25.3	31.8	42.0	.9	54.8	.9	44.3	.0	NNE/54.3%
9	中雲海域 (Z)													
10	澎湖海域(Y)	672(100%)	21.4	13.1/SW	60.3/SW	63.5	34.8	1.6	.0	29.5	6.3	60.4	3.9	SW /40.2%
11	金門海域(Y)	672(100%)	13.7	1.8/SE	35.3/W	94.9	5.1	.0	.0	27.4	24.9	34.1	13.7	E /23.4%
12	馬祖海域(Y)	672(100%)	33.4	10.9/NE	84.0/ENE	37.8	47.0	15.2	.0	46.3	10.3	28.9	14.6	ENE/24.6%

表8.3c 2018年2月12個海域主要測站3殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	656(98%)	66.2	6.1/WNW	173.3/WNW	13.9	24.2	46.2	15.7	34.5	15.5	31.1	18.9	W /22.1%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	309(46%)	28.9	1.6/WNW	92.3/SSW	51.8	34.3	13.9	.0	37.2	5.8	42.4	14.6	SSW/28.2%
9	中雲海域 (Z)													
10	澎湖海域(Y)	671(100%)	14.1	4.1/SW	37.8/WSW	93.0	7.0	.0	.0	20.9	17.1	47.7	14.3	SW /15.6%
11	金門海域(Y)	556(83%)	18.6	1.4/WSW	55.6/W	77.7	21.8	.5	.0	26.1	23.6	31.3	19.1	W /15.3%
12	馬祖海域 (Y)													

表8.4a 2018年3月12個海域主要測站3觀測流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	617(83%)	68.1	16.9/ENE	164.0/ENE	15.2	24.0	37.3	23.5	37.8	19.6	24.1	18.5	W /21.2%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	693(93%)	60.6	11.6/N	150.0/N	21.1	20.3	44.9	13.7	50.2	2.2	42.4	5.2	NNE/34.6%
9	中雲海域 (Z)													
10	澎湖海域(Y)	744(100%)	26.2	12.6/SW	71.0/WSW	52.0	42.1	5.9	.0	23.3	11.0	58.3	7.4	SW /24.6%
11	金門海域(Y)	645(87%)	33.6	4.5/ESE	107.0/W	37.4	44.7	17.8	.2	26.8	26.4	31.6	15.2	E /23.6%
12	馬祖海域 (Y)													

表8.4b 2018年3月12個海域主要測站3潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	744(100%)	40.6	23.1/ENE	101.2/E	36.2	29.8	34.0	.0	62.0	.9	12.9	24.2	ENE/32.1%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	744(100%)	46.9	12.1/NNE	104.7/NNE	24.5	31.5	44.0	.1	56.3	.1	43.5	.0	NNE/55.6%
9	中雲海域 (Z)													
10	澎湖海域(Y)	744(100%)	22.0	13.0/SW	59.7/SW	62.6	34.9	2.4	.0	29.3	7.0	59.8	3.9	SW /39.4%
11	金門海域(Y)	744(100%)	14.1	1.8/SE	32.3/W	93.7	6.3	.0	.0	28.9	25.1	32.7	13.3	E /23.3%
12	馬祖海域(Y)	744(100%)	34.7	11.0/NE	84.2/ENE	37.1	44.8	18.1	.0	46.1	10.3	29.2	14.4	ENE/24.1%

表8.4c 2018年3月12個海域主要測站3殘餘流流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	617(83%)	64.1	5.8/W	180.9/W	14.9	26.1	43.4	15.6	33.1	13.3	38.2	15.4	WSW/21.1%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	693(93%)	36.9	2.8/NNW	122.2/NNE	40.1	32.3	26.8	.7	40.4	6.5	44.7	8.4	SSW/33.2%
9	中雲海域 (Z)													
10	澎湖海域(Y)	744(100%)	13.6	.5/E	40.9/NNW	93.4	6.6	.0	.0	33.5	14.5	35.6	16.4	SW /10.3%
11	金門海域(Y)	645(87%)	21.9	2.9/E	85.3/W	65.4	32.6	2.0	.0	32.4	23.4	28.8	15.3	E /19.5%
12	馬祖海域 (Y)													

8-12

表8.5a 2018年4月12個海域主要測站3觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	649(90%)	69.4	18.2/ENE	164.0/ENE	13.3	24.0	41.0	21.7	40.2	17.6	22.7	19.6	W /21.4%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	670(93%)	58.3	11.8/N	130.0/SSW	19.1	23.3	49.4	8.2	50.0	1.5	42.4	6.1	NNE/34.0%
9	中雲海域 (Z)													
10	澎湖海域(Y)	698(97%)	24.1	9.0/SW	69.0/WSW	57.0	40.0	3.0	.0	29.5	7.9	54.7	7.9	SW /23.4%
11	金門海域(Y)	640(89%)	32.0	5.9/E	97.0/W	39.8	45.2	15.0	.0	33.0	25.9	28.8	12.3	E /27.7%
12	馬祖海域(Y)	298(41%)	41.8	18.4/NE	100.0/E	25.8	45.6	28.5	.0	53.7	3.7	15.8	26.8	ENE/25.8%

表8.5b 2018年4月12個海域主要測站3潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	720(100%)	40.2	23.2/ENE	101.3/ENE	35.7	31.1	33.2	.0	62.1	1.3	12.2	24.4	ENE/32.5%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	720(100%)	46.8	12.0/NNE	114.6/NNE	25.4	29.9	43.6	1.1	54.7	.8	44.2	.3	NNE/53.9%
9	中雲海域 (Z)													
10	澎湖海域(Y)	720(100%)	21.7	13.0/SW	56.0/SW	64.7	34.0	1.3	.0	28.8	6.0	61.5	3.8	SW /41.0%
11	金門海域(Y)	720(100%)	13.9	1.8/SE	30.7/E	94.4	5.6	.0	.0	29.0	24.7	32.9	13.3	E /23.3%
12	馬祖海域(Y)	720(100%)	34.4	11.0/NE	81.1/ENE	35.4	46.8	17.8	.0	46.8	10.4	28.1	14.7	ENE/23.6%

表8.5c 2018年4月12個海域主要測站3殘餘流流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	649(90%)	64.0	4.7/W	175.1/WNW	15.6	23.9	46.1	14.5	33.1	14.8	35.1	16.9	ENE/20.0%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	670(93%)	30.1	2.4/NNW	97.9/N	49.9	35.1	15.1	.0	39.1	5.7	44.5	10.7	SSW/32.1%
9	中雲海域 (Z)													
10	澎湖海域(Y)	698(97%)	12.3	4.0/NE	38.4/NE	96.8	3.2	.0	.0	41.1	14.3	21.6	22.9	NE /12.9%
11	金門海域(Y)	640(89%)	21.2	4.3/E	77.6/W	68.9	29.1	2.0	.0	39.5	20.2	27.0	13.3	E /22.0%
12	馬祖海域(Y)	298(41%)	40.7	7.6/NE	112.6/ENE	26.2	43.6	29.5	.7	43.0	7.4	31.9	17.8	ENE/24.2%

表8.6a 2018年5月12個海域主要測站3觀測流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	593(80%)	61.8	11.6/ENE	161.0/E	16.9	27.2	41.0	15.0	37.4	18.2	24.6	19.7	W /20.4%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	522(70%)	47.5	6.0/NNE	135.0/NNE	29.5	29.5	37.2	3.8	43.3	12.3	35.8	8.6	NNE/25.3%
9	中雲海域 (Z)													
10	澎湖海域(Y)	709(95%)	21.5	8.3/WSW	58.0/NE	61.4	38.2	.4	.0	25.5	7.3	55.0	12.1	WSW/24.8%
11	金門海域(Y)	711(96%)	33.6	7.6/E	92.0/E	39.7	41.1	19.3	.0	36.8	19.3	27.7	16.2	E /25.7%
12	馬祖海域(Y)	644(87%)	29.5	12.3/NE	113.0/ENE	55.1	28.3	16.3	.3	48.4	5.1	22.0	24.4	ENE/21.7%

表8.6b 2018年5月12個海域主要測站3潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	744(100%)	40.2	23.2/ENE	96.3/E	35.2	32.9	31.9	.0	63.4	.7	12.8	23.1	ENE/34.1%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	744(100%)	47.4	12.0/NNE	118.0/NNE	24.1	30.5	43.0	2.4	55.5	.3	44.1	.1	NNE/54.7%
9	中雲海域 (Z)													
10	澎湖海域(Y)	744(100%)	21.7	13.0/SW	54.8/SW	65.2	33.5	1.3	.0	29.0	5.5	61.7	3.8	SW /40.5%
11	金門海域(Y)	744(100%)	13.9	1.8/SE	33.6/E	91.7	8.3	.0	.0	28.6	25.4	33.2	12.8	E /23.5%
12	馬祖海域(Y)	744(100%)	34.5	11.1/NE	78.0/ENE	36.2	46.2	17.6	.0	47.0	9.5	28.5	14.9	ENE/24.7%

表8.6c 2018年5月12個海域主要測站3殘餘流流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	593(80%)	60.6	10.3/WSW	163.3/W	16.9	25.5	45.4	12.3	32.4	11.5	40.5	15.7	WSW/22.4%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	522(70%)	34.2	1.3/NNE	119.2/N	45.0	33.5	20.5	1.0	35.2	12.8	37.2	14.8	SSW/24.1%
9	中雲海域 (Z)													
10	澎湖海域(Y)	709(95%)	12.3	5.6/NNE	41.6/NE	96.9	3.1	.0	.0	50.2	11.6	16.8	21.4	NNE/17.2%
11	金門海域(Y)	711(96%)	23.4	6.6/ENE	78.6/E	60.8	35.9	3.4	.0	44.6	12.9	24.6	17.9	E /22.1%
12	馬祖海域(Y)	644(87%)	39.7	1.9/NE	120.3/WSW	29.2	42.5	27.2	1.1	39.4	9.5	38.8	12.3	ENE/23.0%

表8.7a 2018年6月12個海域主要測站3觀測流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	696(97%)	69.6	25.7/ENE	179.0/E	15.9	22.1	38.8	23.1	46.4	14.9	19.3	19.4	ENE/24.6%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	549(76%)	50.1	10.9/NNE	164.0/NNE	27.7	31.1	33.3	7.8	43.5	17.9	29.7	8.9	NNE/26.4%
9	中雲海域 (Z)													
10	澎湖海域(Y)	658(91%)	22.8	9.3/WSW	79.0/SW	59.9	38.0	2.1	.0	23.1	7.8	55.0	14.1	SW /20.1%
11	金門海域(Y)	678(94%)	31.4	5.5/ESE	99.0/W	45.9	38.9	15.2	.0	29.4	26.5	33.6	10.5	E /24.2%
12	馬祖海域(Y)	717(100%)	39.3	18.4/NE	124.0/ENE	34.3	40.6	22.5	2.6	54.4	6.3	18.3	21.1	ENE/26.2%

表8.7b 2018年6月12個海域主要測站3潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	720(100%)	39.5	23.2/ENE	93.6/E	36.0	34.2	29.9	.0	62.9	1.3	11.4	24.4	ENE/34.0%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	720(100%)	47.0	11.9/NNE	118.2/NNE	24.2	31.4	42.4	2.1	55.0	.8	44.0	.1	NNE/54.9%
9	中雲海域 (Z)													
10	澎湖海域(Y)	720(100%)	21.4	13.1/SW	58.0/SW	64.4	33.9	1.7	.0	29.2	5.8	61.5	3.5	SW /41.4%
11	金門海域(Y)	720(100%)	13.8	1.8/SE	35.2/W	91.3	8.8	.0	.0	27.5	26.1	33.1	13.3	E /23.5%
12	馬祖海域(Y)	720(100%)	33.8	11.0/NE	77.2/ENE	37.6	45.6	16.8	.0	47.9	8.8	28.3	15.0	ENE/25.6%

表8.7c 2018年6月12個海域主要測站3殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	696(97%)	61.7	2.3/ENE	166.9/W	17.7	24.0	44.8	13.5	40.1	13.1	31.6	15.2	E /23.3%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	549(76%)	38.9	6.2/NNE	137.7/N	31.9	44.3	21.9	2.0	43.5	14.0	36.4	6.0	SSW/21.1%
9	中雲海域 (Z)													
10	澎湖海域(Y)	658(91%)	13.4	4.6/NNE	43.8/SW	92.9	7.1	.0	.0	41.5	8.5	23.3	26.7	NNE/14.0%
11	金門海域(Y)	678(94%)	22.9	4.1/E	76.7/WSW	63.9	31.7	4.4	.0	38.8	18.9	31.7	10.6	E /20.9%
12	馬祖海域(Y)	717(100%)	41.6	7.5/NE	132.6/E	30.8	37.9	29.6	1.7	43.9	10.0	29.1	16.9	ENE/23.0%

表 8.8a 2018 年 7 月 12 個海域主要測站 3 觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2 節流 <25.7 (%)	1 節流 ~51.4 (%)	2 節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	619(83%)	67.4	22.1/ENE	203.0/ENE	16.6	27.9	34.1	21.3	42.3	16.5	20.2	21.0	E /24.6%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	694(93%)	56.2	20.6/NNE	157.0/NNE	23.1	25.1	41.4	10.5	54.2	10.1	30.4	5.3	NNE/40.9%
9	中雲海域 (Z)													
10	澎湖海域(Y)	744(100%)	22.7	5.5/SW	64.0/ENE	59.9	38.0	2.0	.0	28.8	5.2	52.6	13.4	SW /20.4%
11	金門海域(Y)	516(69%)	32.3	8.7/E	91.0/WSW	43.4	39.7	16.9	.0	32.6	26.9	29.3	11.2	E /26.7%
12	馬祖海域(Y)	744(100%)	45.9	26.5/NE	158.0/SW	28.2	33.7	35.5	2.6	57.4	7.9	10.3	24.3	ENE/26.1%

表8.8b 2018年7月12個海域主要測站3潮流(含平均流)流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	744(100%)	39.2	23.2/ENE	97.4/ENE	35.8	33.3	30.9	.0	63.0	.7	10.8	25.5	ENE/32.7%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	744(100%)	46.8	11.9/NNE	116.3/NNE	24.7	31.5	42.5	1.3	54.7	.5	44.8	.0	NNE/54.2%
9	中雲海域 (Z)													
10	澎湖海域(Y)	744(100%)	21.3	13.0/SW	60.5/SW	64.4	33.9	1.7	.0	28.4	6.2	60.6	4.8	SW /38.6%
11	金門海域(Y)	744(100%)	13.7	1.8/SE	35.3/W	93.3	6.7	.0	.0	27.4	25.4	34.1	13.0	E /23.3%
12	馬祖海域(Y)	744(100%)	33.4	11.0/NE	81.2/ENE	38.0	45.3	16.7	.0	47.6	9.4	28.4	14.7	ENE/25.8%

表8.8c 2018年7月12個海域主要測站3殘餘流流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	619(83%)	61.9	.2/ENE	173.7/ENE	17.9	26.8	40.9	14.4	33.0	16.0	34.2	16.8	E /22.9%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	694(93%)	42.2	9.9/NNE	116.6/NNE	31.7	33.9	33.1	1.3	50.9	11.0	32.9	5.3	NNE/31.0%
9	中雲海域 (Z)													
10	澎湖海域(Y)	744(100%)	14.7	7.6/NE	45.8/ENE	88.7	11.3	.0	.0	54.3	8.5	17.3	19.9	NE /21.1%
11	金門海域(Y)	516(69%)	22.5	7.6/E	62.7/E	64.0	33.1	2.9	.0	39.0	22.9	26.2	12.0	E /22.7%
12	馬祖海域(Y)	744(100%)	46.0	15.5/NE	164.4/SW	24.5	37.2	35.5	2.8	49.6	7.8	21.2	21.4	ENE/23.3%

表8.9a 2018年8月12個海域主要測站3觀測流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	727(98%)	89.4	35.7/ENE	226.0/E	11.6	16.4	33.6	38.5	48.3	11.0	25.4	15.3	E /33.1%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	653(88%)	59.7	25.8/NNE	242.0/NNE	23.9	24.7	36.6	14.9	50.8	7.7	32.2	9.3	NNE/36.1%
9	中雲海域 (Z)													
10	澎湖海域(Y)	744(100%)	20.2	7.3/SW	65.0/SSW	67.7	31.5	.8	.0	24.3	6.9	55.8	13.0	SW /20.0%
11	金門海域(Y)	39(5%)	35.0	18.6/ENE	69.0/E	35.9	38.5	25.6	.0	56.4	15.4	15.4	12.8	E /25.6%
12	馬祖海域(Y)	744(100%)	42.3	21.5/NE	125.0/E	34.1	33.3	30.5	2.0	54.3	8.2	14.7	22.8	ENE/23.4%

表8.9b 2018年8月12個海域主要測站3潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	744(100%)	39.0	23.2/ENE	99.9/E	37.1	31.2	31.7	.0	63.8	.4	9.5	26.2	ENE/33.2%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	743(100%)	46.0	11.7/NNE	109.6/NNE	24.9	32.3	42.1	.7	55.7	.7	43.6	.0	NNE/55.7%
9	中雲海域 (Z)													
10	澎湖海域(Y)	744(100%)	21.3	13.1/SW	60.6/SW	62.4	35.8	1.9	.0	29.8	5.8	61.2	3.2	SW /38.7%
11	金門海域(Y)	744(100%)	13.5	1.8/SE	34.2/W	94.5	5.5	.0	.0	27.8	24.9	33.7	13.6	E /22.8%
12	馬祖海域(Y)	744(100%)	33.0	10.9/NE	81.8/ENE	40.1	44.8	15.2	.0	46.9	10.5	28.4	14.2	ENE/24.7%

表8.9c 2018年8月12個海域主要測站3殘餘流流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	727(98%)	75.5	13.2/E	196.4/ENE	15.0	17.1	39.5	28.5	34.4	21.0	31.5	13.1	E /33.0%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	653(88%)	48.5	16.0/N	204.4/N	34.0	26.5	29.7	9.8	50.1	9.0	33.8	7.0	NNE/30.0%
9	中雲海域 (Z)													
10	澎湖海域(Y)	744(100%)	13.8	5.8/NE	50.6/ENE	91.5	8.5	.0	.0	51.9	8.2	19.6	20.3	NE /20.6%
11	金門海域(Y)	39(5%)	26.3	19.2/ENE	49.9/ENE	53.8	46.2	.0	.0	69.2	2.6	12.8	15.4	ENE/25.6%
12	馬祖海域(Y)	744(100%)	43.2	10.7/NE	132.8/WSW	25.7	43.1	28.9	2.3	44.0	9.4	27.4	19.2	ENE/22.3%

表8.10a 2018年9月12個海域主要測站3觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	712(99%)	90.7	36.0/ENE	219.0/ENE	10.8	15.7	34.8	38.6	45.8	13.8	23.5	17.0	E /31.0%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	699(97%)	62.1	20.6/NNE	175.0/N	19.6	24.0	39.6	16.7	55.2	7.7	31.8	5.3	NNE/42.1%
9	中雲海域 (Z)													
10	澎湖海域(Y)	720(100%)	26.6	12.4/SW	83.0/SW	54.4	34.9	10.7	.0	25.7	9.6	55.3	9.4	SW /24.6%
11	金門海域(Y)	395(55%)	32.2	8.4/SW	91.0/WSW	44.1	38.2	17.7	.0	19.5	26.3	44.8	9.4	WSW/23.3%
12	馬祖海域(Y)	716(99%)	47.3	12.9/NE	116.0/ENE	24.4	33.5	40.4	1.7	51.7	5.4	22.1	20.8	ENE/23.5%

表8.10b 2018年9月12個海域主要測站3潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	720(100%)	39.3	23.2/ENE	101.9/ENE	37.6	29.6	32.8	.0	63.3	.3	11.4	25.0	ENE/32.8%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	720(100%)	46.0	11.9/NNE	103.3/NNE	25.1	32.1	42.6	.1	54.4	.7	44.4	.4	NNE/53.9%
9	中雲海域 (Z)													
10	澎湖海域(Y)	720(100%)	21.5	13.1/SW	59.0/SW	62.5	35.8	1.7	.0	29.0	6.1	60.6	4.3	SW /39.4%
11	金門海域(Y)	720(100%)	13.6	1.8/SE	31.5/W	94.4	5.6	.0	.0	29.6	23.9	32.4	14.2	E /23.3%
12	馬祖海域(Y)	720(100%)	33.3	10.9/NE	82.8/ENE	39.0	44.9	16.1	.0	46.7	10.1	28.6	14.6	ENE/24.4%

表 8.10c 2018 年 9 月 12 個海域主要測站 3 殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2 節流 <25.7 (%)	1 節流 ~51.4 (%)	2 節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	712(99%)	75.4	13.7/E	181.4/ENE	14.5	20.8	37.8	27.0	33.7	20.9	31.0	14.3	E /29.4%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	699(97%)	45.1	8.9/NNE	133.9/N	28.9	32.5	36.9	1.7	48.9	9.2	36.9	5.0	NNE/33.9%
9	中雲海域 (Z)													
10	澎湖海域(Y)	720(100%)	14.9	2.0/ESE	41.3/S	88.8	11.3	.0	.0	37.8	17.9	30.6	13.8	NE /14.2%
11	金門海域(Y)	395(55%)	23.7	7.5/SW	81.2/WSW	60.0	32.7	7.3	.0	22.5	20.3	47.1	10.1	WSW/28.9%
12	馬祖海域(Y)	716(99%)	49.6	1.8/NE	130.0/SW	21.5	35.6	39.5	3.4	41.9	8.7	32.7	16.8	ENE/21.1%

表8.11a 2018年10月12個海域主要測站3觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	668(90%)	86.9	31.7/ENE	212.0/E	10.2	17.5	35.6	36.7	49.3	11.1	23.8	15.9	E /29.0%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	714(96%)	60.0	12.0/NNE	149.0/NNE	19.3	23.8	43.1	13.7	51.5	4.3	39.5	4.6	NNE/41.2%
9	中雲海域 (Z)													
10	澎湖海域(Y)	744(100%)	30.9	17.9/SW	85.0/SW	46.1	37.8	16.1	.0	25.5	10.8	60.2	3.5	SW /32.5%
11	金門海域(Y)	694(93%)	30.7	8.0/WSW	86.0/WSW	43.5	44.5	12.0	.0	22.8	19.5	40.6	17.1	WSW/19.9%
12	馬祖海域(Y)	744(100%)	48.6	11.0/SSW	136.0/ENE	19.2	38.6	40.5	1.7	31.9	7.5	49.5	11.2	SW /16.3%

表8.11b 2018年10月12個海域主要測站3潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	744(100%)	39.4	23.3/ENE	101.6/ENE	37.0	30.6	32.4	.0	62.8	.8	11.6	24.9	ENE/33.7%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	744(100%)	45.5	11.8/NNE	107.5/NNE	25.5	32.1	41.7	.7	55.8	.4	43.8	.0	NNE/55.2%
9	中雲海域 (Z)													
10	澎湖海域(Y)	744(100%)	21.5	13.1/SW	56.3/SW	64.7	34.0	1.3	.0	28.8	5.9	60.9	4.4	SW /41.3%
11	金門海域(Y)	744(100%)	13.8	1.8/SE	31.0/E	93.0	7.0	.0	.0	28.8	24.9	32.7	13.7	E /22.6%
12	馬祖海域(Y)	744(100%)	33.4	10.9/NE	81.3/ENE	37.8	46.4	15.9	.0	47.2	9.5	29.2	14.1	ENE/24.3%

表 8.11c 2018 年 10 月 12 個海域主要測站 3 殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2 節流 <25.7 (%)	1 節流 ~51.4 (%)	2 節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	667(90%)	75.0	9.2/E	169.8/E	13.8	17.8	41.2	27.1	38.4	16.3	32.1	13.2	E /26.8%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	714(96%)	32.7	1.4/ENE	108.4/NNE	43.1	39.2	17.4	.3	39.5	9.9	43.1	7.4	NNE/25.1%
9	中雲海域 (Z)													
10	澎湖海域(Y)	744(100%)	14.3	5.1/SSW	42.9/ENE	91.1	8.9	.0	.0	22.7	19.6	47.0	10.6	SSW/17.7%
11	金門海域(Y)	694(93%)	22.6	8.8/W	73.1/WSW	63.7	33.6	2.7	.0	23.3	11.5	41.2	23.9	WSW/22.0%
12	馬祖海域(Y)	744(100%)	53.1	21.0/SW	133.5/SW	18.5	32.3	45.4	3.8	23.5	16.8	50.5	9.1	WSW/18.1%

表8.12a 2018年11月12個海域主要測站3觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	718(100%)	70.6	20.2/ENE	167.0/ENE	11.3	21.7	47.4	19.6	45.7	14.1	29.4	10.9	E /20.1%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	693(96%)	56.7	6.7/NNE	158.0/NNE	20.1	24.8	47.8	7.4	48.6	2.6	43.7	5.1	NNE/40.1%
9	中雲海域 (Z)													
10	澎湖海域(Y)	720(100%)	29.7	15.9/SW	86.0/SW	48.9	36.7	14.4	.0	26.0	10.3	59.3	4.4	SW /30.1%
11	金門海域(Y)	682(95%)	29.5	3.3/W	88.0/W	44.9	46.0	9.1	.0	29.9	18.2	37.2	14.7	E /18.8%
12	馬祖海域(Y)	720(100%)	43.3	4.7/SSW	122.0/SW	23.6	43.5	32.5	.4	34.2	8.5	43.3	14.0	WSW/15.4%

表 8.12b 2018 年 11 月 12 個海域主要測站 3 潮流 (含平均流) 流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	720(100%)	39.8	23.2/ENE	100.3/ENE	36.4	31.7	31.9	.0	62.4	1.0	11.8	24.9	ENE/33.3%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	720(100%)	46.1	11.9/NNE	113.3/NNE	26.1	30.8	41.3	1.8	55.0	1.0	44.0	.0	NNE/53.8%
9	中雲海域 (Z)													
10	澎湖海域(Y)	720(100%)	21.6	13.1/SW	54.5/SW	64.9	33.2	1.9	.0	28.2	6.4	61.5	3.9	SW /41.1%
11	金門海域(Y)	720(100%)	13.9	1.8/SE	33.5/E	91.8	8.2	.0	.0	28.2	25.7	33.2	12.9	E /22.5%
12	馬祖海域(Y)	720(100%)	33.8	11.0/NE	78.4/ENE	37.5	45.6	16.9	.0	45.7	11.3	27.5	15.6	ENE/24.4%

表 8.12c 2018 年 11 月 12 個海域主要測站 3 殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2 節流 <25.7 (%)	1 節流 ~51.4 (%)	2 節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	718(100%)	62.1	3.2/SW	172.9/W	14.8	25.8	46.2	13.2	37.7	13.8	42.6	5.8	ENE/22.6%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	693(96%)	27.5	4.5/S	100.3/NNE	53.0	36.9	10.1	.0	32.6	12.0	49.1	6.3	SSW/28.9%
9	中雲海域 (Z)													
10	澎湖海域(Y)	720(100%)	14.9	2.9/SSW	45.9/WSW	92.4	7.6	.0	.0	28.6	18.2	42.2	11.0	SW /15.7%
11	金門海域(Y)	682(95%)	20.1	4.7/W	70.3/W	72.7	26.0	1.3	.0	30.6	14.4	35.6	19.4	WSW/16.6%
12	馬祖海域(Y)	720(100%)	47.9	15.1/SW	128.9/ENE	19.9	38.3	40.3	1.5	26.4	14.3	49.9	9.4	WSW/21.5%

表8.13a 2018年冬季12個海域主要測站3觀測流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	2113(98%)	73.9	19.4/ENE	181.0/E	10.8	20.6	44.2	24.4	42.7	15.6	21.6	20.1	ENE/22.7%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	1610(75%)	58.7	3.8/NNE	163.0/NNE	19.8	22.0	48.4	9.8	47.6	3.7	44.2	4.5	NNE/38.1%
9	中雲海域 (Z)													
10	澎湖海域(Y)	2159(100%)	28.6	19.8/SW	88.0/SW	51.5	34.5	14.1	.0	15.1	12.9	66.3	5.7	SW /32.7%
11	金門海域(Y)	1887(87%)	28.6	1.4/SSW	99.0/WSW	48.7	42.0	9.3	.0	26.4	24.0	31.1	18.5	E /18.8%
12	馬祖海域(Y)	116(5%)	26.0	13.7/SW	77.0/SW	55.2	37.9	6.9	.0	9.5	25.0	48.3	17.2	W /16.4%

表8.13b 2018年冬季12個海域主要測站3潮流(含平均流)流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	2160(100%)	39.8	23.1/ENE	100.3/ENE	36.0	31.3	32.6	.0	62.6	.9	11.3	25.3	ENE/32.0%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	2160(100%)	46.3	12.0/NNE	119.0/NNE	25.0	31.9	41.6	1.5	55.4	.7	43.9	.0	NNE/54.8%
9	中雲海域 (Z)													
10	澎湖海域(Y)	2160(100%)	21.7	13.1/SW	60.3/SW	63.0	35.0	1.9	.0	29.4	6.3	60.2	4.1	SW /39.3%
11	金門海域(Y)	2160(100%)	14.0	1.8/SE	36.5/W	92.6	7.4	.0	.0	28.1	25.0	33.4	13.5	E /23.6%
12	馬祖海域(Y)	2160(100%)	33.6	11.0/NE	84.0/ENE	37.7	46.4	15.9	.0	47.1	9.9	28.4	14.5	ENE/24.7%

838

表 8.13c 2018 年冬季 12 個海域主要測站 3 殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	2113(98%)	66.8	4.9/WNW	194.9/W	14.2	23.7	45.7	16.5	35.4	14.7	31.9	17.9	ENE/20.8%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	1610(75%)	30.6	6.9/SSW	106.5/SSW	47.1	36.3	16.5	.1	34.2	9.7	48.9	7.3	SSW/34.0%
9	中雲海域 (Z)													
10	澎湖海域(Y)	2159(100%)	14.9	6.8/SW	49.5/WSW	90.4	9.6	.0	.0	15.7	19.9	53.0	11.4	SW /16.6%
11	金門海域(Y)	1887(87%)	18.4	2.1/W	64.4/WSW	77.7	21.6	.7	.0	28.0	19.4	30.0	22.6	W /17.2%
12	馬祖海域(Y)	116(5%)	43.5	24.9/SW	105.3/SW	22.4	43.1	33.6	.9	13.8	25.0	57.8	3.4	WSW/35.3%

表 8.14a 2018年春季12個海域主要測站3觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	1859(84%)	66.6	15.7/ENE	164.0/ENE	15.1	25.0	39.8	20.2	38.5	18.5	23.8	19.3	W /21.0%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	1885(85%)	56.2	10.1/N	150.0/N	22.7	23.9	44.4	9.0	48.2	4.7	40.6	6.5	NNE/31.8%
9	中雲海域 (Z)													
10	澎湖海域(Y)	2151(97%)	24.0	9.9/SW	71.0/WSW	56.7	40.1	3.2	.0	26.0	8.8	56.1	9.1	SW /22.2%
11	金門海域(Y)	1996(90%)	33.1	5.9/E	107.0/W	39.0	43.5	17.4	.1	32.4	23.7	29.3	14.6	E /25.7%
12	馬祖海域(Y)	942(43%)	33.4	14.2/NE	113.0/ENE	45.9	33.8	20.2	.2	50.1	4.7	20.1	25.2	ENE/23.0%

表8.14b 2018年春季12個海域主要測站3潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	2208(100%)	40.3	23.1/ENE	101.3/ENE	35.7	31.3	33.0	.0	62.5	1.0	12.6	23.9	ENE/32.9%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	2208(100%)	47.0	12.0/NNE	118.0/NNE	24.6	30.6	43.5	1.2	55.5	.4	43.9	.1	NNE/54.8%
9	中雲海域 (Z)													
10	澎湖海域(Y)	2208(100%)	21.8	13.0/SW	59.7/SW	64.2	34.1	1.7	.0	29.0	6.2	61.0	3.8	SW /40.3%
11	金門海域(Y)	2208(100%)	13.9	1.8/SE	33.6/E	93.3	6.7	.0	.0	28.8	25.1	32.9	13.1	E /23.4%
12	馬祖海域(Y)	2208(100%)	34.6	11.0/NE	84.2/ENE	36.2	45.9	17.8	.0	46.6	10.1	28.6	14.7	ENE/24.1%

表 8.14c 2018 年春季 12 個海域主要測站 3 殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	1859(84%)	63.0	6.8/W	180.9/W	15.8	25.1	45.0	14.1	32.9	13.2	37.9	16.0	WSW/20.9%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	1885(85%)	33.7	2.1/NNW	122.2/NNE	44.9	33.6	20.9	.5	38.5	8.0	42.5	11.0	SSW/30.3%
9	中雲海域 (Z)													
10	澎湖海域(Y)	2151(97%)	12.7	3.2/NNE	41.6/NE	95.7	4.3	.0	.0	41.5	13.5	24.9	20.2	NNE/12.2%
11	金門海域(Y)	1996(90%)	22.2	4.6/ENE	85.3/W	64.9	32.6	2.5	.0	39.0	18.6	26.8	15.6	E /21.2%
12	馬祖海域(Y)	942(43%)	40.1	3.7/NE	120.3/WSW	28.2	42.9	27.9	1.0	40.6	8.8	36.6	14.0	ENE/23.4%

表8.15a 2018年夏季12個海域主要測站3觀測流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	2042(93%)	76.0	28.1/ENE	226.0/E	14.6	21.8	35.5	28.1	45.8	14.0	21.7	18.4	E /26.3%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	1896(86%)	55.6	19.5/NNE	242.0/NNE	24.7	26.7	37.4	11.2	49.9	11.5	30.8	7.8	NNE/35.1%
9	中雲海域 (Z)													
10	澎湖海域(Y)	2146(97%)	21.8	7.3/SW	79.0/SW	62.6	35.7	1.6	.0	25.5	6.6	54.4	13.5	SW /20.2%
11	金門海域(Y)	1233(56%)	31.9	7.1/E	99.0/W	44.5	39.3	16.2	.0	31.5	26.4	31.2	10.9	E /25.3%
12	馬祖海域(Y)	2205(100%)	42.5	22.2/NE	158.0/SW	32.2	35.8	29.6	2.4	55.4	7.5	14.4	22.8	ENE/25.2%

表8.15b 2018年夏季12個海域主要測站3潮流 (含平均流) 流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	2208(100%)	39.2	23.2/ENE	99.9/E	36.3	32.9	30.8	.0	63.3	.8	10.6	25.4	ENE/33.3%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	2207(100%)	46.6	11.8/NNE	118.2/NNE	24.6	31.7	42.3	1.4	55.1	.7	44.1	.0	NNE/54.9%
9	中雲海域 (Z)													
10	澎湖海域(Y)	2208(100%)	21.3	13.1/SW	60.6/SW	63.7	34.5	1.8	.0	29.1	5.9	61.1	3.8	SW /39.5%
11	金門海域(Y)	2208(100%)	13.7	1.8/SE	35.3/W	93.0	7.0	.0	.0	27.6	25.5	33.7	13.3	E /23.2%
12	馬祖海域(Y)	2208(100%)	33.4	11.0/NE	81.8/ENE	38.6	45.2	16.2	.0	47.5	9.6	28.4	14.6	ENE/25.4%

表 8.15c 2018 年夏季 12 個海域主要測站 3 殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2 節流 <25.7 (%)	1 節流 ~51.4 (%)	2 節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	2042(93%)	66.7	5.5/E	196.4/ENE	16.8	22.4	41.7	19.1	35.9	16.8	32.4	14.9	E /26.6%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	1896(86%)	43.4	10.8/NNE	204.4/N	32.5	34.3	28.7	4.4	48.5	11.2	34.2	6.1	NNE/27.1%
9	中雲海域 (Z)													
10	澎湖海域(Y)	2146(97%)	14.0	6.0/NNE	50.6/ENE	91.0	9.0	.0	.0	49.5	8.4	19.9	22.1	NE /18.7%
11	金門海域(Y)	1233(56%)	22.8	6.0/E	76.7/WSW	63.6	32.8	3.6	.0	39.8	20.0	28.8	11.4	E /21.7%
12	馬祖海域(Y)	2205(100%)	43.6	11.3/NE	164.4/SW	26.9	39.5	31.3	2.3	45.9	9.1	25.9	19.2	ENE/22.9%

表 8.16a 2018 年秋季 12 個海域主要測站 3 觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	2098(96%)	82.6	29.2/ENE	219.0/ENE	10.8	18.4	39.4	31.5	46.9	13.0	25.6	14.5	E /26.6%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	2106(96%)	59.6	13.1/NNE	175.0/N	19.7	24.2	43.5	12.6	51.8	4.9	38.3	5.0	NNE/41.1%
9	中雲海域 (Z)													
10	澎湖海域(Y)	2184(100%)	29.1	15.4/SW	86.0/SW	49.8	36.4	13.8	.0	25.7	10.2	58.3	5.8	SW /29.1%
11	金門海域(Y)	1771(81%)	30.6	6.1/WSW	91.0/WSW	44.2	43.7	12.1	.0	24.8	20.5	40.3	14.5	WSW/19.7%
12	馬祖海域(Y)	2180(100%)	46.4	2.7/SSE	136.0/ENE	22.4	38.5	37.8	1.3	39.1	7.2	38.4	15.3	ENE/17.3%

表8.16b 2018年秋季12個海域主要測站3潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	2184(100%)	39.5	23.2/ENE	101.9/ENE	37.0	30.6	32.4	.0	62.8	.7	11.6	24.9	ENE/33.3%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	2184(100%)	45.9	11.9/NNE	113.3/NNE	25.6	31.7	41.8	.9	55.1	.7	44.1	.1	NNE/54.3%
9	中雲海域 (Z)													
10	澎湖海域(Y)	2184(100%)	21.6	13.1/SW	59.0/SW	64.0	34.3	1.6	.0	28.7	6.1	61.0	4.2	SW /40.6%
11	金門海域(Y)	2184(100%)	13.8	1.8/SE	33.5/E	93.1	6.9	.0	.0	28.8	24.8	32.7	13.6	E /22.8%
12	馬祖海域(Y)	2184(100%)	33.5	10.9/NE	82.8/ENE	38.1	45.6	16.3	.0	46.5	10.3	28.4	14.7	ENE/24.4%

表 8.16c 2018 年秋季 12 個海域主要測站 3 殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	2097(96%)	70.7	6.8/E	181.4/ENE	14.4	21.6	41.8	22.3	36.6	17.0	35.3	11.1	E /23.1%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	2106(96%)	35.1	2.2/NE	133.9/N	41.6	36.2	21.5	.7	40.4	10.4	43.0	6.3	SSW/26.3%
9	中雲海域 (Z)													
10	澎湖海域(Y)	2184(100%)	14.7	2.7/S	45.9/WSW	90.8	9.2	.0	.0	29.6	18.6	40.0	11.8	SSW/12.7%
11	金門海域(Y)	1771(81%)	21.9	6.7/W	81.2/WSW	66.3	30.4	3.2	.0	26.0	14.6	40.4	19.1	WSW/21.5%
12	馬祖海域(Y)	2180(100%)	50.2	11.5/SW	133.5/SW	20.0	35.4	41.8	2.9	30.5	13.3	44.4	11.7	WSW/17.6%

表8.17a 2018年整年12個海域主要測站3觀測流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	8112(93%)	75.0	23.1/ENE	226.0/E	12.7	21.3	39.8	26.2	43.6	15.2	23.2	18.0	E /22.4%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	7497(86%)	57.5	11.9/NNE	242.0/NNE	21.7	24.3	43.2	10.8	49.5	6.3	38.3	5.9	NNE/36.6%
9	中雲海域 (Z)													
10	澎湖海域(Y)	8640(99%)	25.9	13.1/SW	88.0/SW	55.1	36.7	8.2	.0	23.1	9.6	58.8	8.5	SW /26.1%
11	金門海域(Y)	6887(79%)	31.0	1.8/SE	107.0/W	44.0	42.4	13.6	.0	28.6	23.4	33.0	15.0	E /21.9%
12	馬祖海域(Y)	5443(62%)	42.2	11.0/NE	158.0/SW	31.1	36.6	30.8	1.5	47.0	7.2	25.7	20.1	ENE/21.2%

表8.17b 2018年整年12個海域主要測站3潮流(含平均流)流速及流向重要統計量統計表

序號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	8760(100%)	39.7	23.2/ENE	101.9/ENE	36.2	31.5	32.2	.0	62.8	.8	11.5	24.9	ENE/32.9%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	8759(100%)	46.5	11.9/NNE	119.0/NNE	25.0	31.5	42.3	1.2	55.3	.6	44.0	.1	NNE/54.7%
9	中雲海域 (Z)													
10	澎湖海域(Y)	8760(100%)	21.6	13.1/SW	60.6/SW	63.7	34.5	1.8	.0	29.1	6.1	60.8	4.0	SW /39.9%
11	金門海域(Y)	8760(100%)	13.8	1.8/SE	36.5/W	93.0	7.0	.0	.0	28.3	25.1	33.2	13.4	E /23.2%
12	馬祖海域(Y)	8760(100%)	33.8	11.0/NE	84.2/ENE	37.7	45.8	16.6	.0	46.9	10.0	28.4	14.6	ENE/24.7%

8-50

表 8.17c 2018 年整年 12 個海域主要測站 3 殘餘流流速及流向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	北苗海域 (Z)													
2	北端海域(R)	8111(93%)	66.9	.4/ENE	196.4/ENE	15.3	23.1	43.5	18.1	35.3	15.5	34.3	15.0	E /21.2%
3	宜蘭海域 (Z)													
4	花蓮海域 (Z)													
5	臺東海域 (R)													
6	屏東海域 (R)													
7	高雄海域 (2)													
8	嘉南海域(Y)	7497(86%)	35.9	2.2/NNE	204.4/N	41.3	35.1	22.1	1.5	40.6	9.8	41.9	7.6	SSW/27.8%
9	中雲海域 (Z)													
10	澎湖海域(Y)	8640(99%)	14.1	.0/SW	50.6/ENE	91.9	8.1	.0	.0	34.0	15.1	34.5	16.3	NE /11.4%
11	金門海域(Y)	6887(79%)	21.2	.1/ENE	85.3/W	68.5	29.1	2.4	.0	32.8	18.1	31.5	17.6	E /17.4%
12	馬祖海域(Y)	5443(62%)	45.6	.2/ESE	164.4/SW	24.3	38.5	35.0	2.3	38.1	11.1	35.9	15.0	ENE/19.7%

第九章 2018 年 12 海域海流主要觀測站 3 每月歷線比較圖

(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 Harbors Current Speed at 2017/12

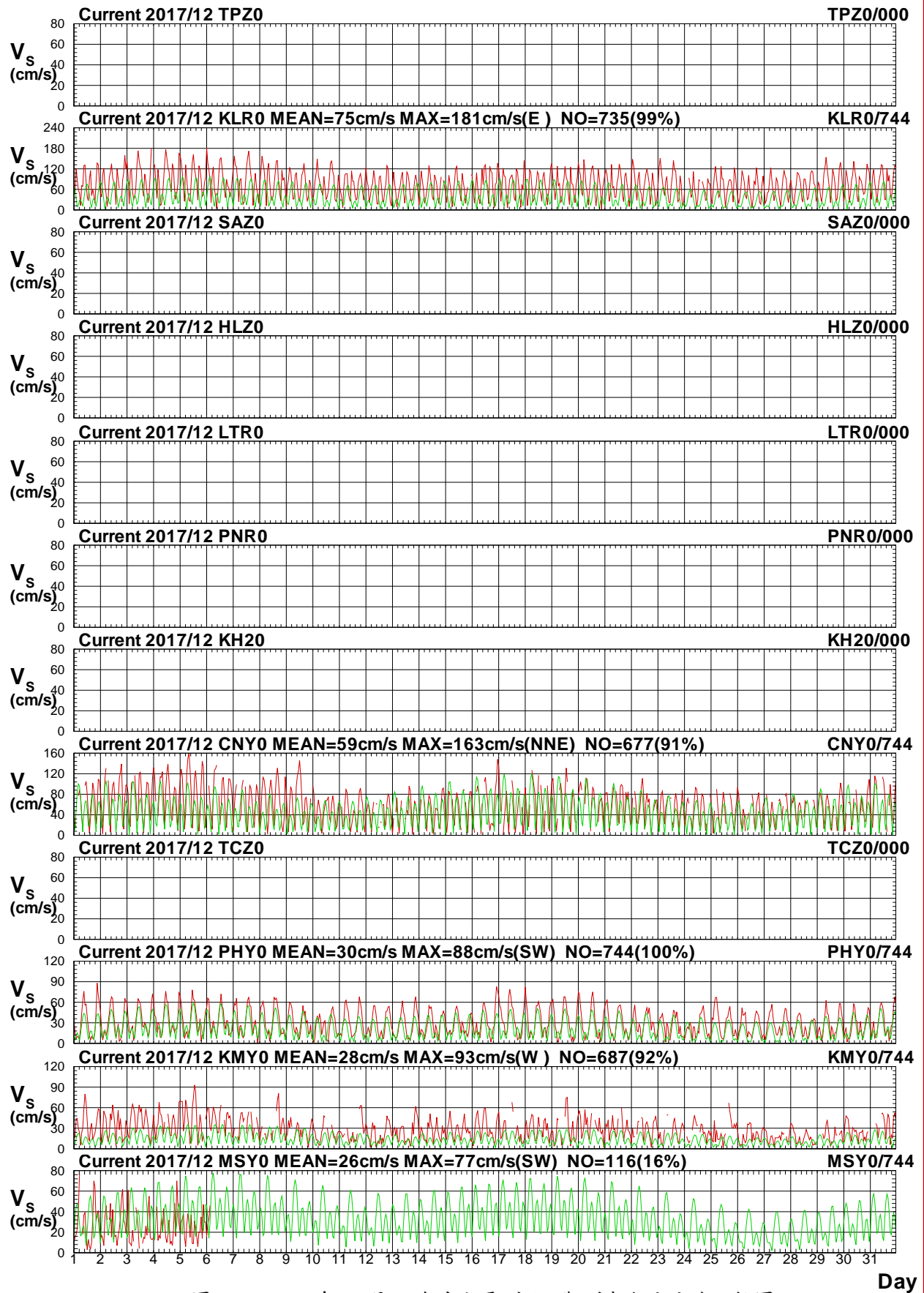


圖9.1a 2017年12月12海域主要測站3觀測與潮流流速比較圖

C17CTPZ0.1H0 C17CTPZ0.1HD C17CKLR0.1H0 C17CKLR0.1HD C17CSAZ0.1H0 C17CSAZ0.1HD
 C17CHLZ0.1H0 C17CHLZ0.1HD C17CLTR0.1H0 C17CLTR0.1HD C17CPNR0.1H0 C17CPNR0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2017/12

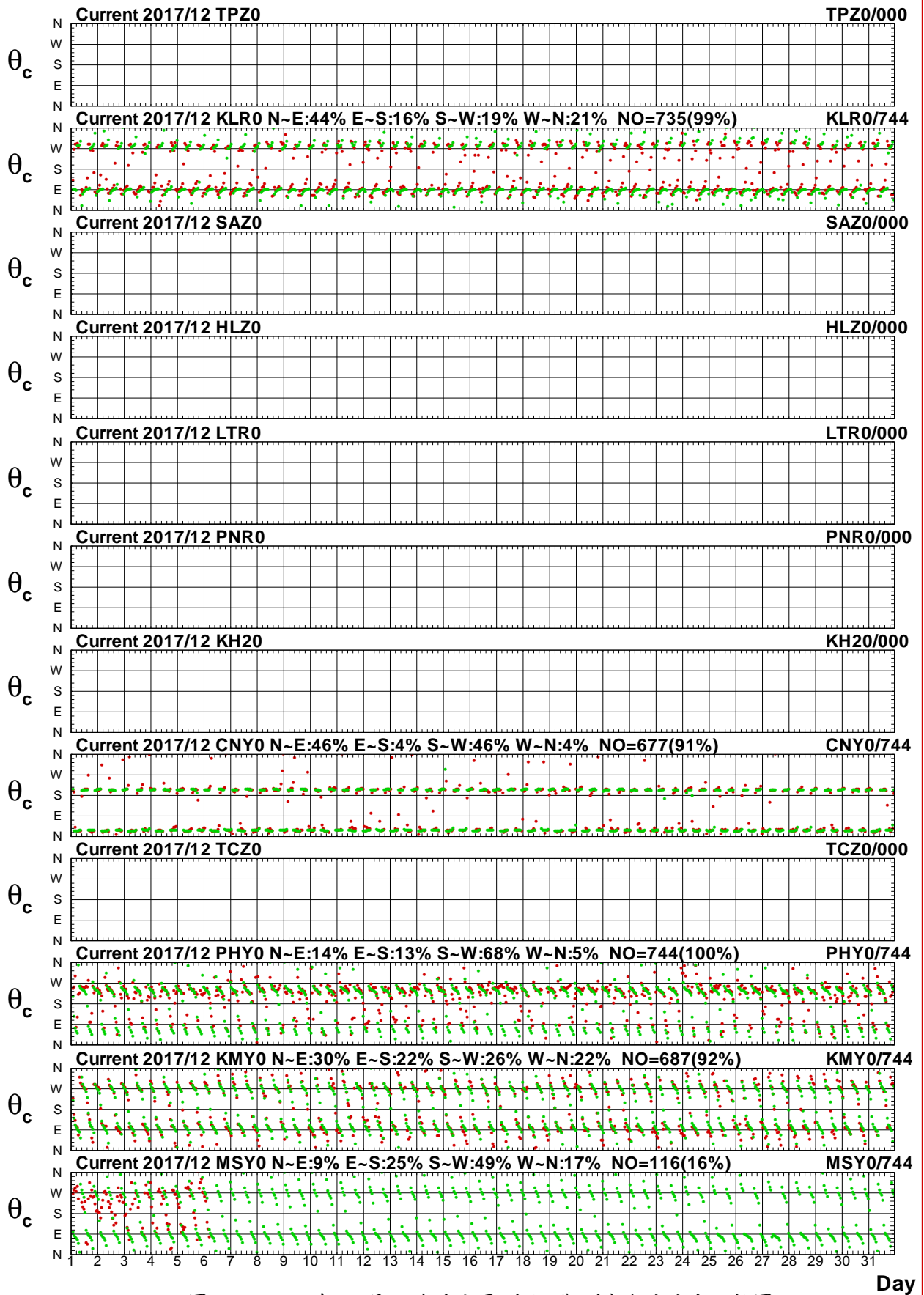


圖9.1b 2017年12月12海域主要測站3觀測與潮流流向比較圖

C17CTPZ0.1H0 C17CTPZ0.1HD C17CKLR0.1H0 C17CKLR0.1HD C17CSAZ0.1H0 C17CSAZ0.1HD
 C17CHLZ0.1H0 C17CHLZ0.1HD C17CLTR0.1H0 C17CLTR0.1HD C17CPNR0.1H0 C17CPNR0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2017/12

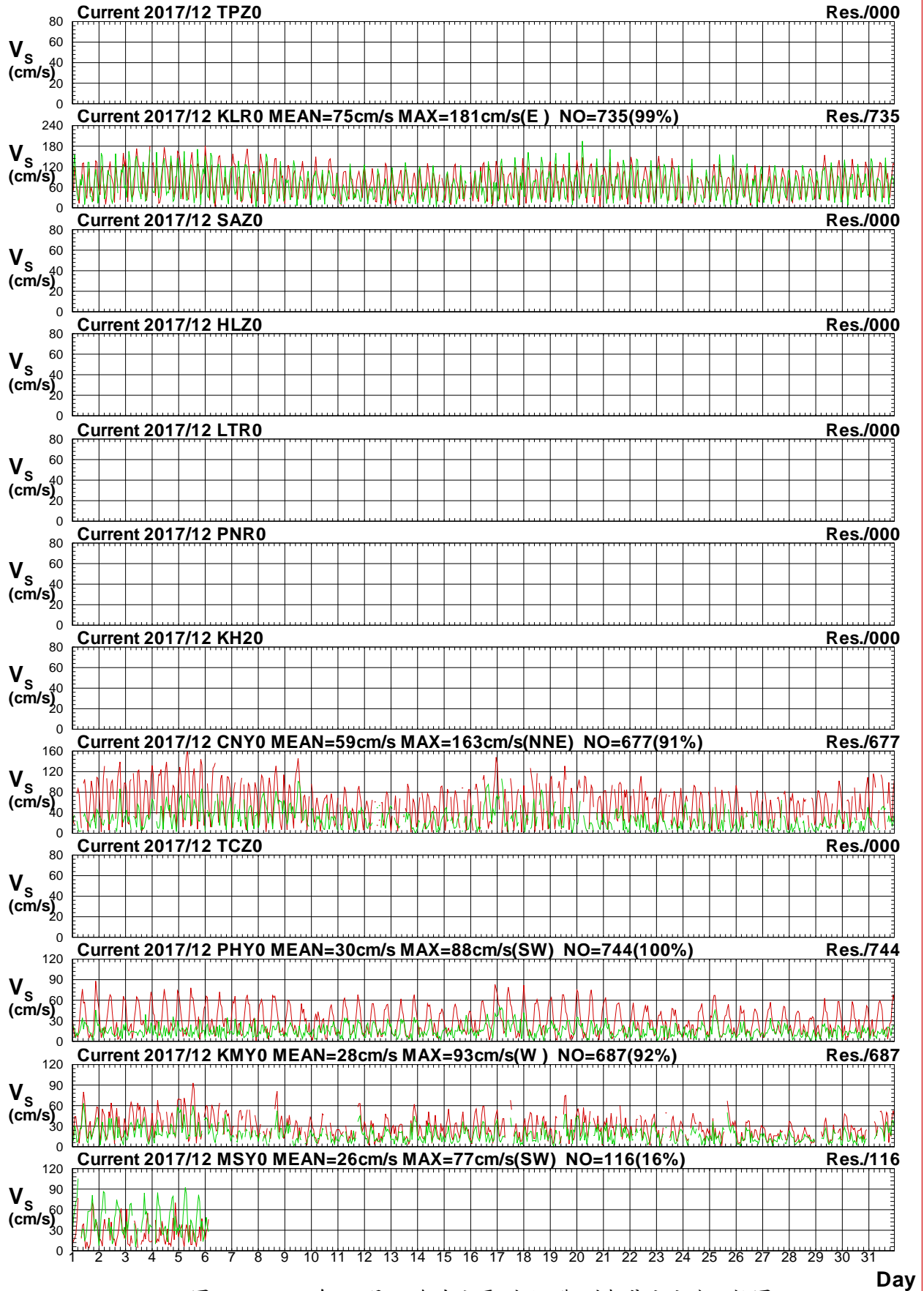


圖9.1c 2017年12月12海域主要測站3觀測與殘流流速比較圖

C17CTPZ0.1H0 C17CTPZ0.1HR C17CKLR0.1H0 C17CKLR0.1HR C17CSAZ0.1H0 C17CSAZ0.1HR
 C17CHLZ0.1H0 C17CHLZ0.1HR C17CLTR0.1H0 C17CLTR0.1HR C17CPNR0.1H0 C17CPNR0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2017/12

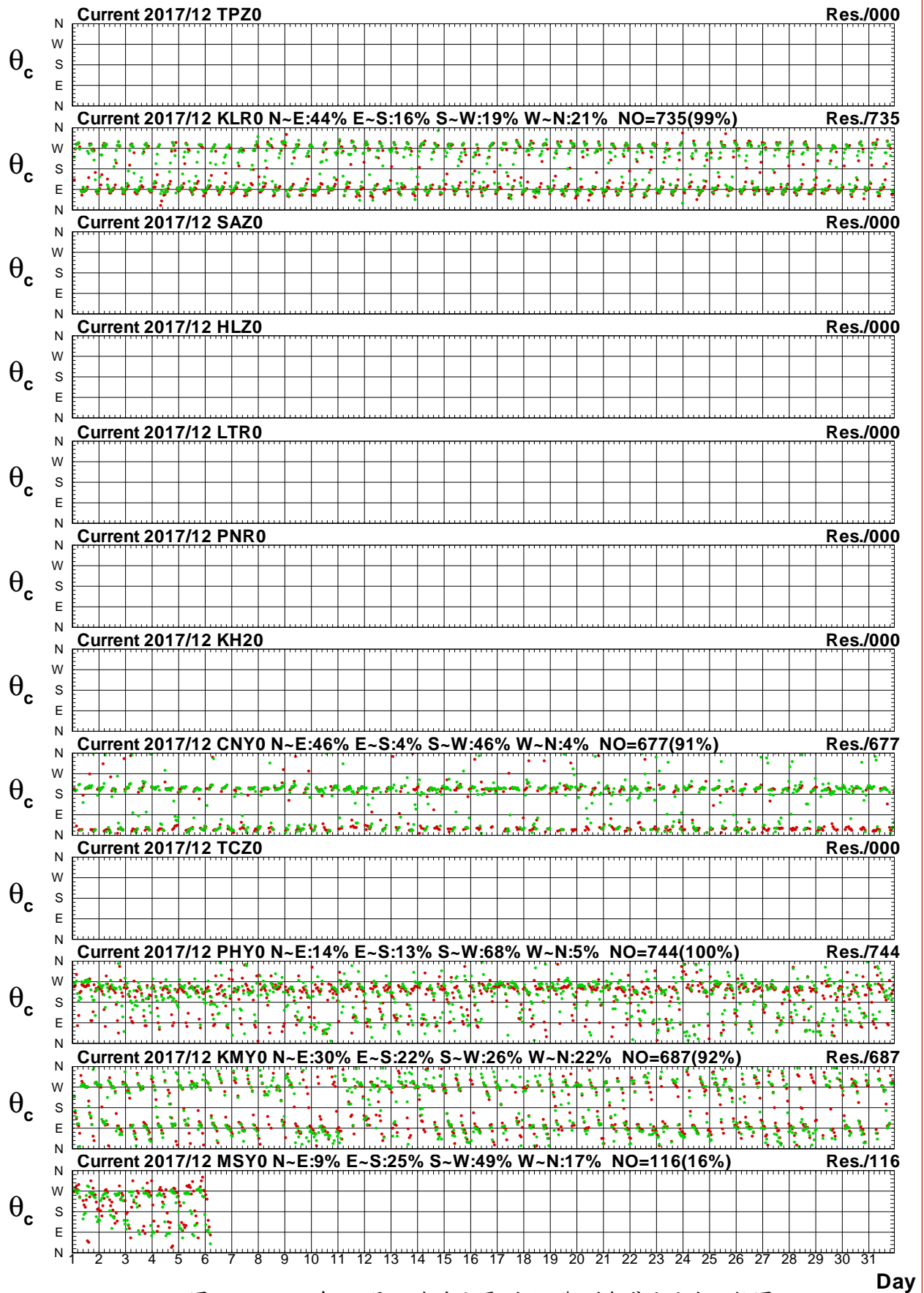


圖9.1d 2017年12月12海域主要測站3觀測與殘流流向比較圖

C17CTPZ0.1H0 C17CTPZ0.1HR C17CKLR0.1H0 C17CKLR0.1HR C17CSAZ0.1H0 C17CSAZ0.1HR
 C17CHLZ0.1H0 C17CHLZ0.1HR C17CLTR0.1H0 C17CLTR0.1HR C17CPNR0.1H0 C17CPNR0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/01

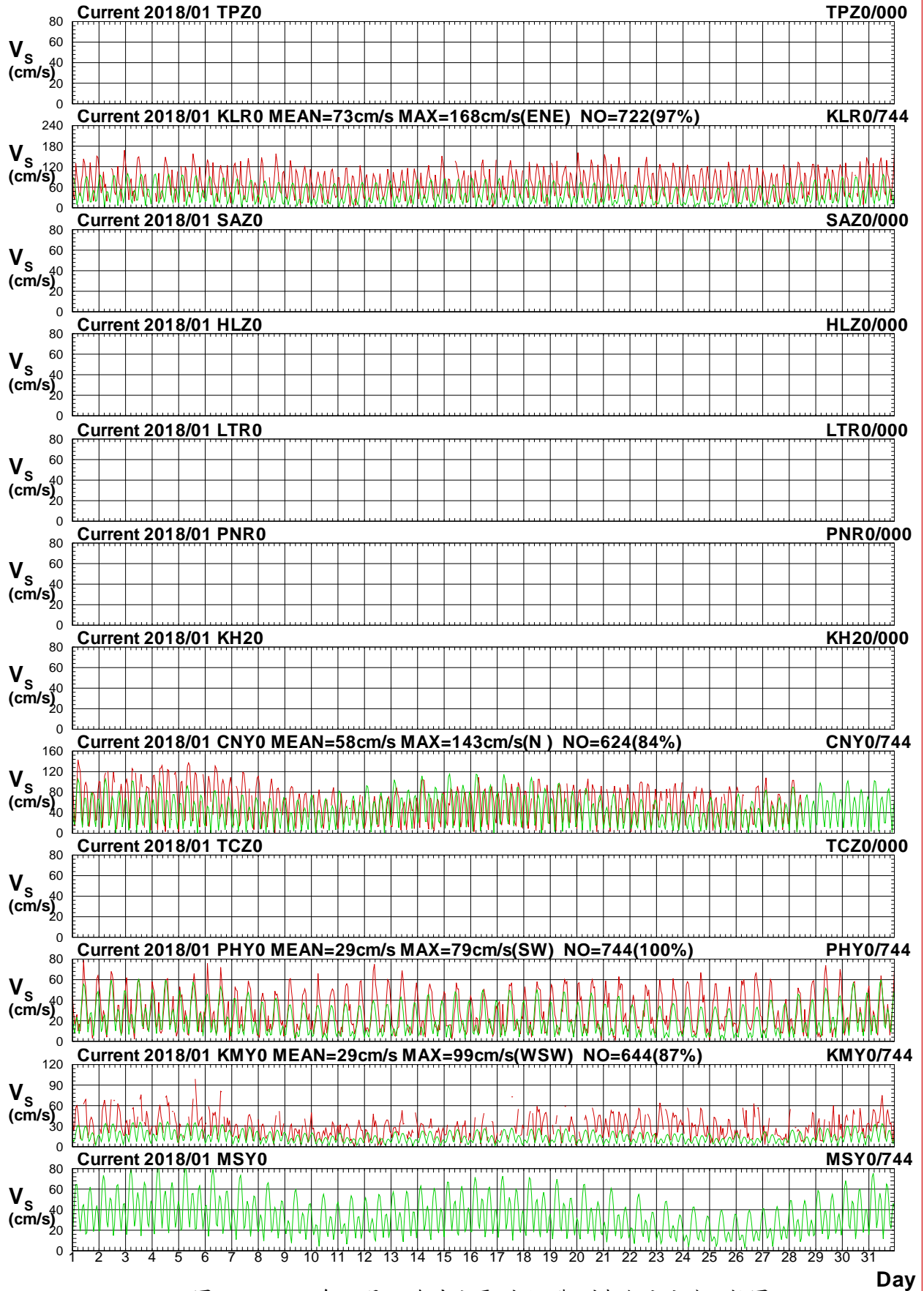


圖9.2a 2018年1月12海域主要測站3觀測與潮流流速比較圖

C181TPZ0.1H0 C181TPZ0.1HD C181KLR0.1H0 C181KLR0.1HD C181SAZ0.1H0 C181SAZ0.1HD
 C181HLZ0.1H0 C181HLZ0.1HD C181LTR0.1H0 C181LTR0.1HD C181PNR0.1H0 C181PNR0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/01

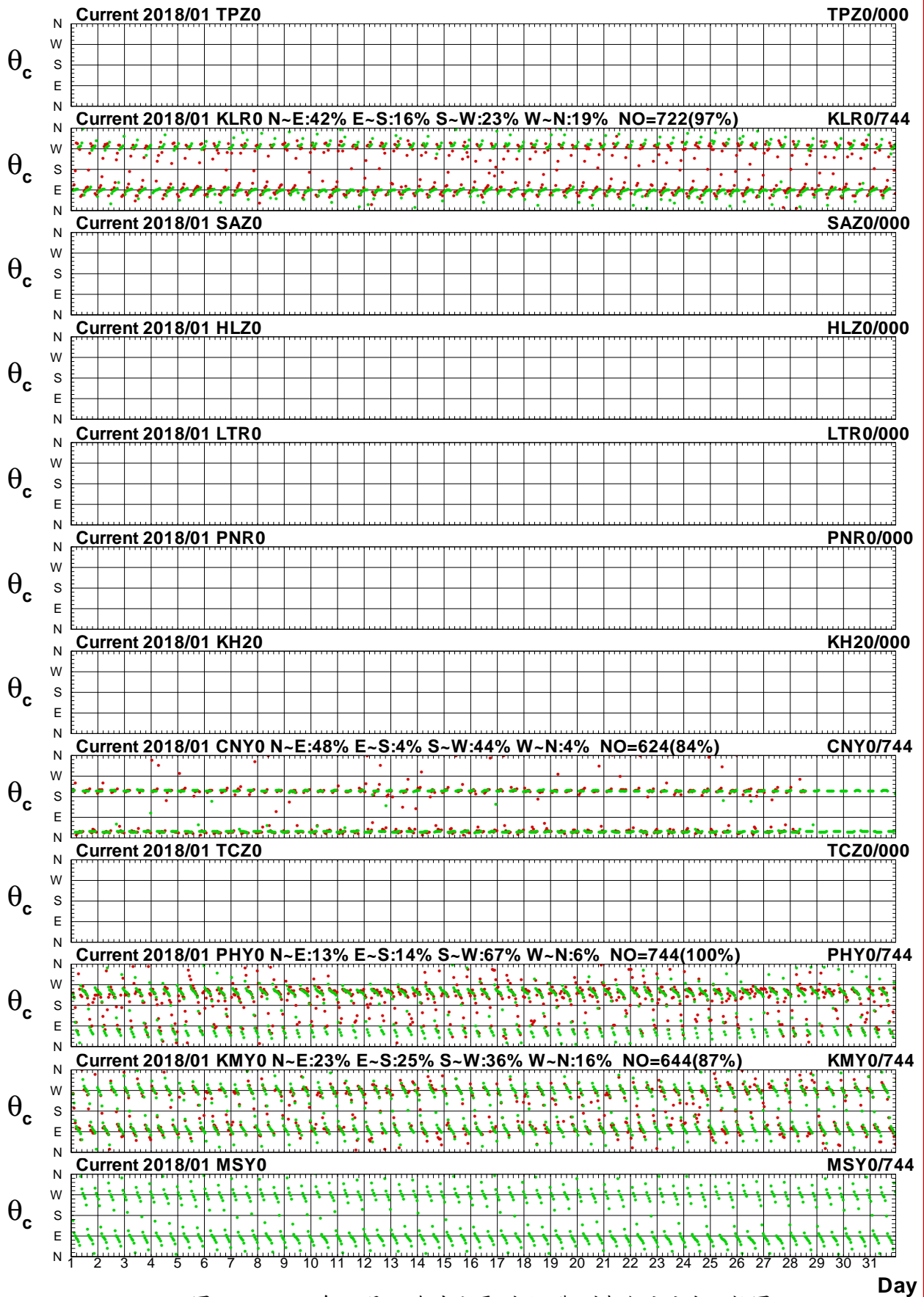


圖9.2b 2018年1月12海域主要測站3觀測與潮流流向比較圖

C181TPZ0.1HD C181TPZ0.1HD C181KLR0.1HD C181KLR0.1HD C181SAZ0.1HD C181SAZ0.1HD
 C181HLZ0.1HD C181HLZ0.1HD C181LTR0.1HD C181LTR0.1HD C181PNR0.1HD C181PNR0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/01

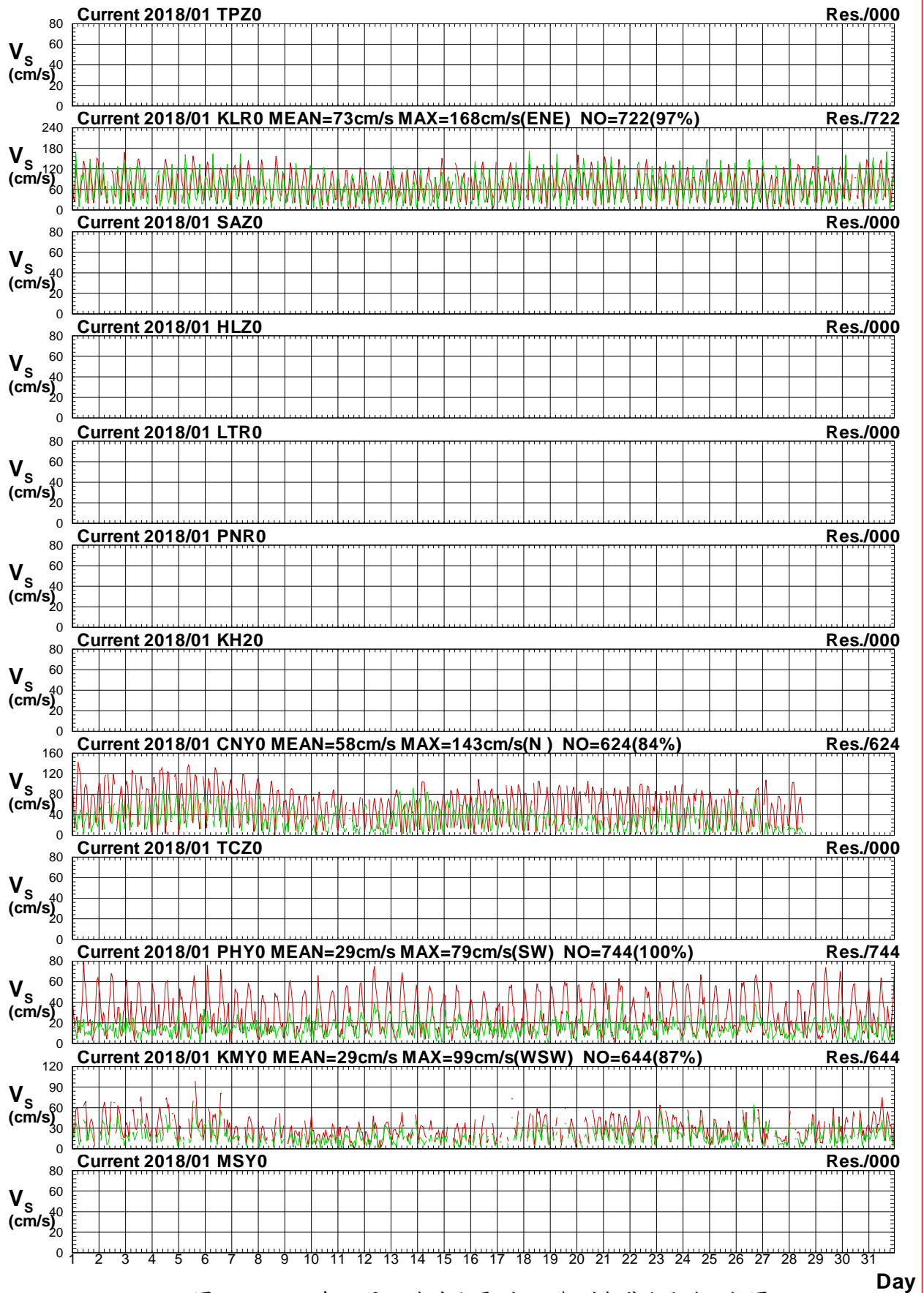


圖9.2c 2018年1月12海域主要測站3觀測與殘流流速比較圖

C181TPZ0.1H0 C181TPZ0.1HR C181KLR0.1H0 C181KLR0.1HR C181SAZ0.1H0 C181SAZ0.1HR
 C181HLZ0.1H0 C181HLZ0.1HR C181LTR0.1H0 C181LTR0.1HR C181PNR0.1H0 C181PNR0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/01

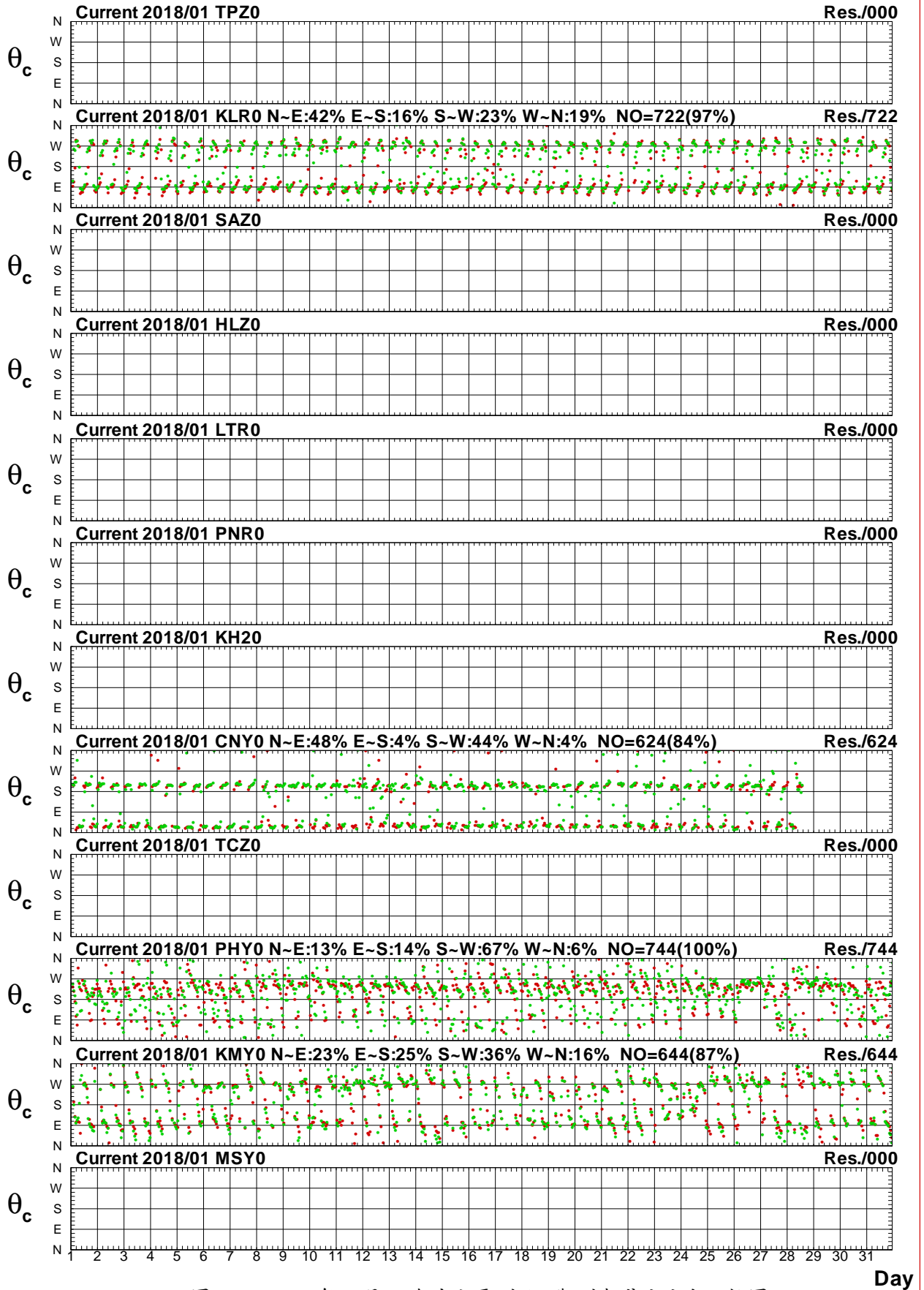


圖9.2d 2018年1月12海域主要測站3觀測與殘流流向比較圖

C181TPZ0.1H0 C181TPZ0.1HR C181KLR0.1H0 C181KLR0.1HR C181SAZ0.1H0 C181SAZ0.1HR
 C181HLZ0.1H0 C181HLZ0.1HR C181LTR0.1H0 C181LTR0.1HR C181PNR0.1H0 C181PNR0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/02

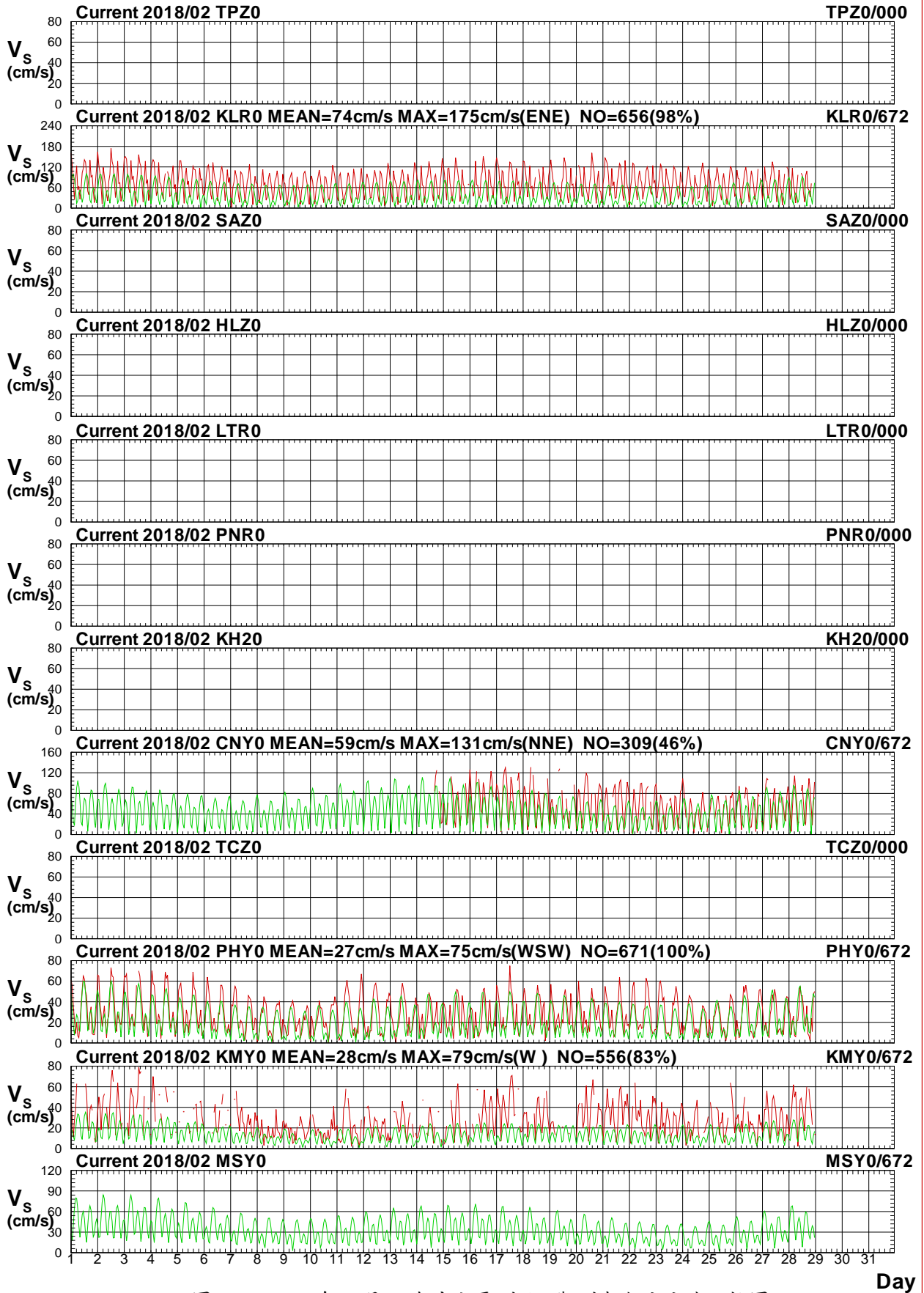


圖9.3a 2018年2月12海域主要測站3觀測與潮流流速比較圖

C182TPZO.1HO C182TPZO.1HD C182KLR0.1HO C182KLR0.1HD C182SAZO.1HO C182SAZO.1HD
 C182HLZO.1HO C182HLZO.1HD C182LTR0.1HO C182LTR0.1HD C182PNR0.1HO C182PNR0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/02

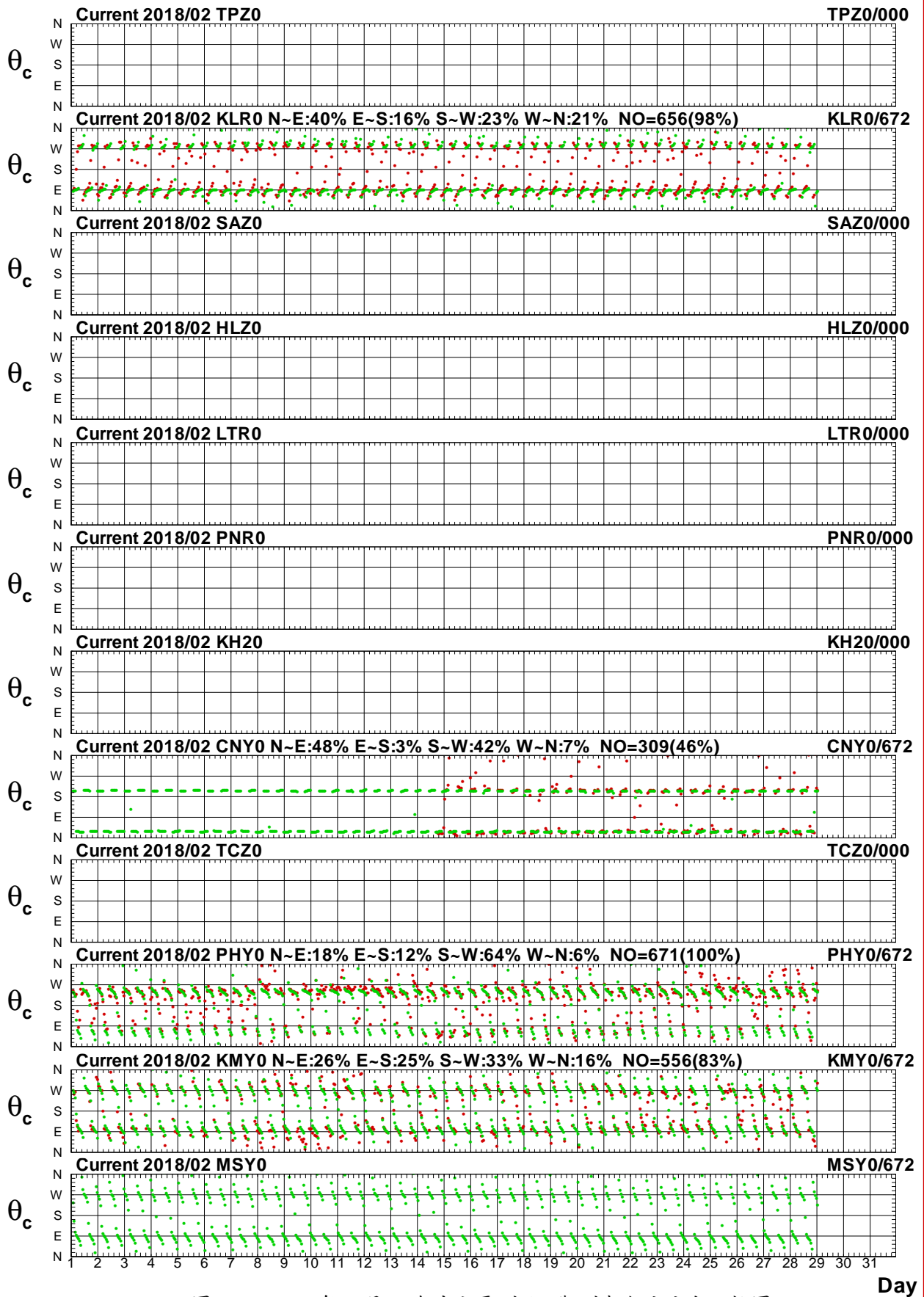


圖9.3b 2018年2月12海域主要測站3觀測與潮流流向比較圖

C182TPZ0.1HD C182TPZ0.1HD C182KLR0.1HD C182KLR0.1HD C182SAZ0.1HD C182SAZ0.1HD
 C182HLZ0.1HD C182HLZ0.1HD C182LTR0.1HD C182LTR0.1HD C182PNR0.1HD C182PNR0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/02

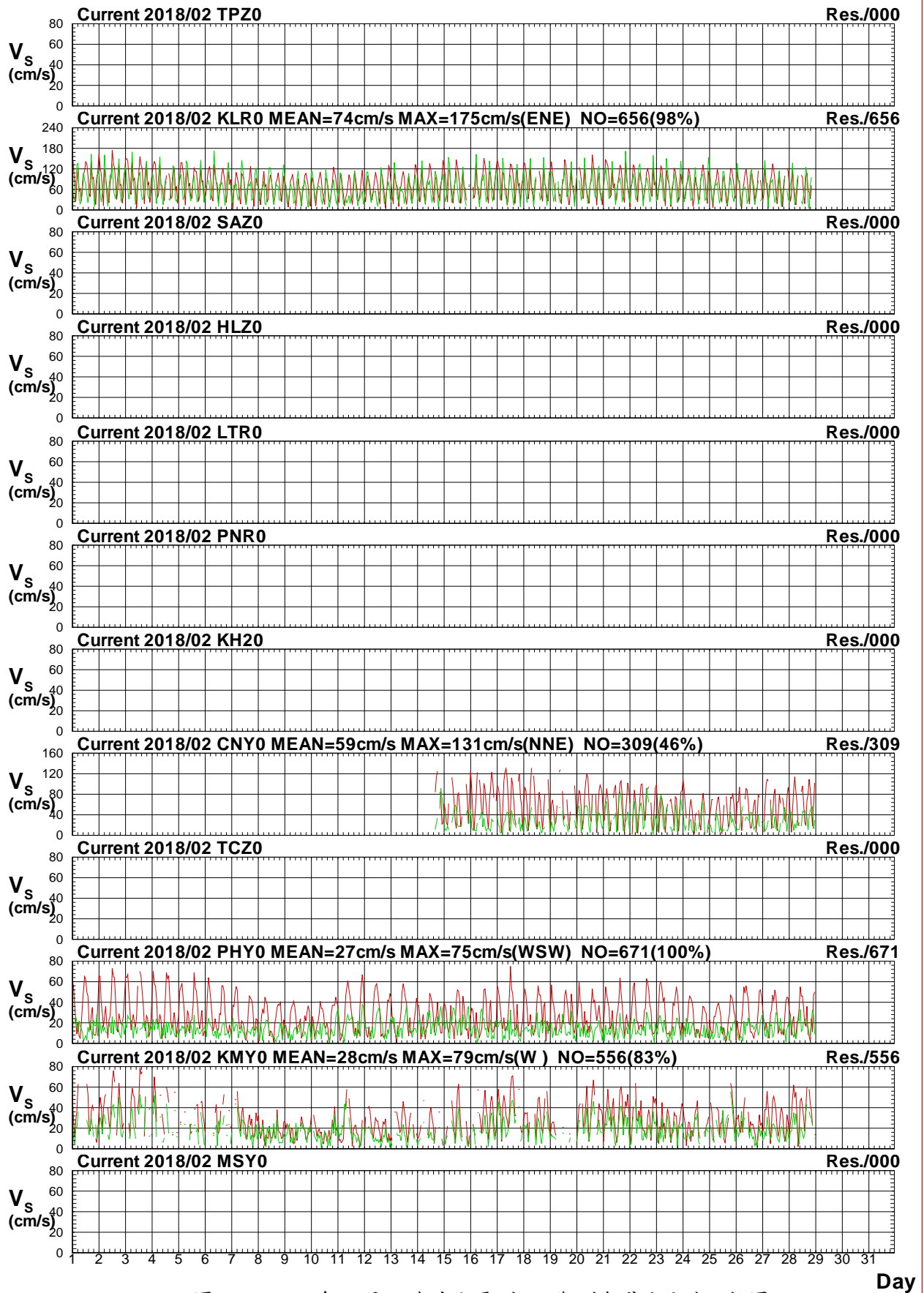


圖9.3c 2018年2月12海域主要測站3觀測與殘流流速比較圖

C182TPZ0.1H0 C182TPZ0.1HR C182KLR0.1H0 C182KLR0.1HR C182SAZ0.1H0 C182SAZ0.1HR
 C182HLZ0.1H0 C182HLZ0.1HR C182LTR0.1H0 C182LTR0.1HR C182PNR0.1H0 C182PNR0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/02

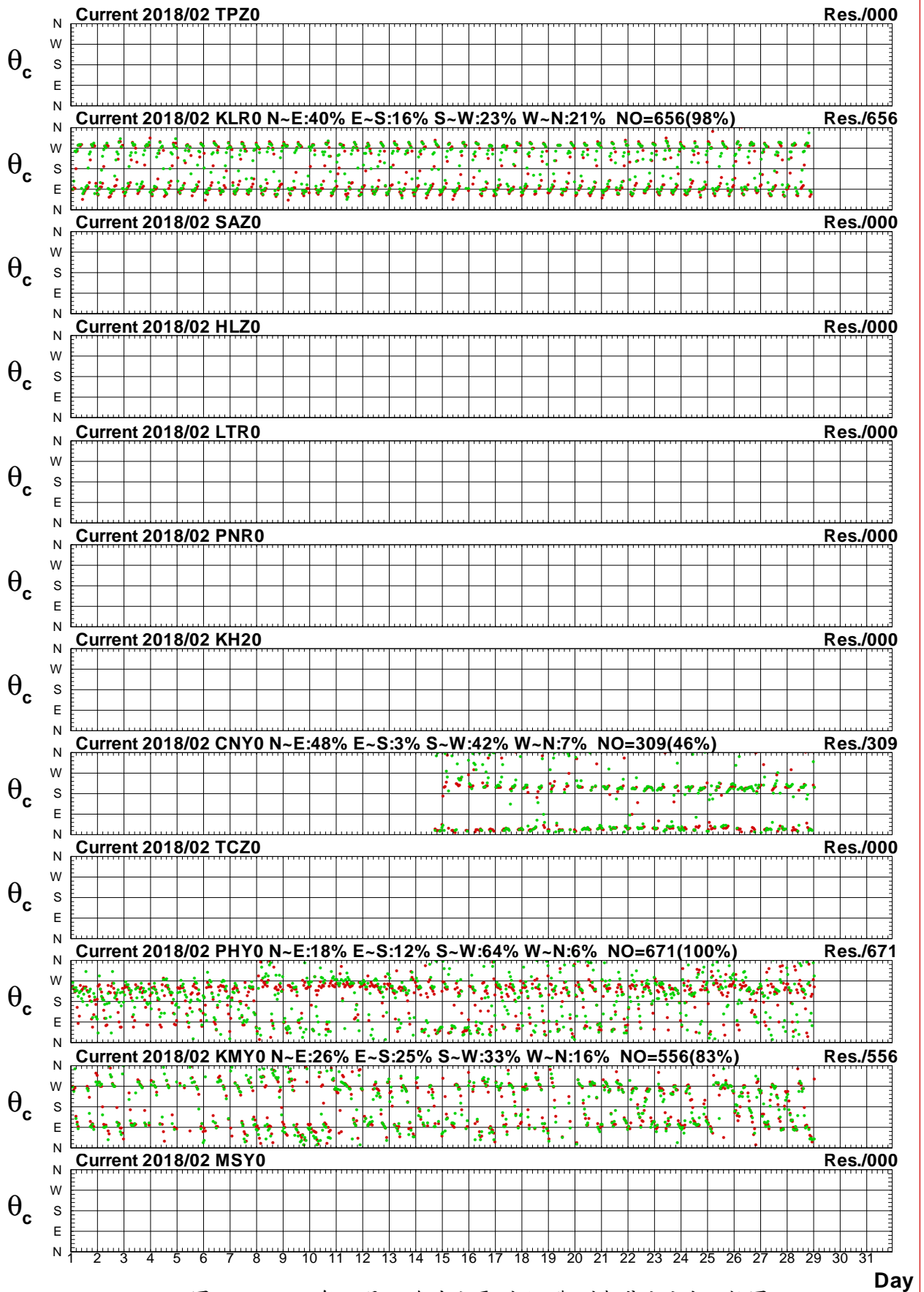


圖9.3d 2018年2月12海域主要測站3觀測與殘流流向比較圖

C182TPZ0.1H0 C182TPZ0.1HR C182KLR0.1H0 C182KLR0.1HR C182SAZ0.1H0 C182SAZ0.1HR
 C182HLZ0.1H0 C182HLZ0.1HR C182LTR0.1H0 C182LTR0.1HR C182PNR0.1H0 C182PNR0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/03

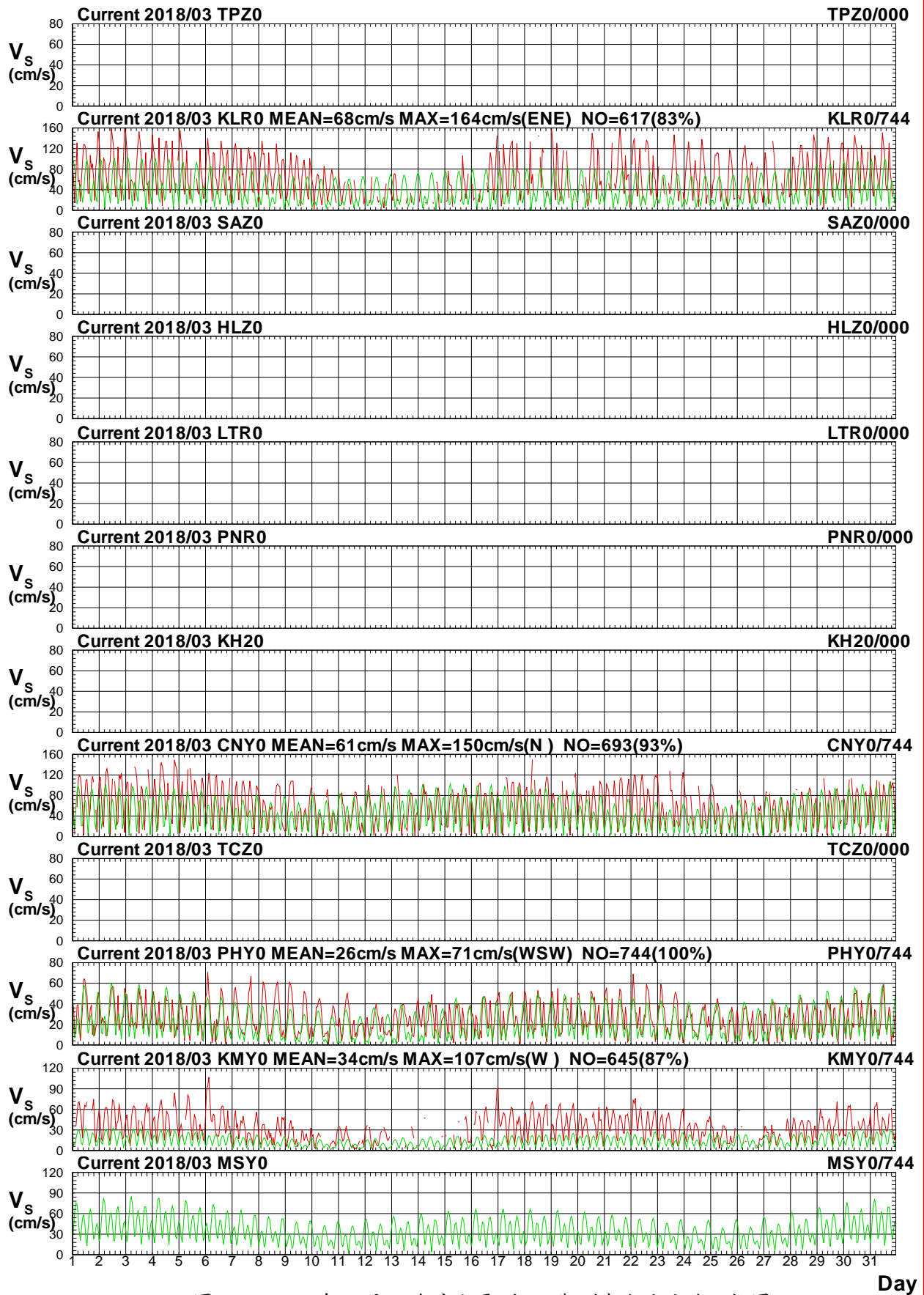


圖9.4a 2018年3月12海域主要測站3觀測與潮流流速比較圖

C183TPZ0.1HD C183TPZ0.1HD C183KLR0.1HD C183KLR0.1HD C183SAZ0.1HD C183SAZ0.1HD
 C183HLZ0.1HD C183HLZ0.1HD C183LTR0.1HD C183LTR0.1HD C183PNR0.1HD C183PNR0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/03

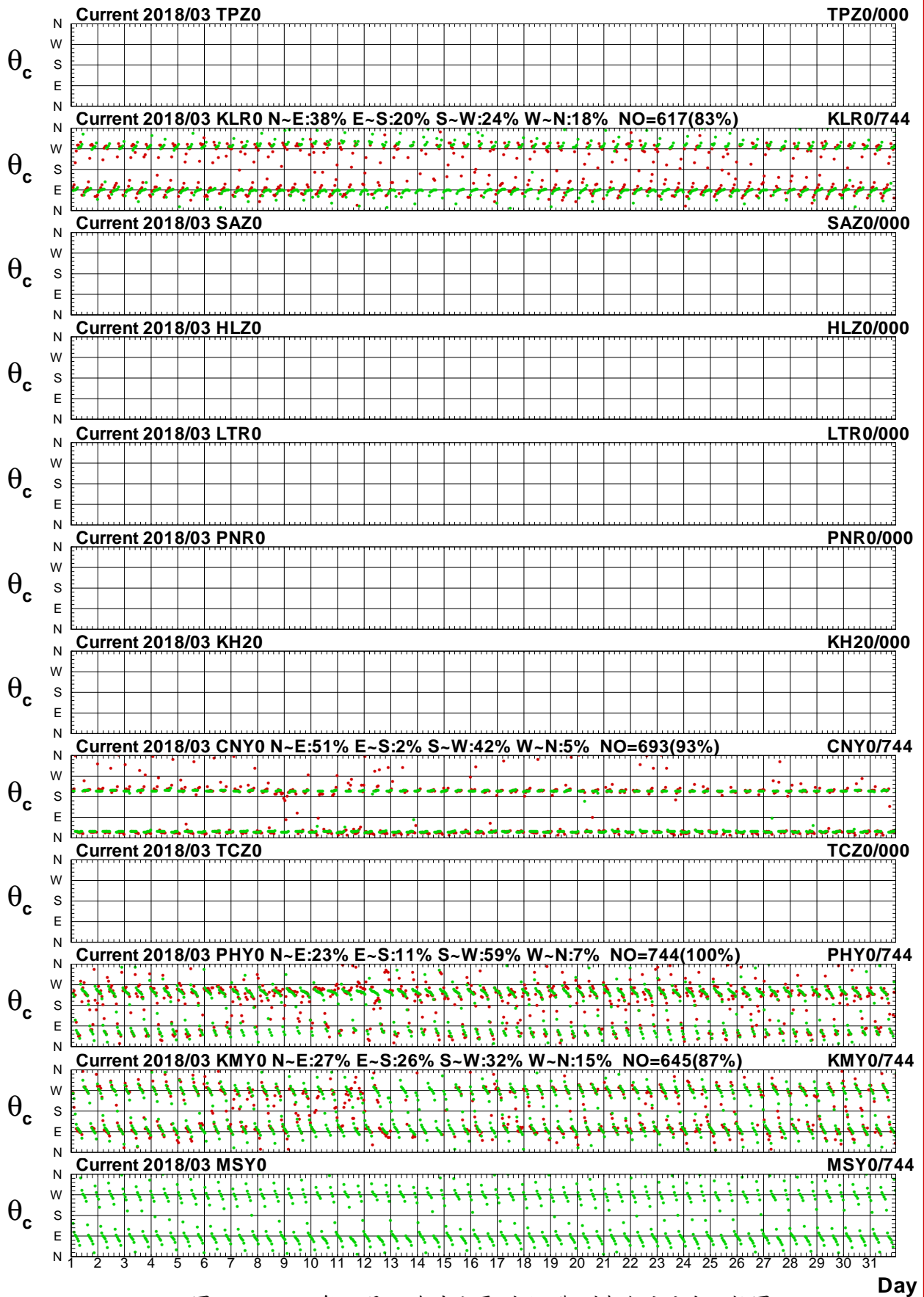


圖9.4b 2018年3月12海域主要測站3觀測與潮流流向比較圖

C183TPZ0.1HD C183TPZ0.1HD C183KLR0.1HD C183KLR0.1HD C183SAZ0.1HD C183SAZ0.1HD
 C183HLZ0.1HD C183HLZ0.1HD C183LTR0.1HD C183LTR0.1HD C183PNR0.1HD C183PNR0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/03

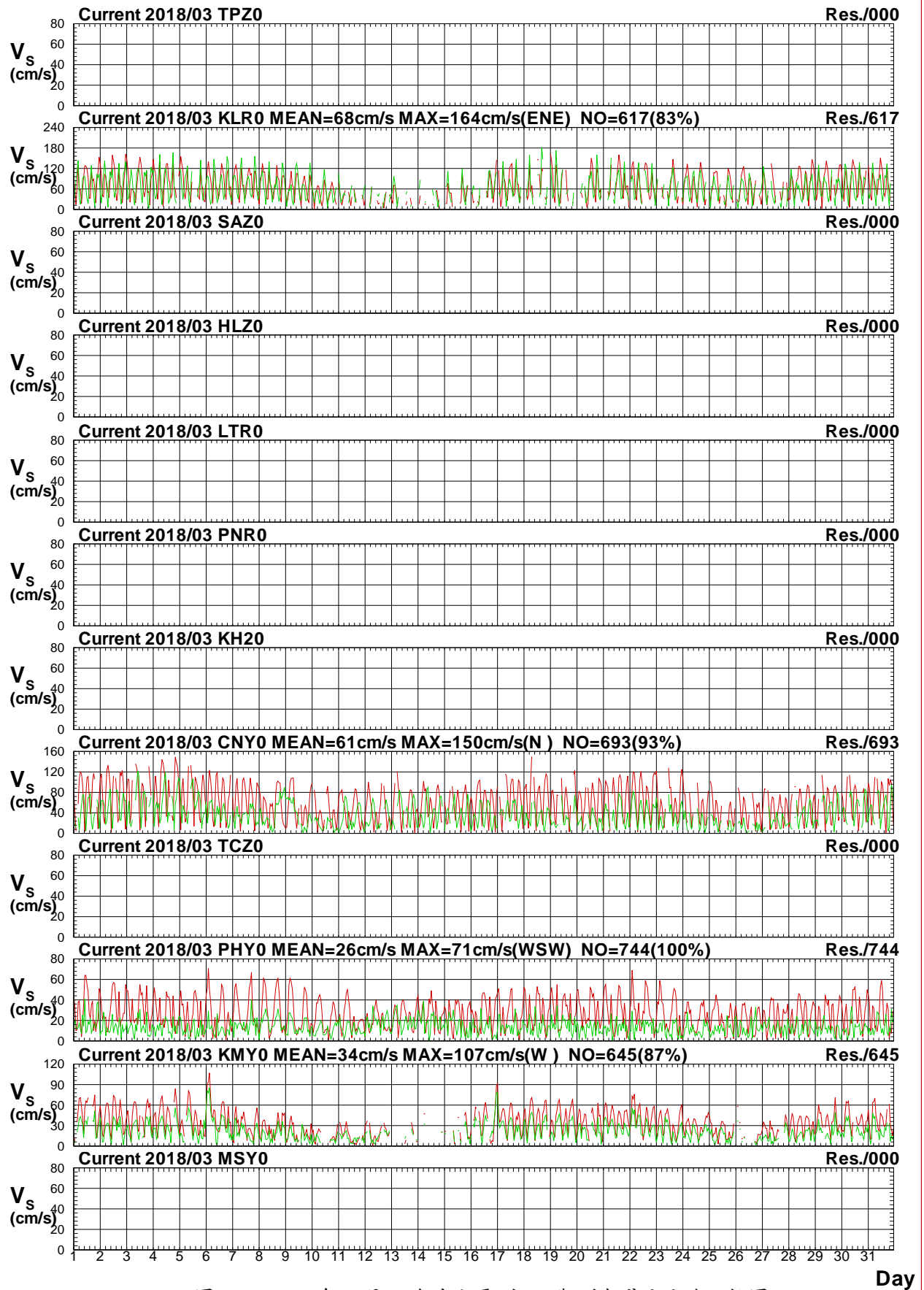


圖9.4c 2018年3月12海域主要測站3觀測與殘流流速比較圖

C183TPZ0.1H0 C183TPZ0.1HR C183KLR0.1H0 C183KLR0.1HR C183SAZ0.1H0 C183SAZ0.1HR
 C183HLZ0.1H0 C183HLZ0.1HR C183LTR0.1H0 C183LTR0.1HR C183PNR0.1H0 C183PNR0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/03

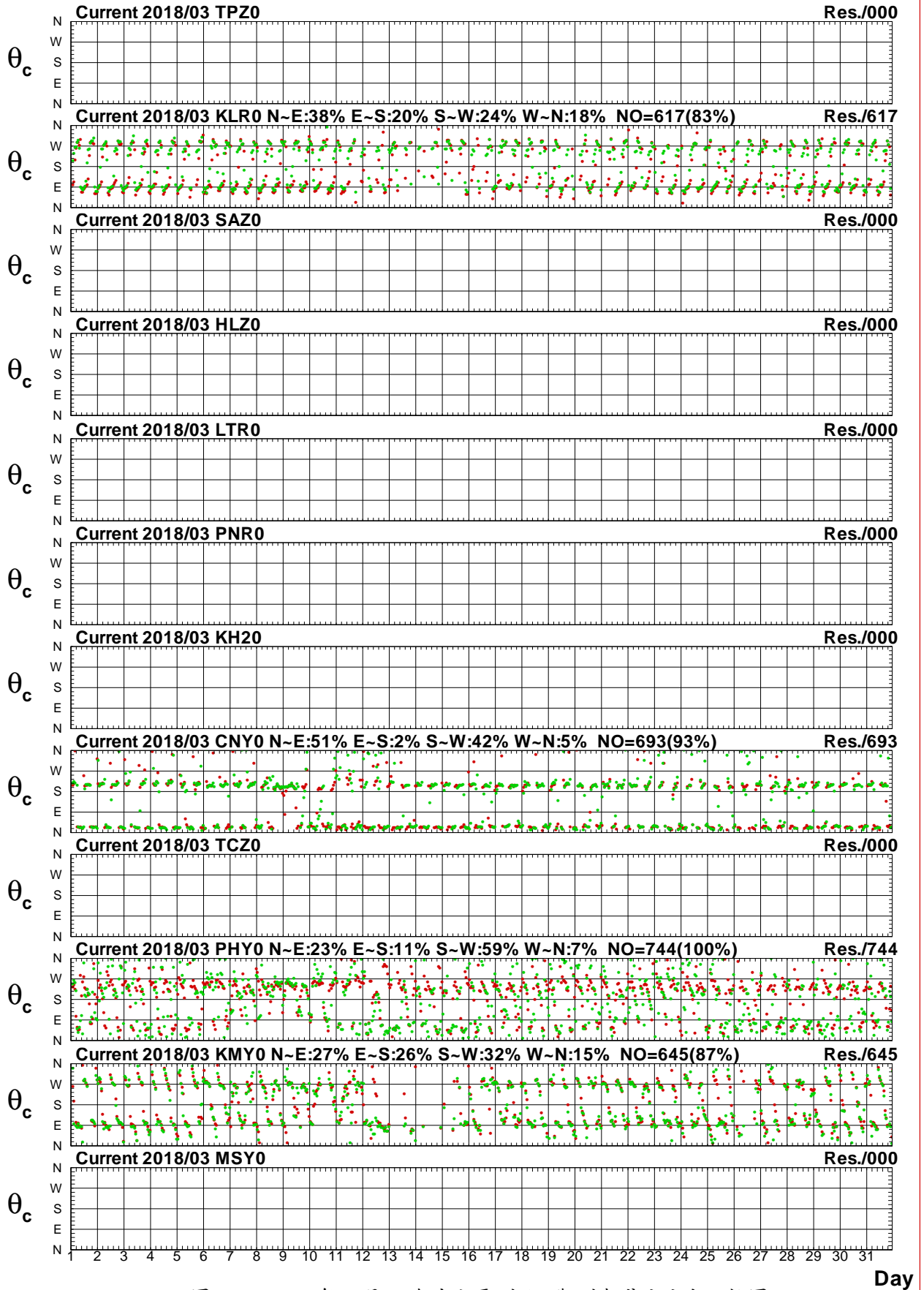


圖9.4d 2018年3月12海域主要測站3觀測與殘流流向比較圖

C183TPZ0.1H0 C183TPZ0.1HR C183KLR0.1H0 C183KLR0.1HR C183SAZ0.1H0 C183SAZ0.1HR
 C183HLZ0.1H0 C183HLZ0.1HR C183LTR0.1H0 C183LTR0.1HR C183PNR0.1H0 C183PNR0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/04

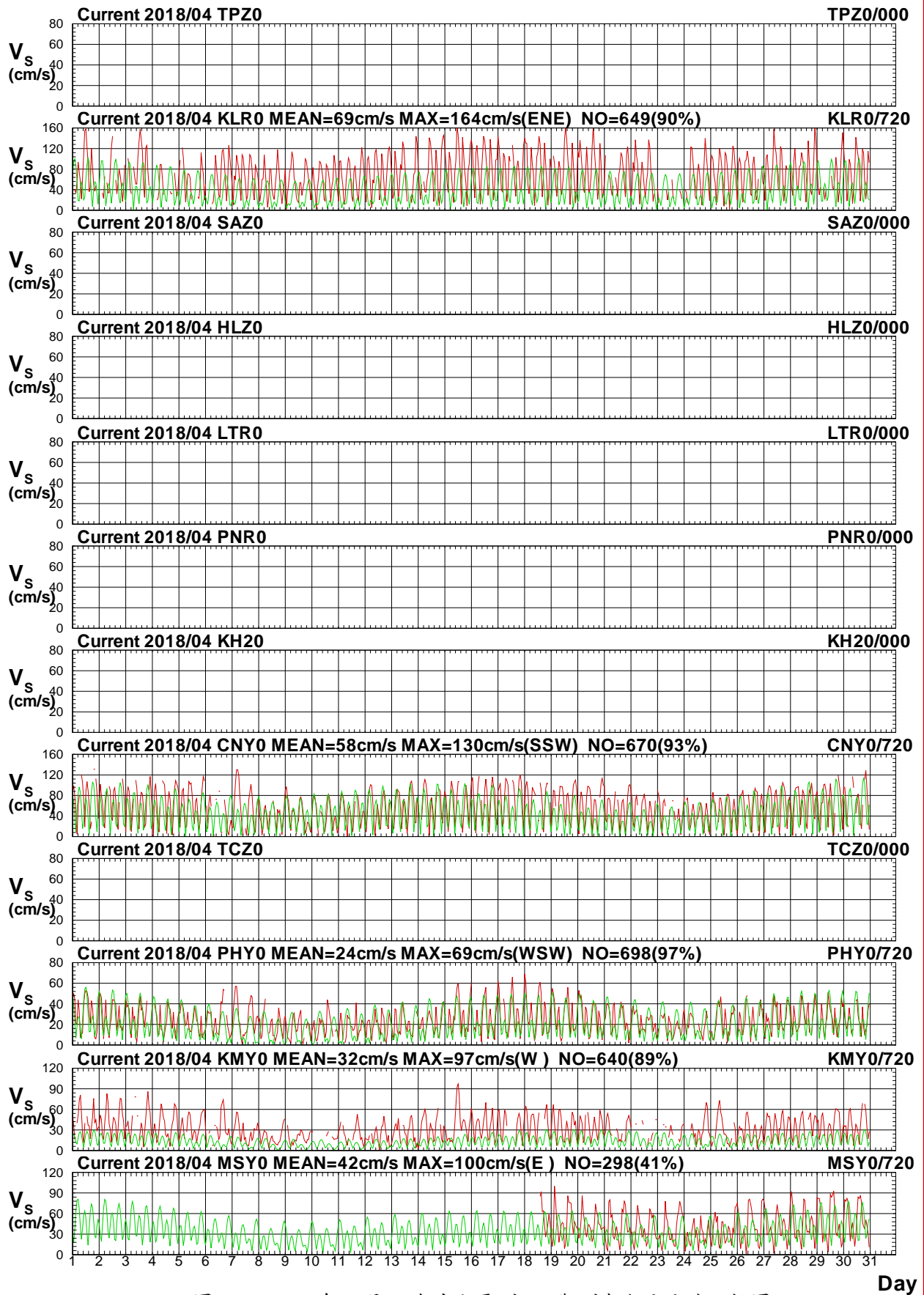


圖9.5a 2018年4月12海域主要測站3觀測與潮流流速比較圖

C184TPZ0.1HD C184TPZ0.1HD C184KLR0.1HD C184KLR0.1HD C184SAZ0.1HD C184SAZ0.1HD
 C184HLZ0.1HD C184HLZ0.1HD C184LTR0.1HD C184LTR0.1HD C184PNR0.1HD C184PNR0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/04

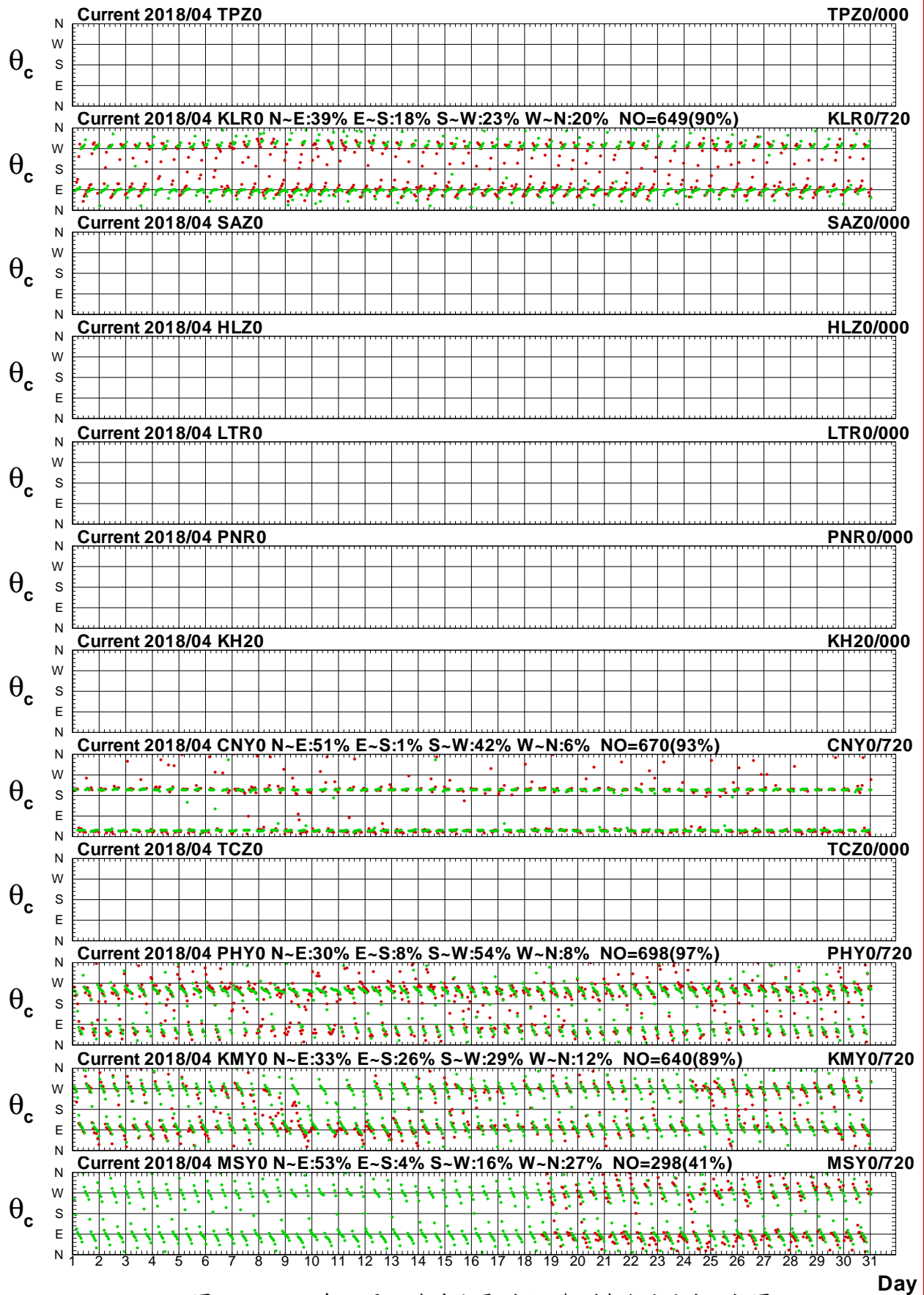


圖9.5b 2018年4月12海域主要測站3觀測與潮流流向比較圖

C184TPZ0.1HD C184TPZ0.1HD C184KLR0.1HD C184KLR0.1HD C184SAZ0.1HD C184SAZ0.1HD
 C184HLZ0.1HD C184HLZ0.1HD C184LTR0.1HD C184LTR0.1HD C184PNR0.1HD C184PNR0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/04

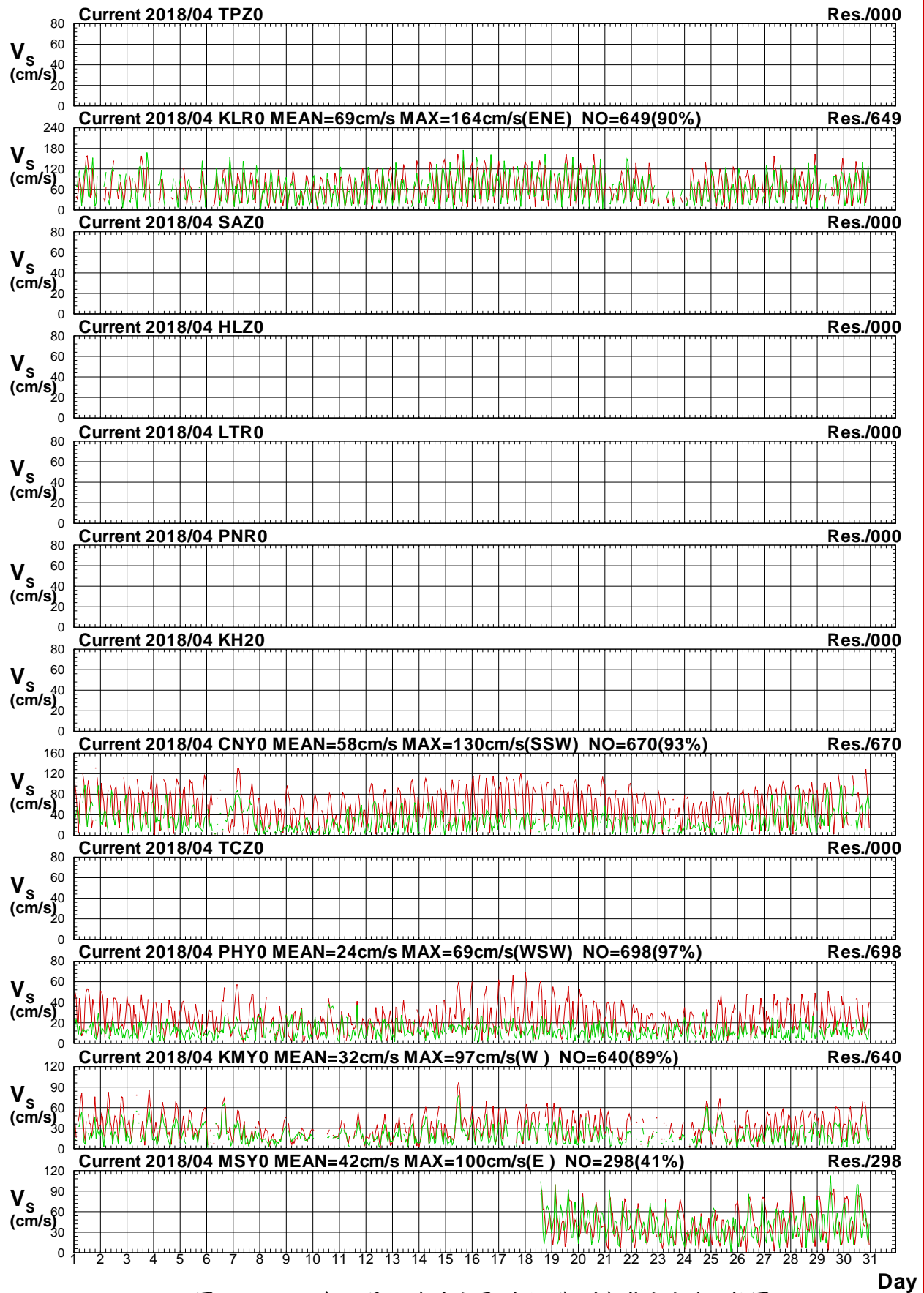


圖9.5c 2018年4月12海域主要測站3觀測與殘流流速比較圖

C184TPZ0.1H0 C184TPZ0.1HR C184KLR0.1H0 C184KLR0.1HR C184SAZ0.1H0 C184SAZ0.1HR
 C184HLZ0.1H0 C184HLZ0.1HR C184LTR0.1H0 C184LTR0.1HR C184PNR0.1H0 C184PNR0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/04

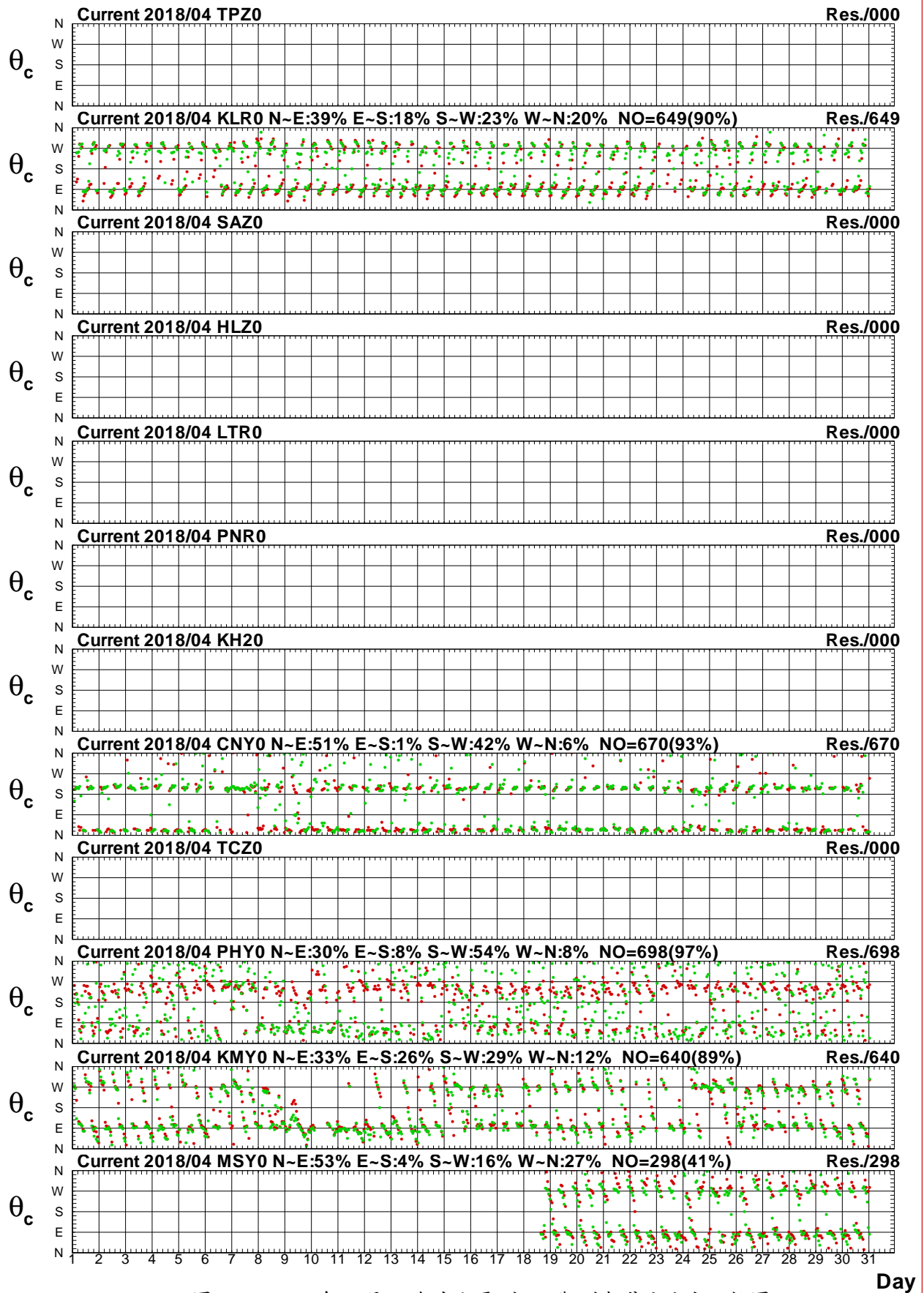


圖9.5d 2018年4月12海域主要測站3觀測與殘流流向比較圖

C184TPZ0.1H0 C184TPZ0.1HR C184KLR0.1H0 C184KLR0.1HR C184SAZ0.1H0 C184SAZ0.1HR
 C184HLZ0.1H0 C184HLZ0.1HR C184LTR0.1H0 C184LTR0.1HR C184PNR0.1H0 C184PNR0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/05

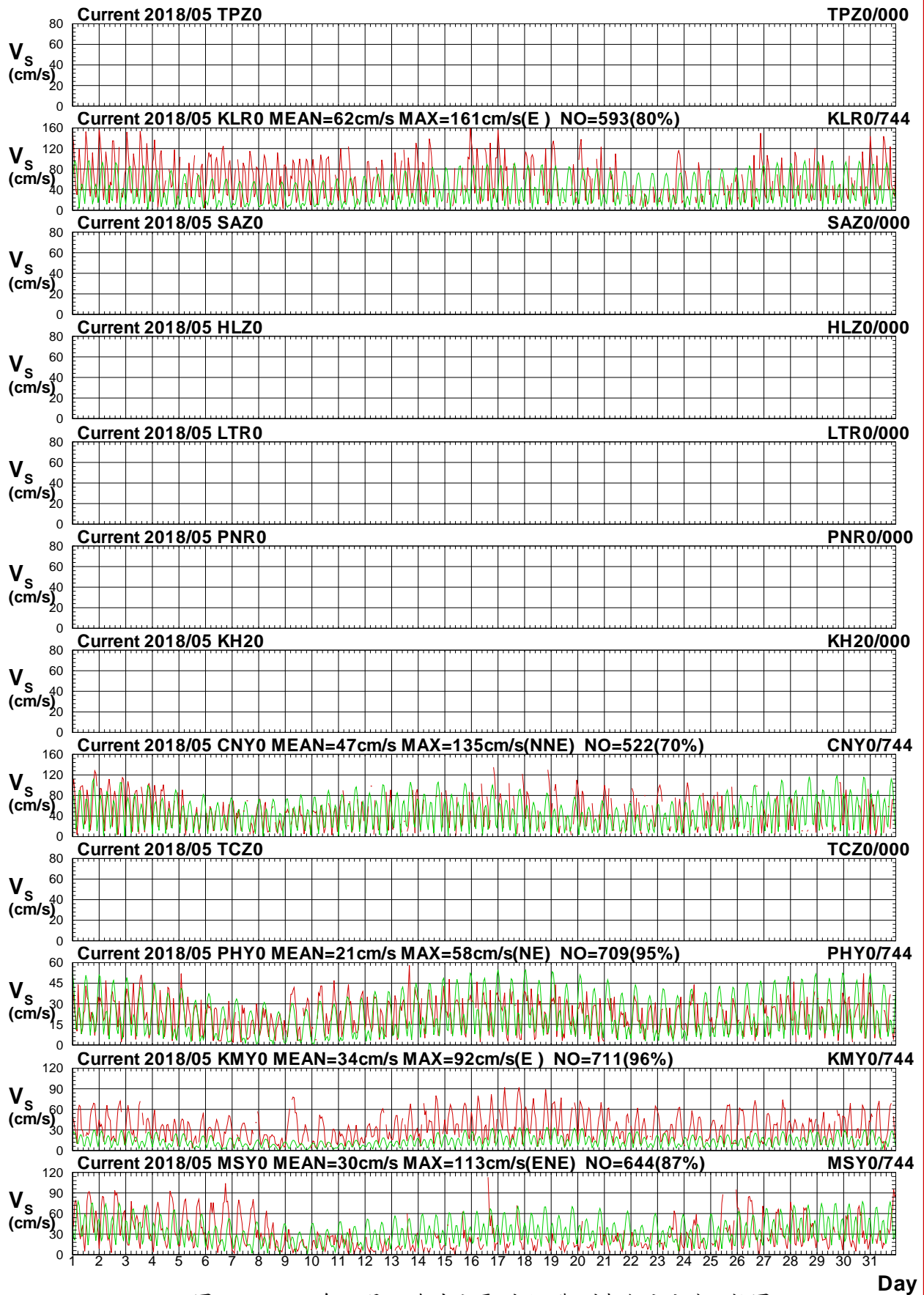


圖9.6a 2018年5月12海域主要測站3觀測與潮流流速比較圖

C185TPZ0.1HO C185TPZ0.1HD C185KLR0.1HO C185KLR0.1HD C185SAZ0.1HO C185SAZ0.1HD
C185HLZ0.1HO C185HLZ0.1HD C185LTR0.1HO C185LTR0.1HD C185PNR0.1HO C185PNR0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/05

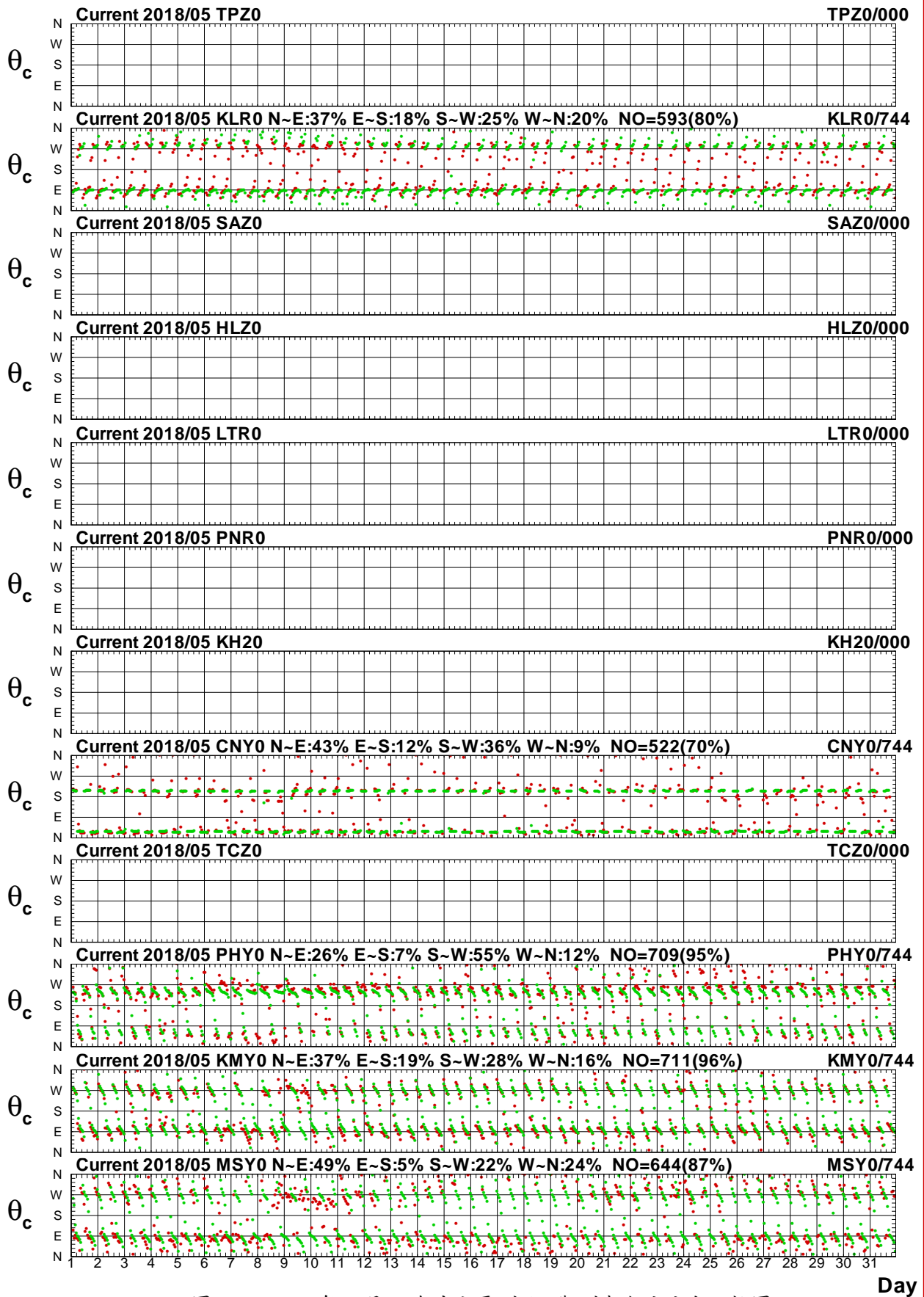


圖9.6b 2018年5月12海域主要測站3觀測與潮流流向比較圖

C185TPZ0.1HD C185TPZ0.1HD C185KLR0.1HD C185KLR0.1HD C185SAZ0.1HD C185SAZ0.1HD
 C185HLZ0.1HD C185HLZ0.1HD C185LTR0.1HD C185LTR0.1HD C185PNR0.1HD C185PNR0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/05

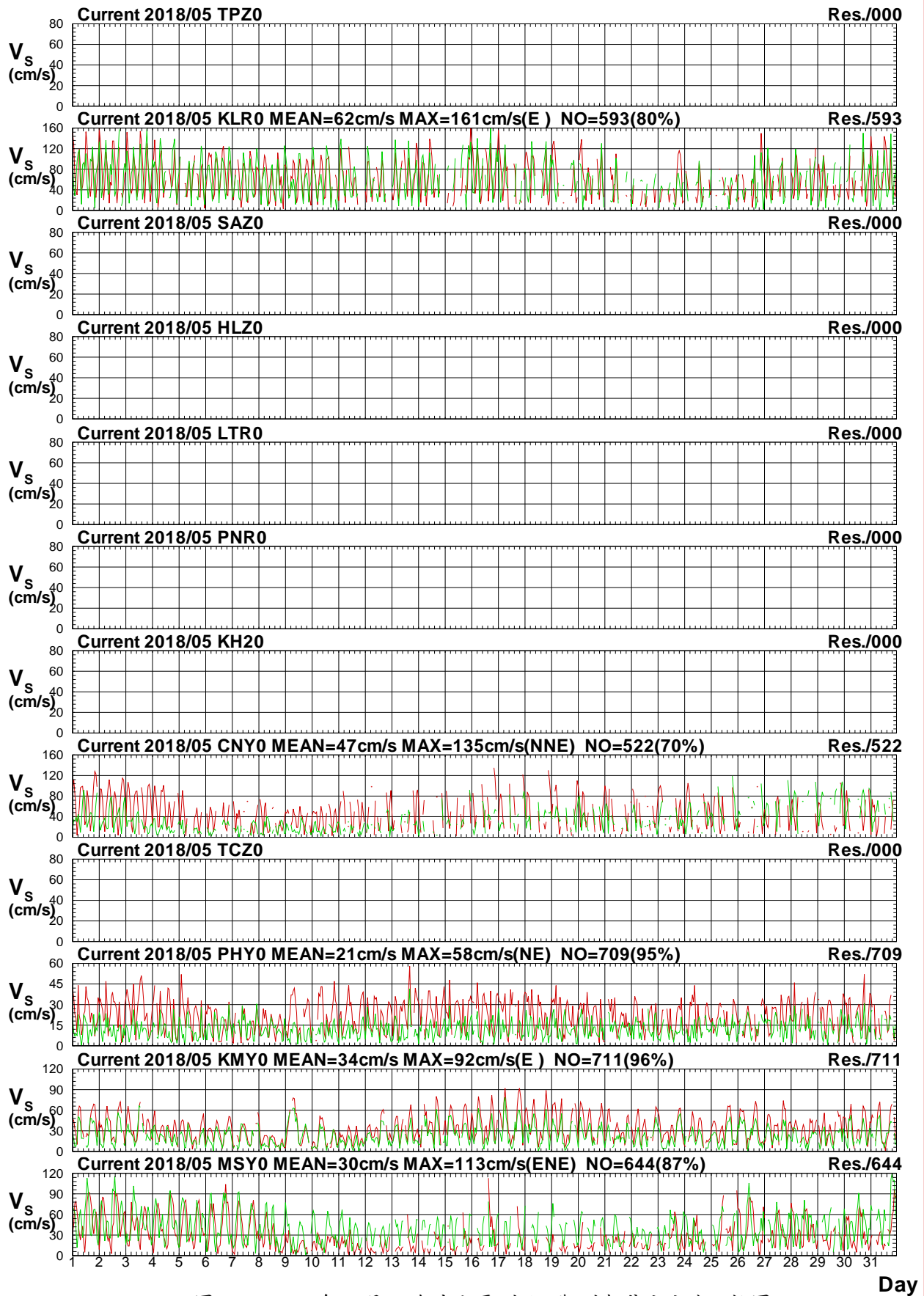


圖9.6c 2018年5月12海域主要測站3觀測與殘流流速比較圖

C185TPZ0.1H0 C185TPZ0.1HR C185KLR0.1H0 C185KLR0.1HR C185SAZ0.1H0 C185SAZ0.1HR
 C185HLZ0.1H0 C185HLZ0.1HR C185LTR0.1H0 C185LTR0.1HR C185PNR0.1H0 C185PNR0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/05

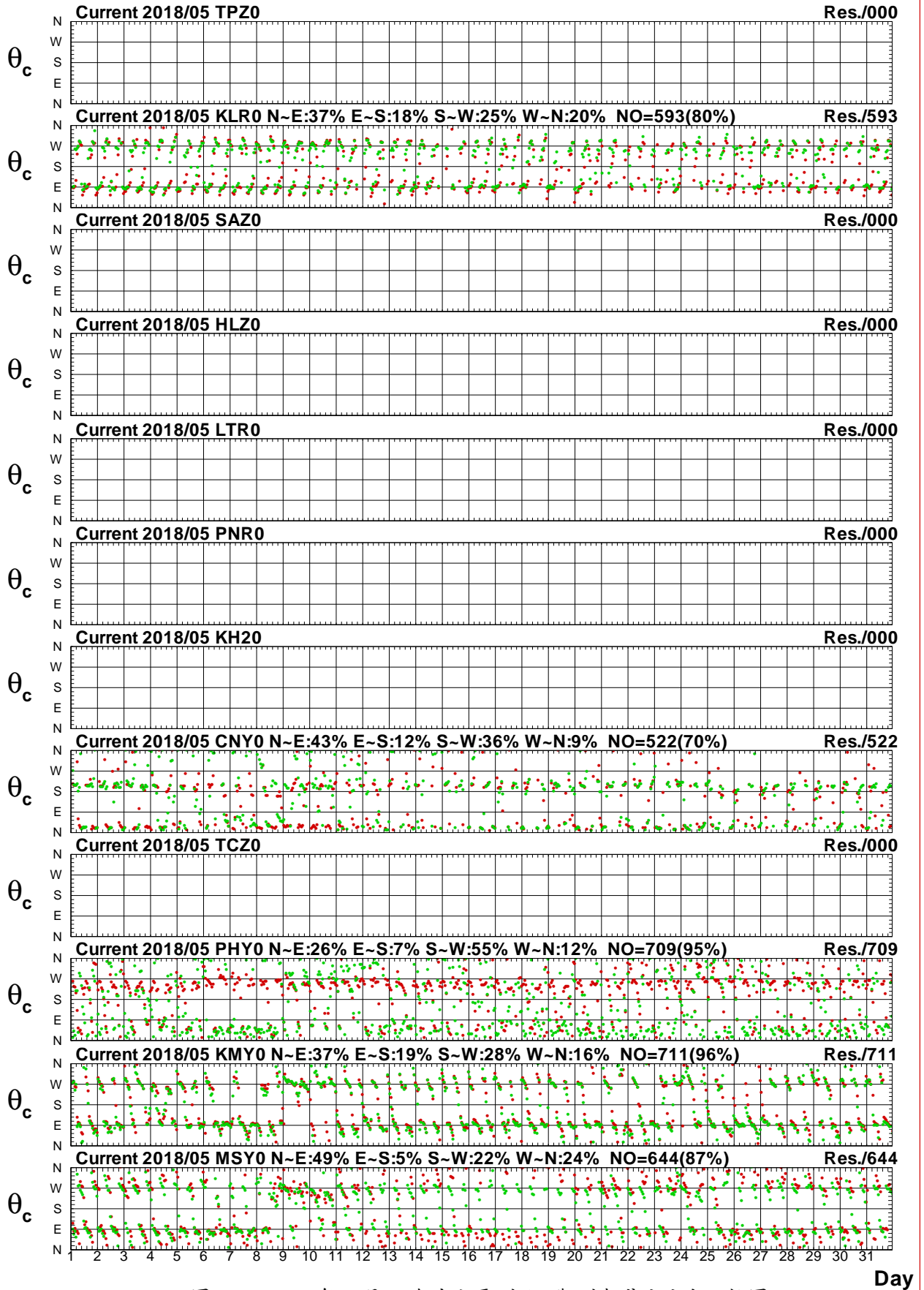


圖9.6d 2018年5月12海域主要測站3觀測與殘流流向比較圖

C185TPZ0.1H0 C185TPZ0.1HR C185KLR0.1H0 C185KLR0.1HR C185SAZ0.1H0 C185SAZ0.1HR
 C185HLZ0.1H0 C185HLZ0.1HR C185LTR0.1H0 C185LTR0.1HR C185PNR0.1H0 C185PNR0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/06

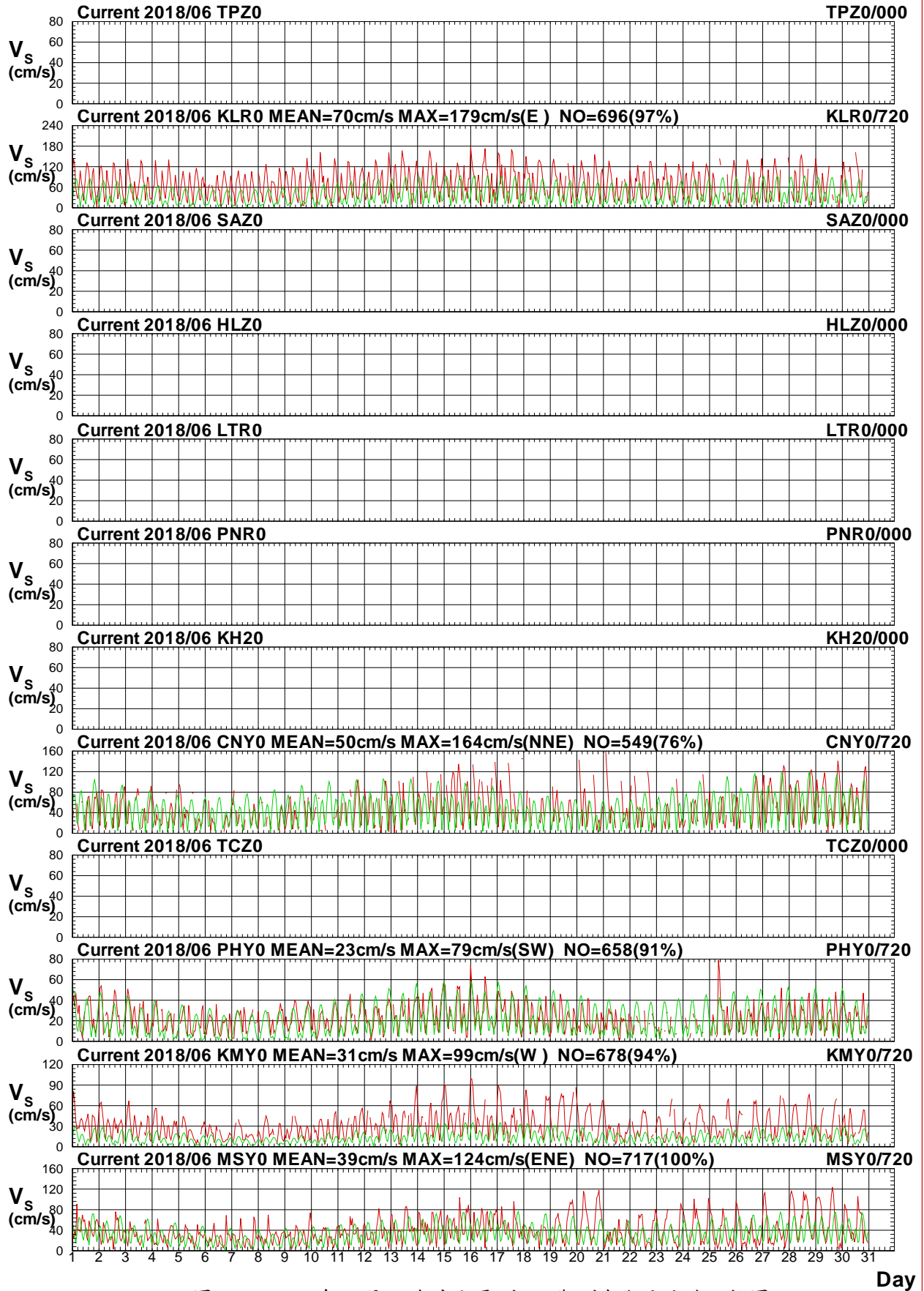


圖9.7a 2018年6月12海域主要測站3觀測與潮流流速比較圖

C186TPZO.1HD C186TPZO.1HD C186KLR0.1HD C186KLR0.1HD C186SAZO.1HD C186SAZO.1HD
 C186HLZO.1HD C186HLZO.1HD C186LTR0.1HD C186LTR0.1HD C186PNR0.1HD C186PNR0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/06

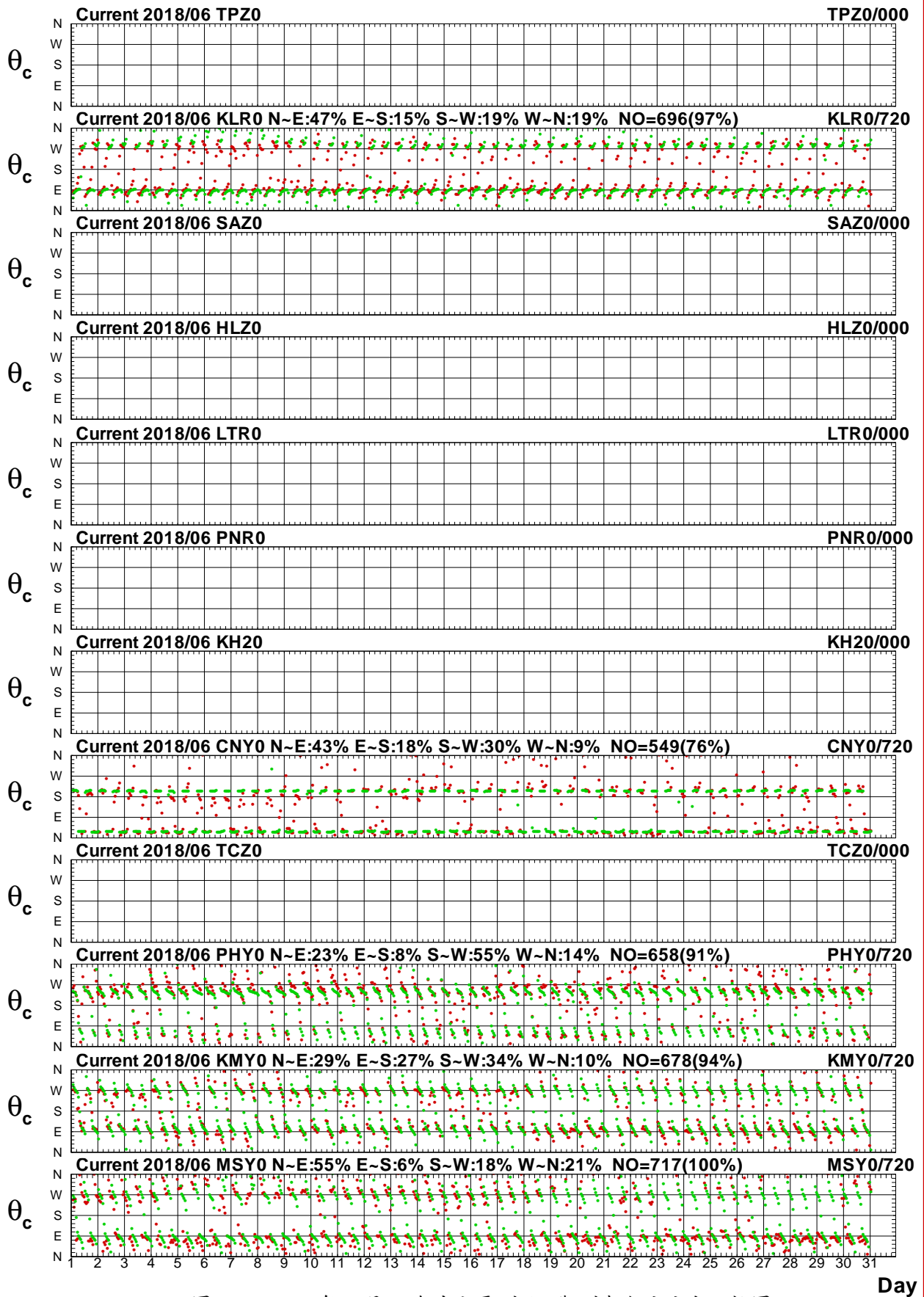


圖9.7b 2018年6月12海域主要測站3觀測與潮流流向比較圖

C186TPZ0.1HD C186TPZ0.1HD C186KLR0.1HD C186KLR0.1HD C186SAZ0.1HD C186SAZ0.1HD
 C186HLZ0.1HD C186HLZ0.1HD C186LTR0.1HD C186LTR0.1HD C186PNR0.1HD C186PNR0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/06

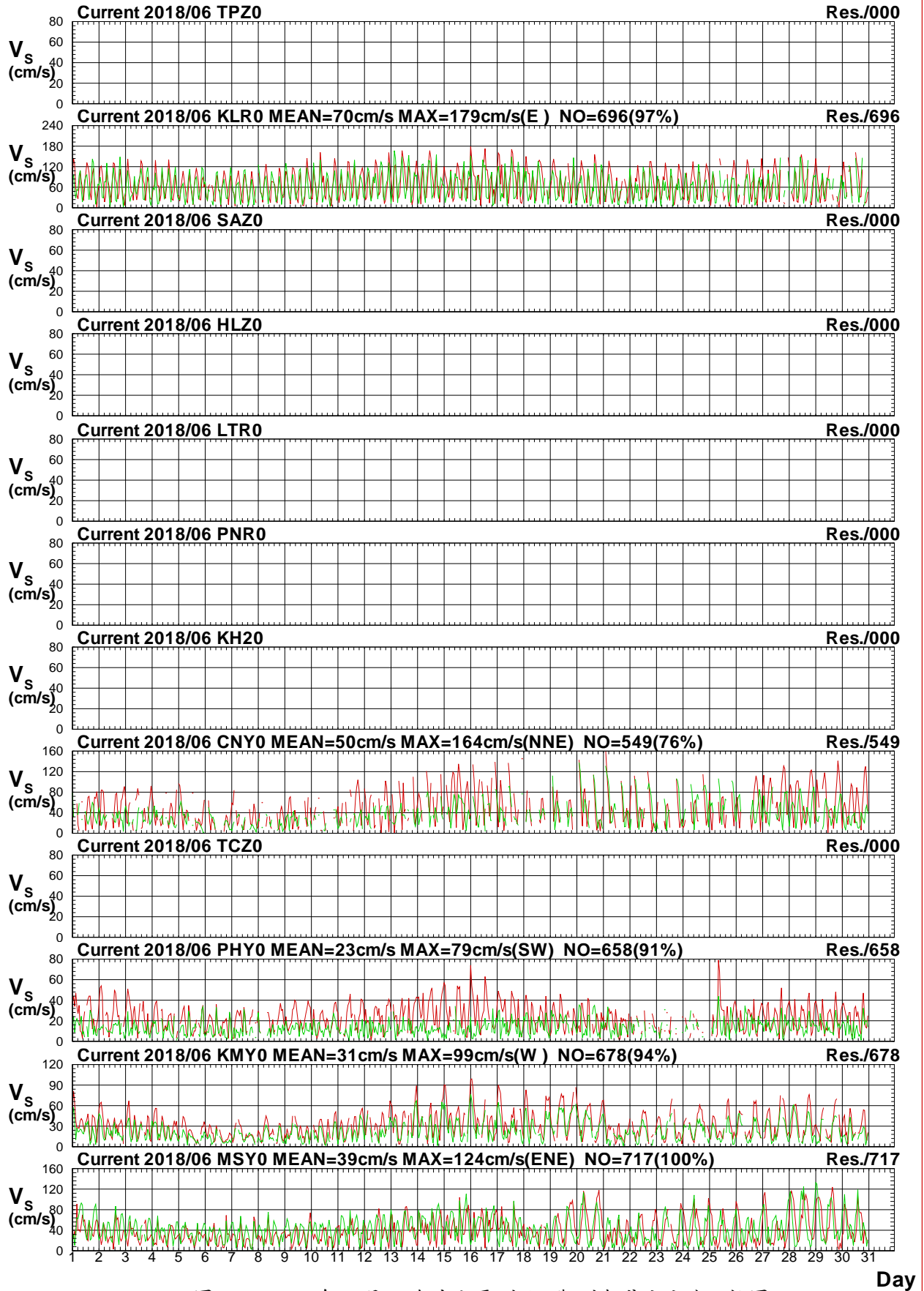


圖9.7c 2018年6月12海域主要測站3觀測與殘流流速比較圖

C186TPZ0.1H0 C186TPZ0.1HR C186KLR0.1H0 C186KLR0.1HR C186SAZ0.1H0 C186SAZ0.1HR	Institute of Harbor & Marine Technology
C186HLZ0.1H0 C186HLZ0.1HR C186LTR0.1H0 C186LTR0.1HR C186PNR0.1H0 C186PNR0.1HR	

Twelve Harbors Current Direction at 2018/06

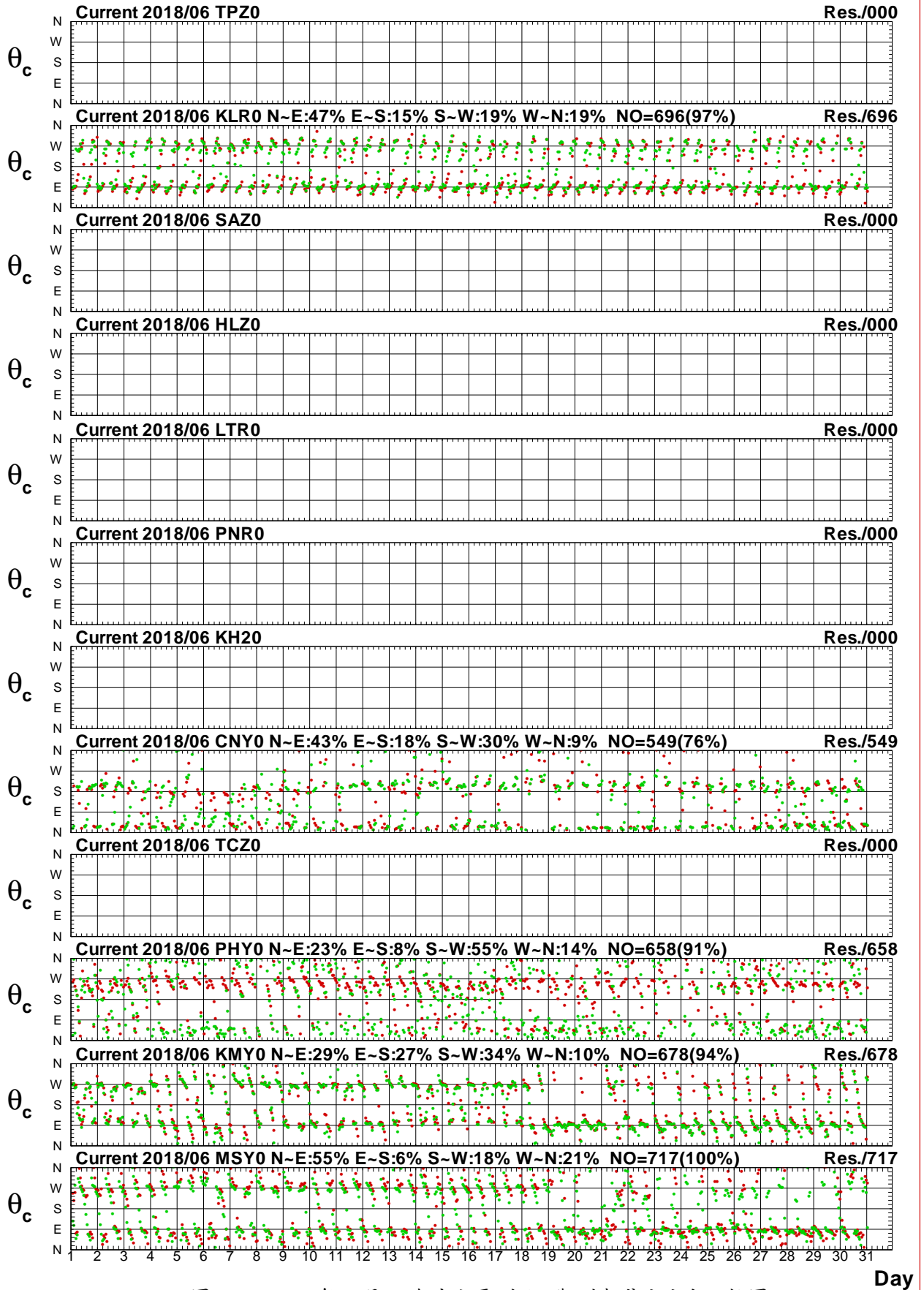


圖9.7d 2018年6月12海域主要測站3觀測與殘流流向比較圖

C186TPZ0.1H0 C186TPZ0.1HR C186KLR0.1H0 C186KLR0.1HR C186SAZ0.1H0 C186SAZ0.1HR
 C186HLZ0.1H0 C186HLZ0.1HR C186LTR0.1H0 C186LTR0.1HR C186PNR0.1H0 C186PNR0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/07

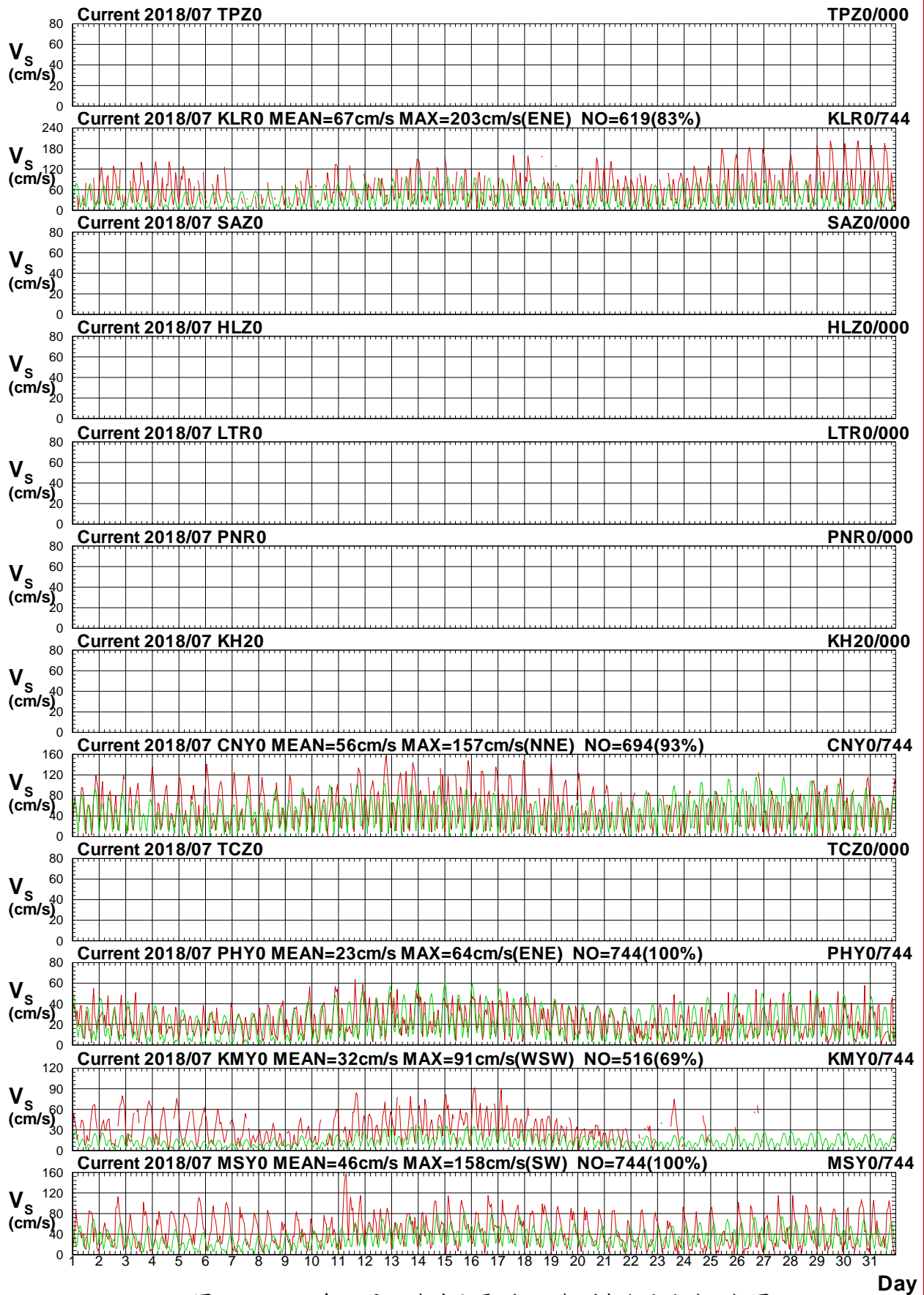


圖9.8a 2018年7月12海域主要測站3觀測與潮流流速比較圖

C187TPZO.1HO C187TPZO.1HD C187KLR0.1HO C187KLR0.1HD C187SAZO.1HO C187SAZO.1HD
C187HLZO.1HO C187HLZO.1HD C187LTR0.1HO C187LTR0.1HD C187PNR0.1HO C187PNR0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/07

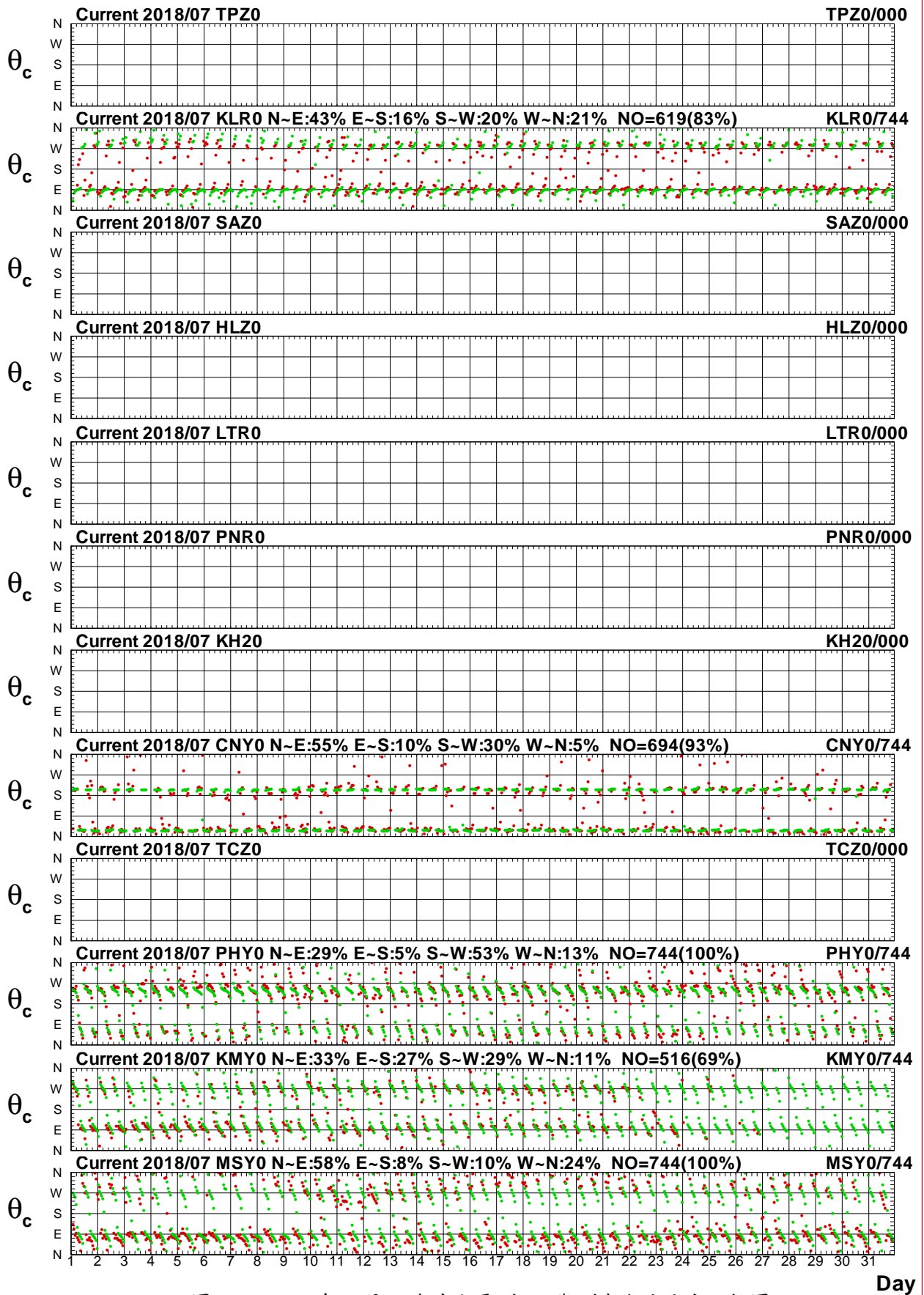


圖9.8b 2018年7月12海域主要測站3觀測與潮流流向比較圖

C187TPZ0.1H0 C187TPZ0.1HD C187KLR0.1H0 C187KLR0.1HD C187SAZ0.1H0 C187SAZ0.1HD
 C187HLZ0.1H0 C187HLZ0.1HD C187LTR0.1H0 C187LTR0.1HD C187PNR0.1H0 C187PNR0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/07

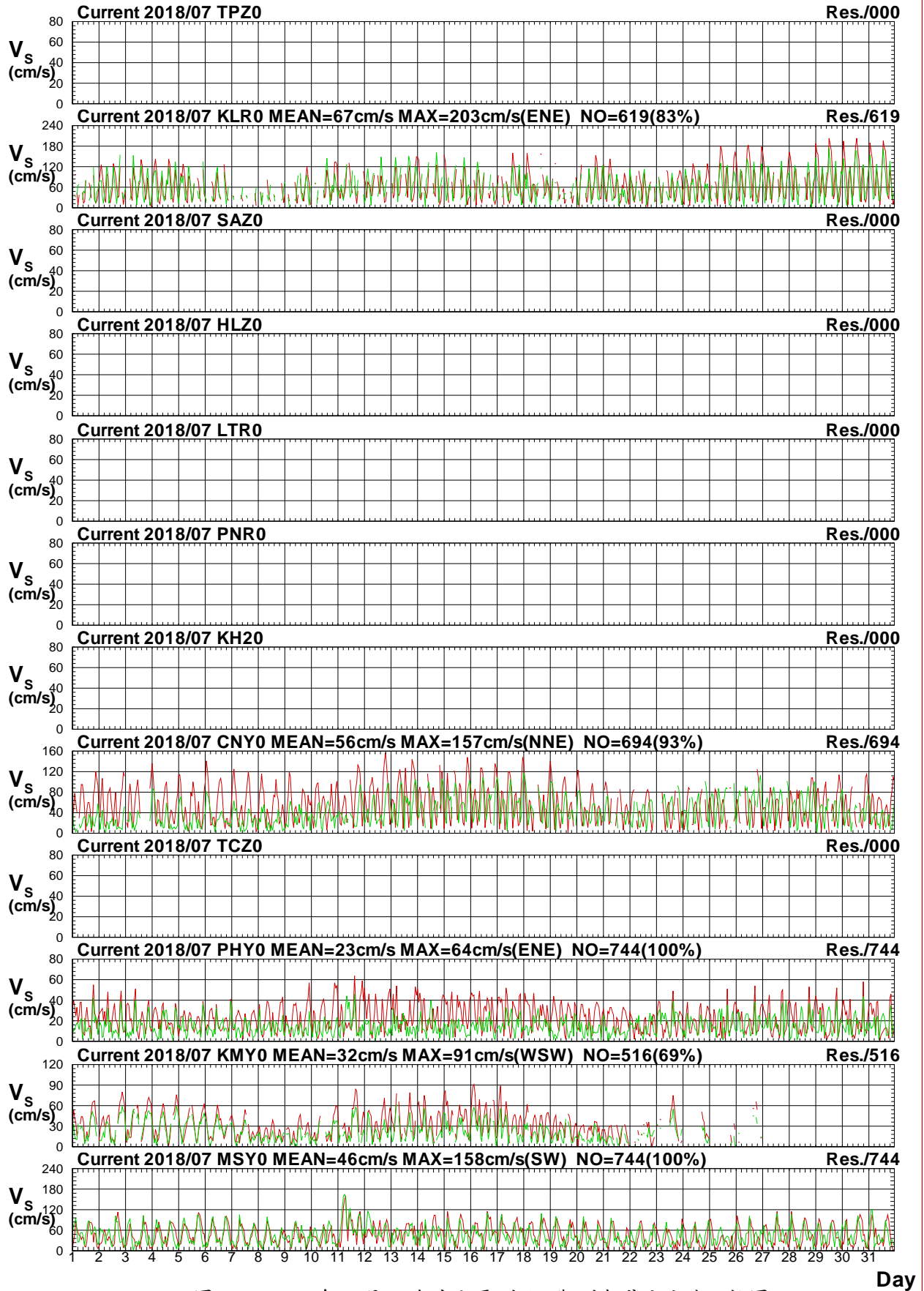


圖9.8c 2018年7月12海域主要測站3觀測與殘流流速比較圖

Twelve Harbors Current Direction at 2018/07

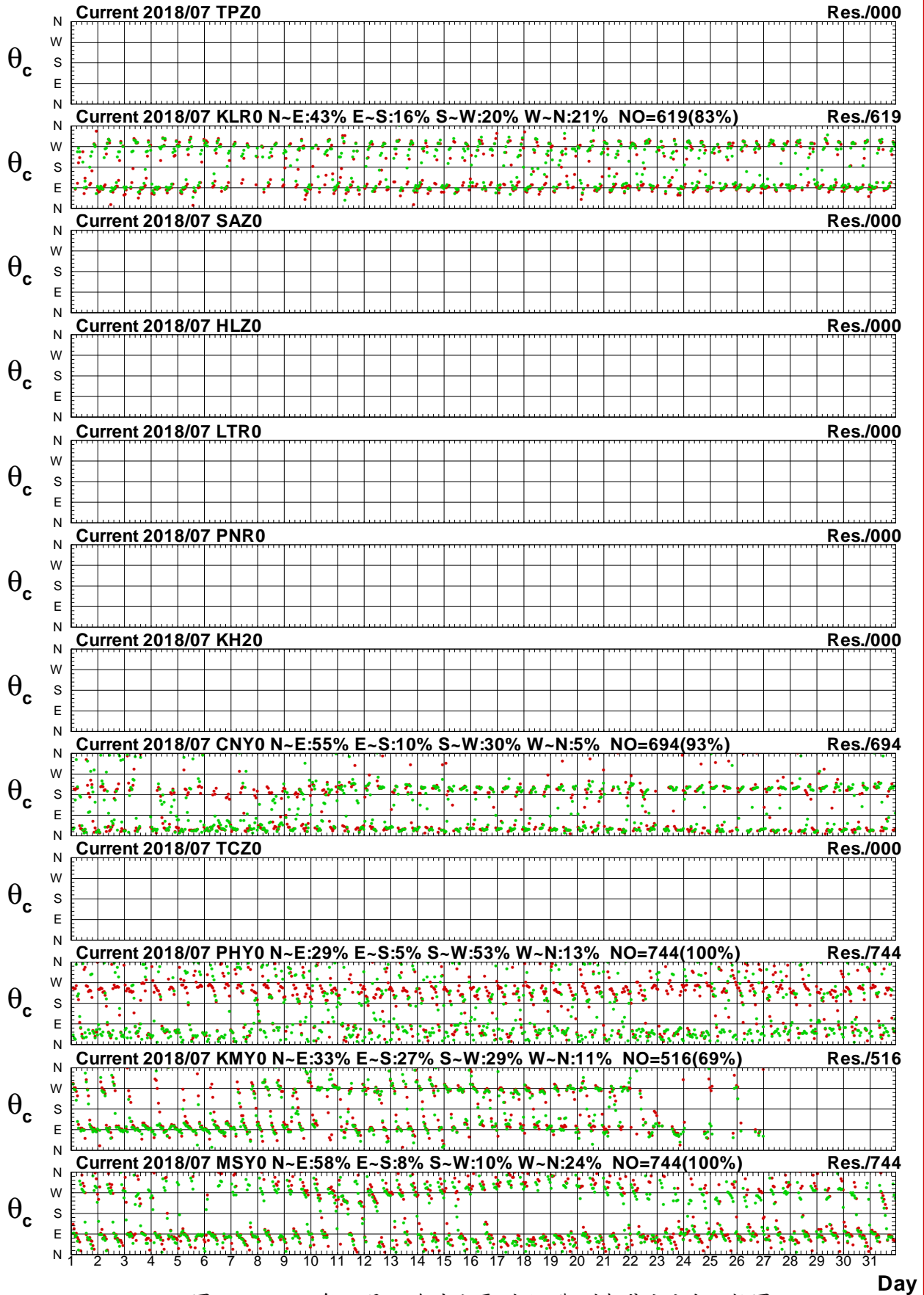


圖9.8d 2018年7月12海域主要測站3觀測與殘流流向比較圖

C187TPZ0.1H0 C187TPZ0.1HR C187KLR0.1H0 C187KLR0.1HR C187SAZ0.1H0 C187SAZ0.1HR
 C187HLZ0.1H0 C187HLZ0.1HR C187LTR0.1H0 C187LTR0.1HR C187PNR0.1H0 C187PNR0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/08

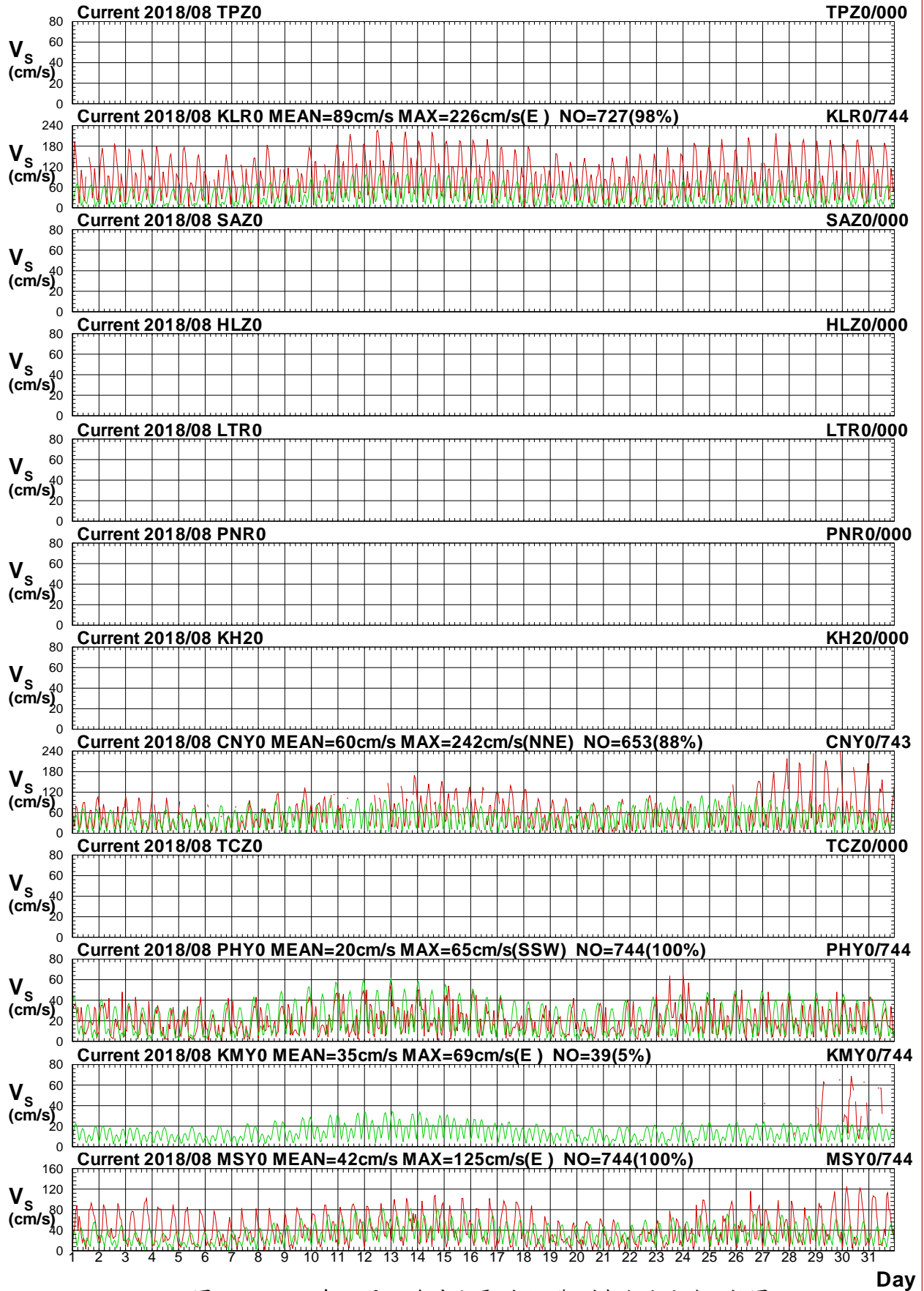


圖9.9a 2018年8月12海域主要測站3觀測與潮流流速比較圖

Twelve Harbors Current Direction at 2018/08

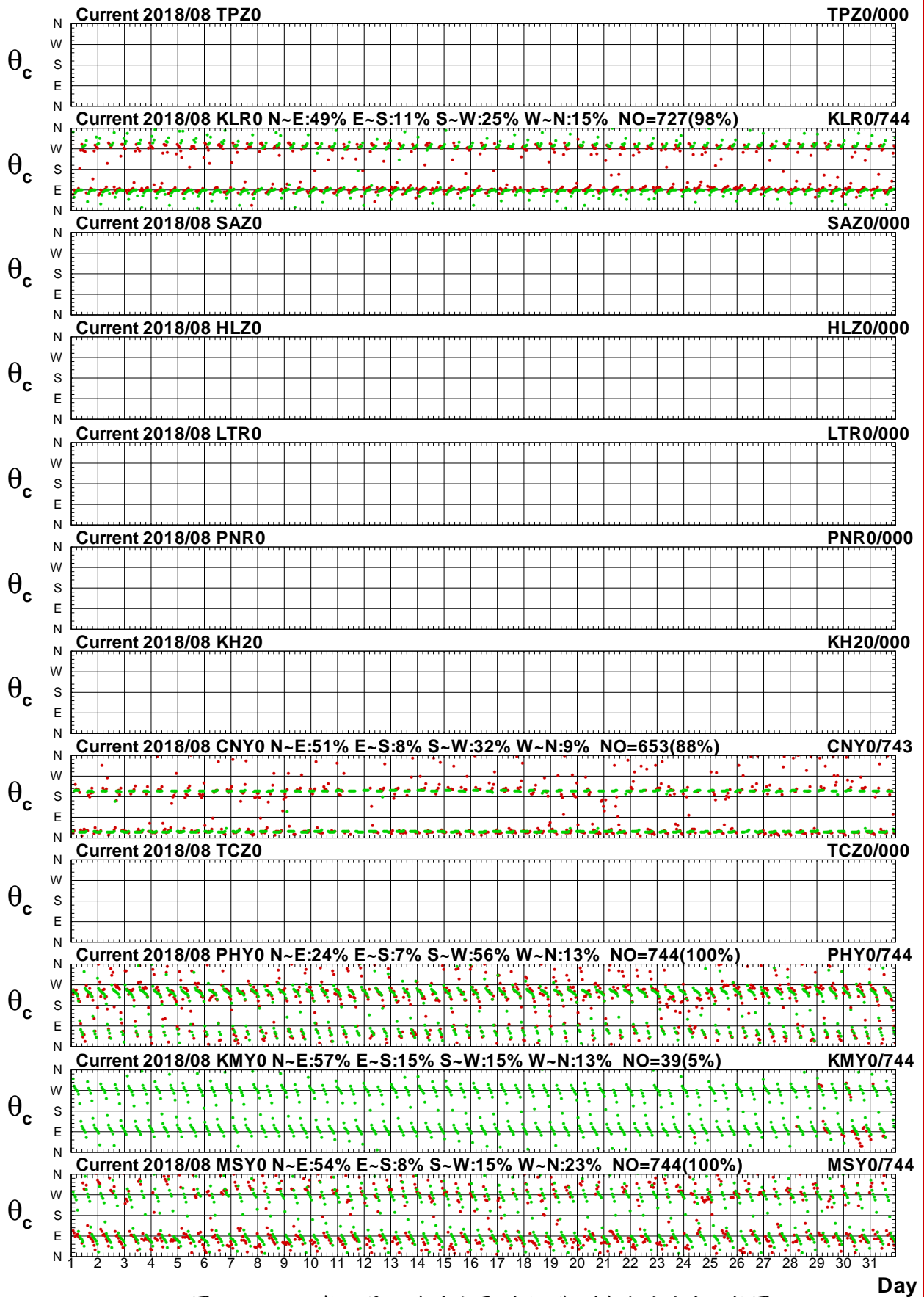


圖9.9b 2018年8月12海域主要測站3觀測與潮流流向比較圖

C188TPZ0.1HD C188TPZ0.1HD C188KLR0.1HD C188KLR0.1HD C188SAZ0.1HD C188SAZ0.1HD
 C188HLZ0.1HD C188HLZ0.1HD C188LTR0.1HD C188LTR0.1HD C188PNR0.1HD C188PNR0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/08

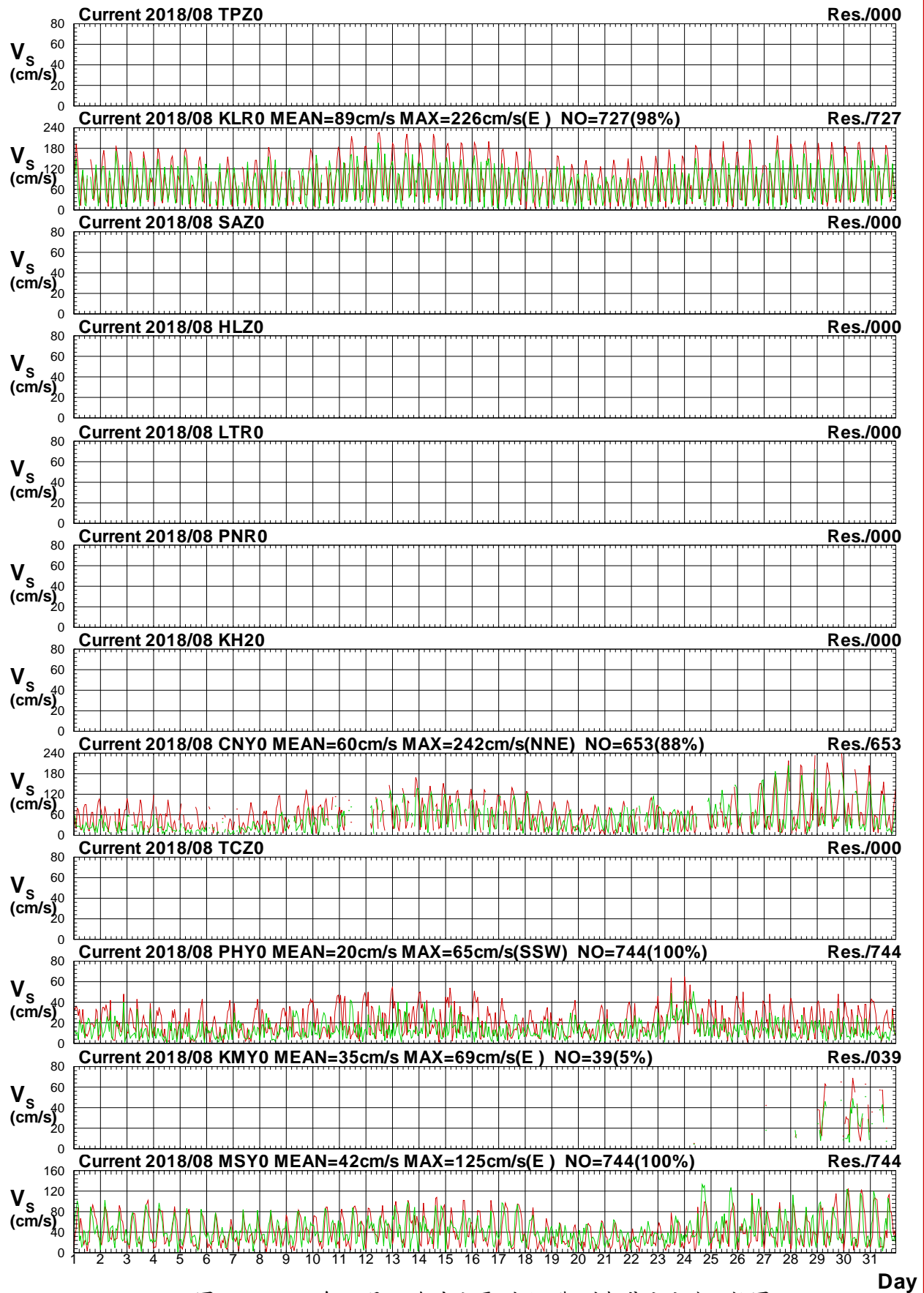


圖9.9c 2018年8月12海域主要測站3觀測與殘流流速比較圖

C188TPZ0.1H0 C188TPZ0.1HR C188KLR0.1H0 C188KLR0.1HR C188SAZ0.1H0 C188SAZ0.1HR
 C188HLZ0.1H0 C188HLZ0.1HR C188LTR0.1H0 C188LTR0.1HR C188PNR0.1H0 C188PNR0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/08

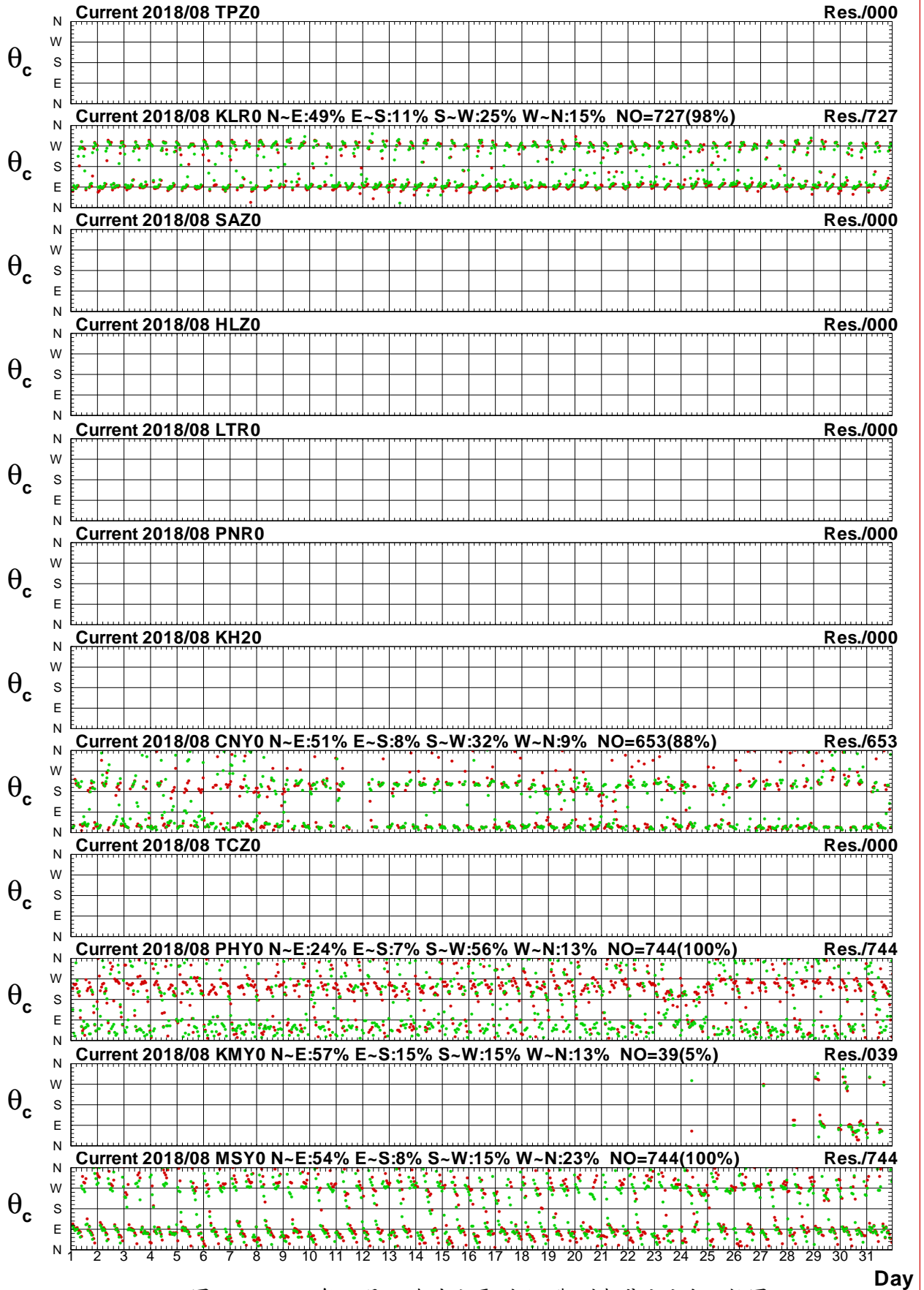


圖9.9d 2018年8月12海域主要測站3觀測與殘流流向比較圖

C188TPZ0.1H0 C188TPZ0.1HR C188KLR0.1H0 C188KLR0.1HR C188SAZ0.1H0 C188SAZ0.1HR
 C188HLZ0.1H0 C188HLZ0.1HR C188LTR0.1H0 C188LTR0.1HR C188PNR0.1H0 C188PNR0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/09

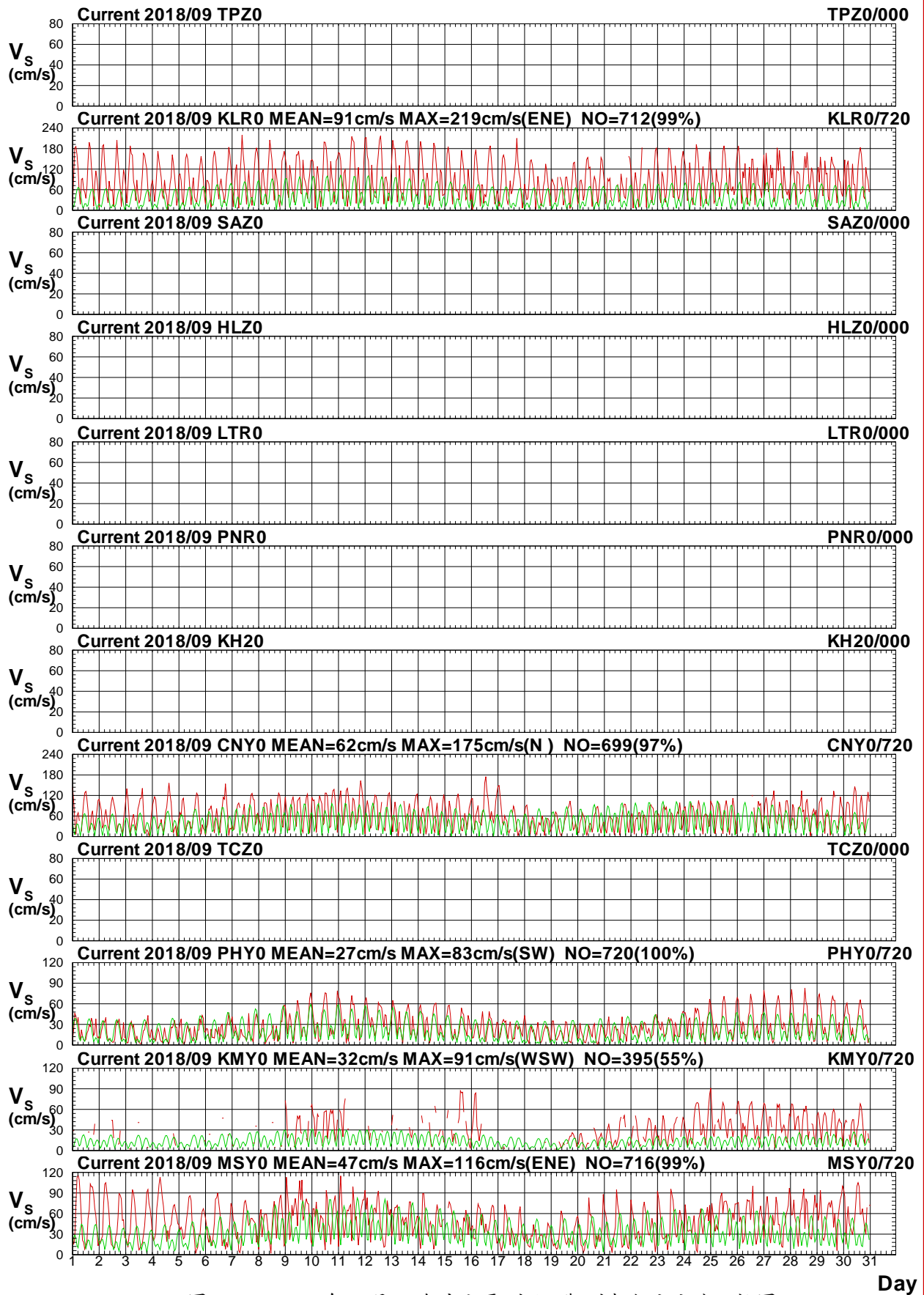


圖9.10a 2018年9月12海域主要測站3觀測與潮流流速比較圖

C189TPZO.1HD C189TPZO.1HD C189KLR0.1HD C189KLR0.1HD C189SAZO.1HD C189SAZO.1HD
 C189HLZO.1HD C189HLZO.1HD C189LTR0.1HD C189LTR0.1HD C189PNR0.1HD C189PNR0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/09

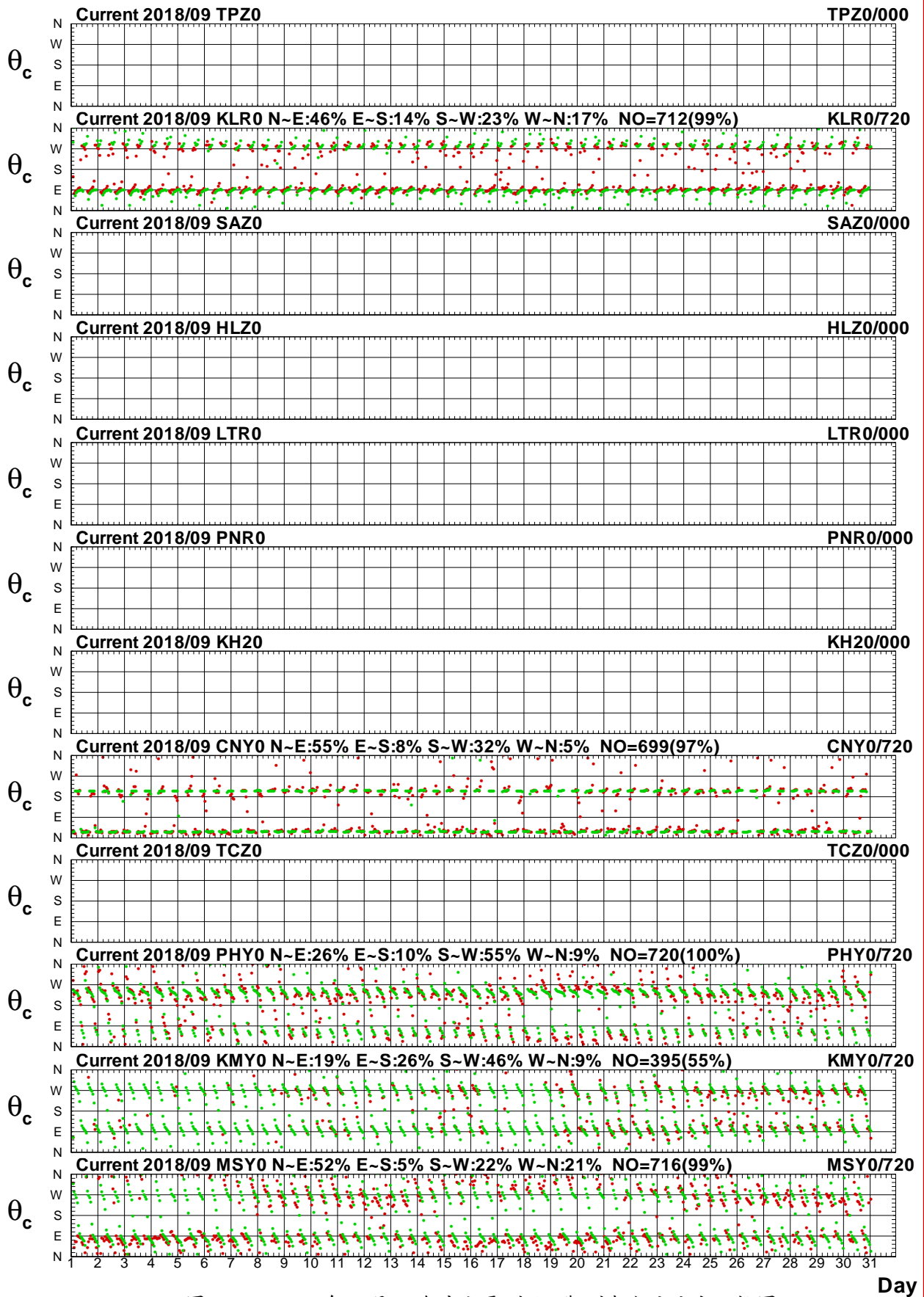


圖9.10b 2018年9月12海域主要測站3觀測與潮流流向比較圖

C189TPZ0.1HO C189TPZ0.1HD C189KLR0.1HO C189KLR0.1HD C189SAZ0.1HO C189SAZ0.1HD
 C189HLZ0.1HO C189HLZ0.1HD C189LTR0.1HO C189LTR0.1HD C189PNR0.1HO C189PNR0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/09

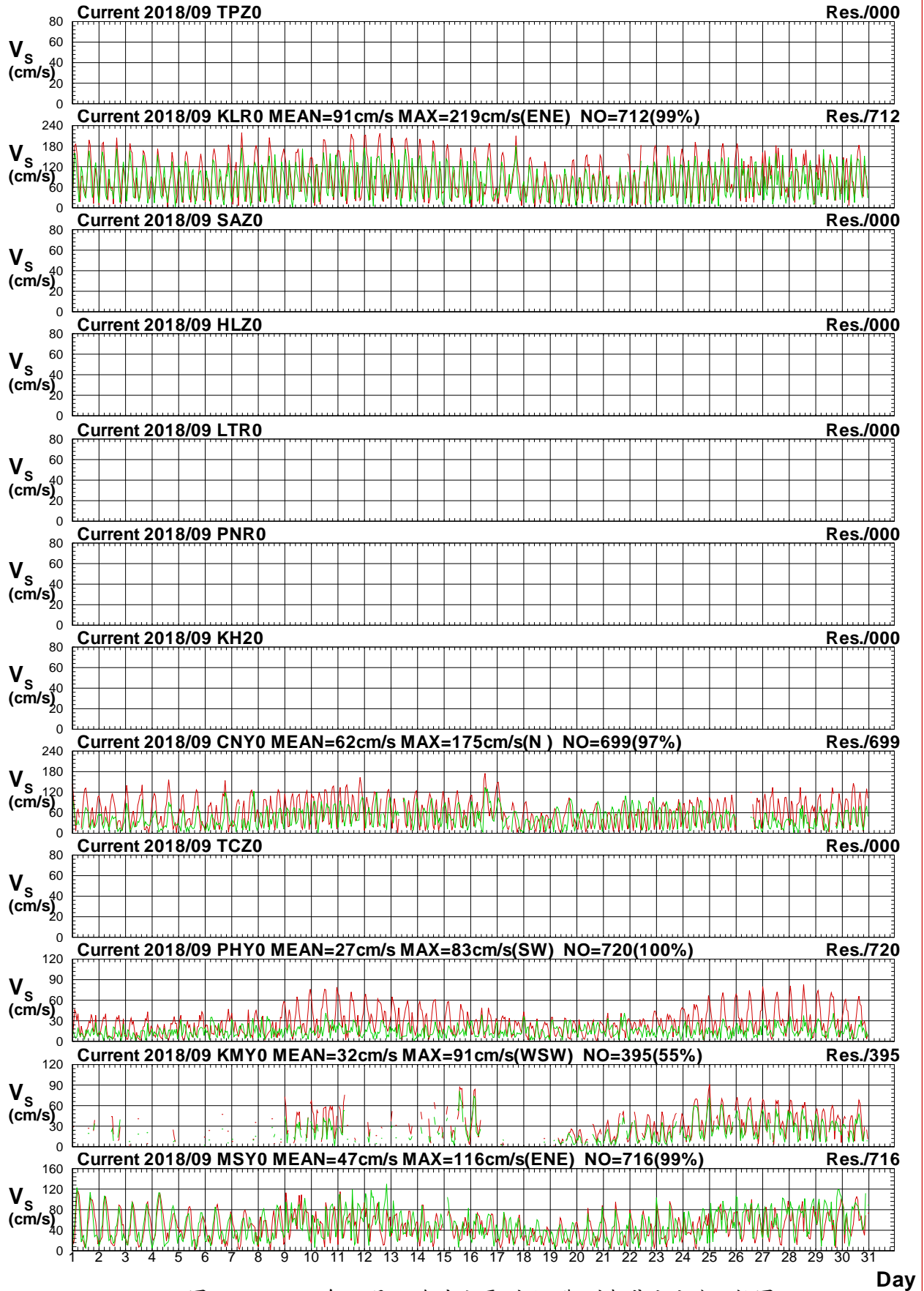


圖9.10c 2018年9月12海域主要測站3觀測與殘流流速比較圖

C189TPZ0.1H0 C189TPZ0.1HR C189KLR0.1H0 C189KLR0.1HR C189SAZ0.1H0 C189SAZ0.1HR
 C189HLZ0.1H0 C189HLZ0.1HR C189LTR0.1H0 C189LTR0.1HR C189PNR0.1H0 C189PNR0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/09

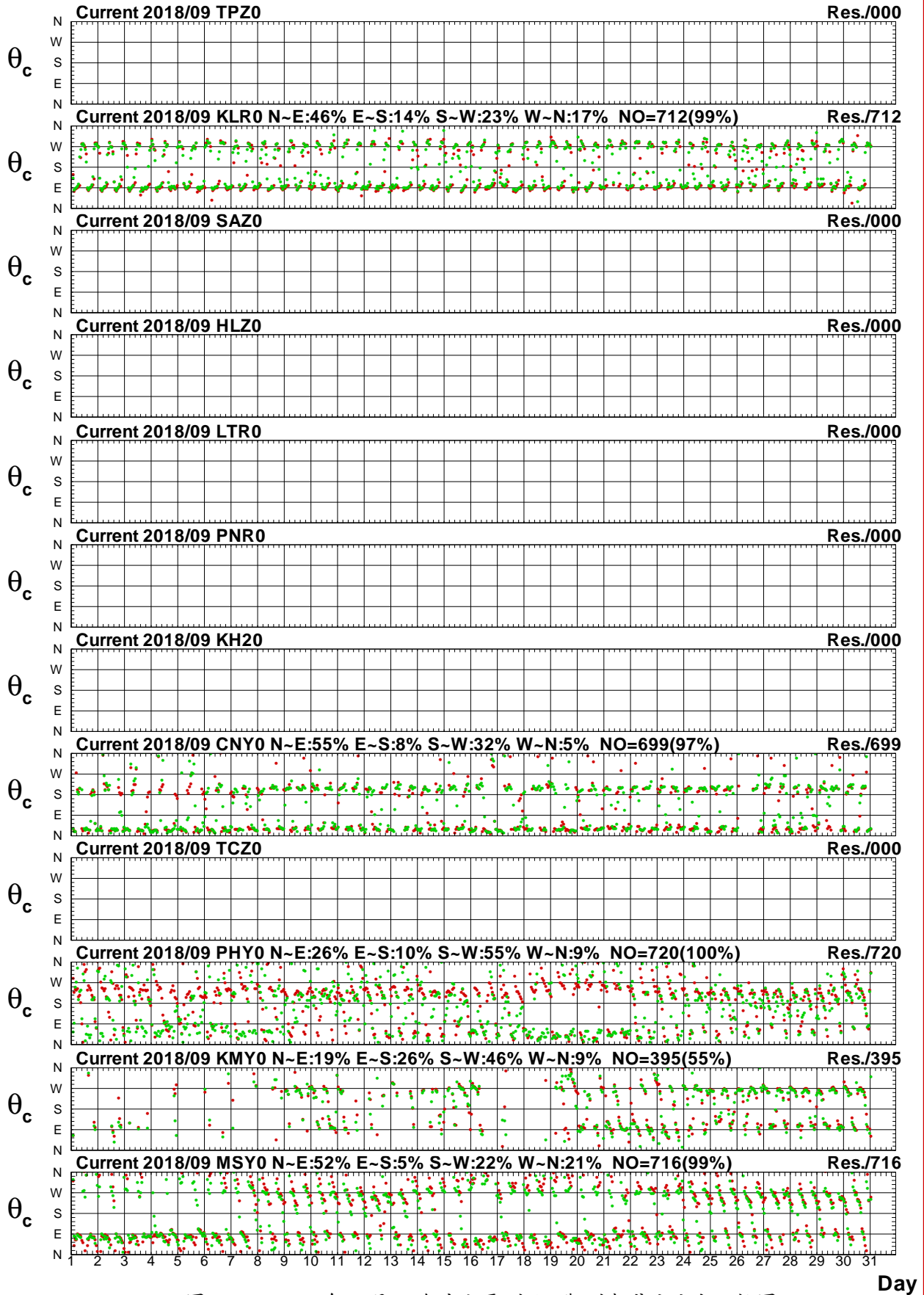


圖9.10d 2018年9月12海域主要測站3觀測與殘流流向比較圖

C189TPZ0.1H0 C189TPZ0.1HR C189KLR0.1H0 C189KLR0.1HR C189SAZ0.1H0 C189SAZ0.1HR
 C189HLZ0.1H0 C189HLZ0.1HR C189LTR0.1H0 C189LTR0.1HR C189PNR0.1H0 C189PNR0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/10

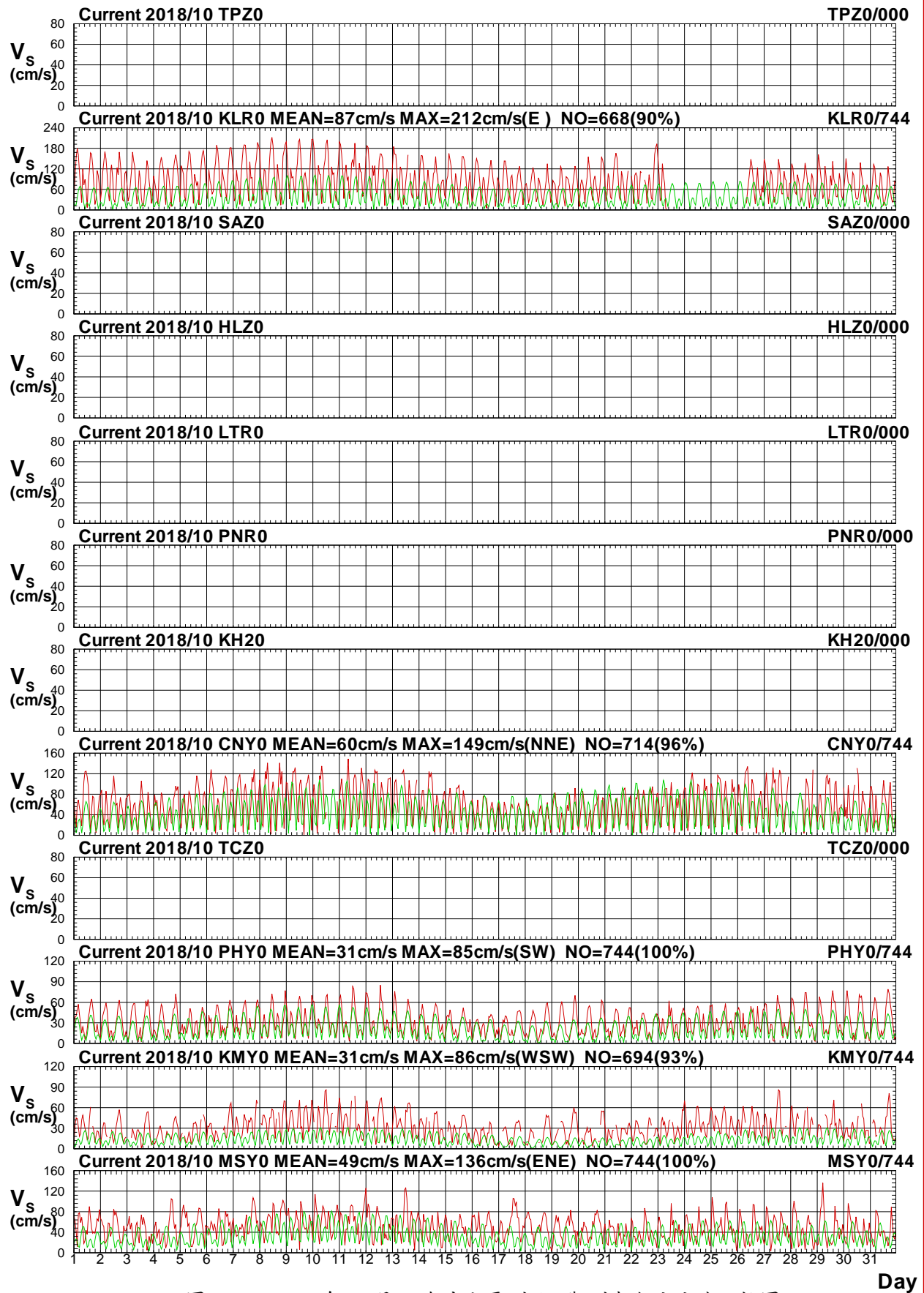


圖9.11a 2018年10月12海域主要測站3觀測與潮流流速比較圖

C18ATPZ0.1H0 C18ATPZ0.1HD C18AKLR0.1H0 C18AKLR0.1HD C18ASAZ0.1H0 C18ASAZ0.1HD
 C18AHLZ0.1H0 C18AHLZ0.1HD C18ALTR0.1H0 C18ALTR0.1HD C18APNR0.1H0 C18APNR0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/10

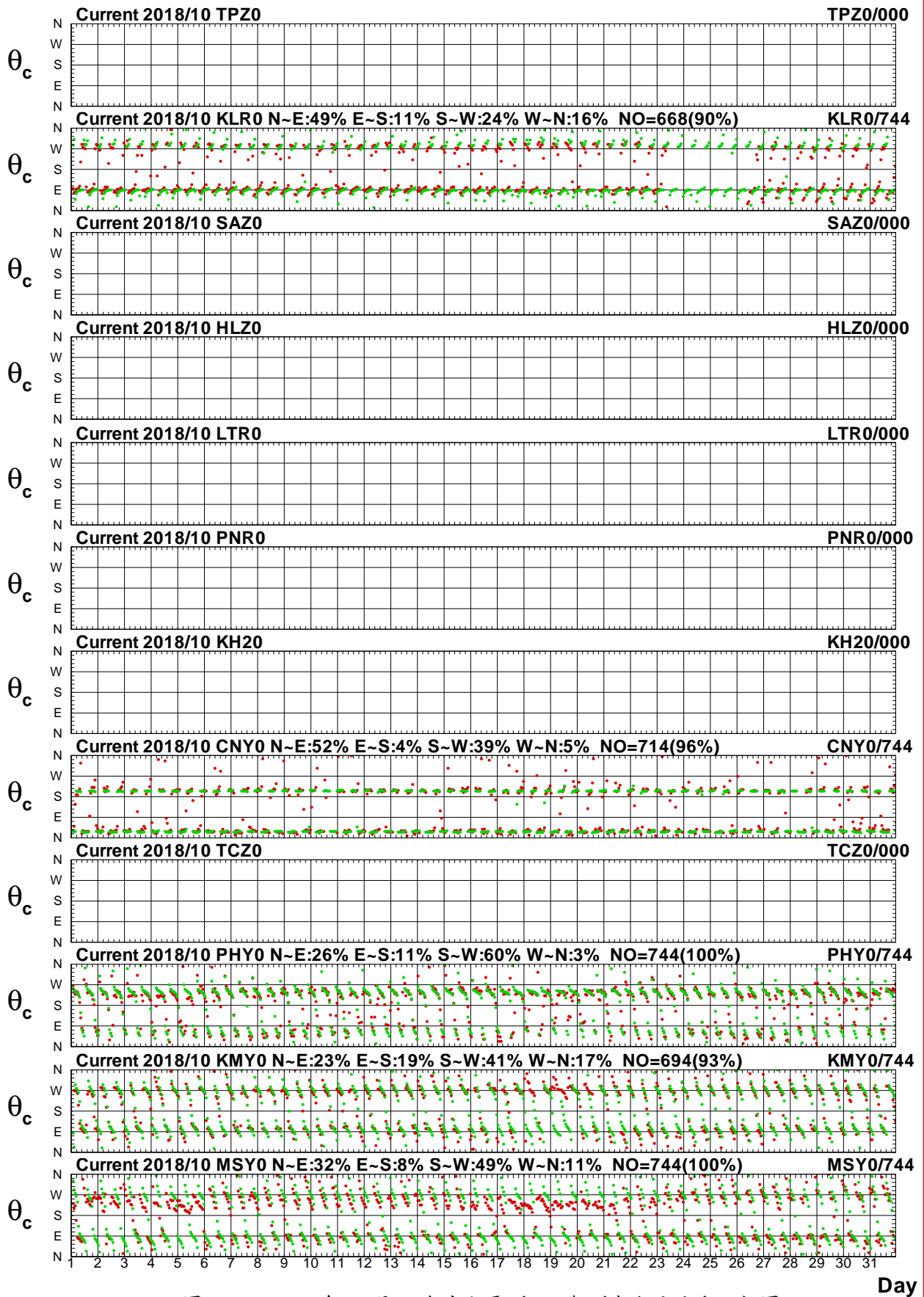


圖9.11b 2018年10月12海域主要測站3觀測與潮流流向比較圖

C18ATPZ0.1HD C18ATPZ0.1HD C18AKLR0.1HD C18AKLR0.1HD C18ASAZ0.1HD C18ASAZ0.1HD
 C18AHLZ0.1HD C18AHLZ0.1HD C18ALTR0.1HD C18ALTR0.1HD C18APNR0.1HD C18APNR0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/10

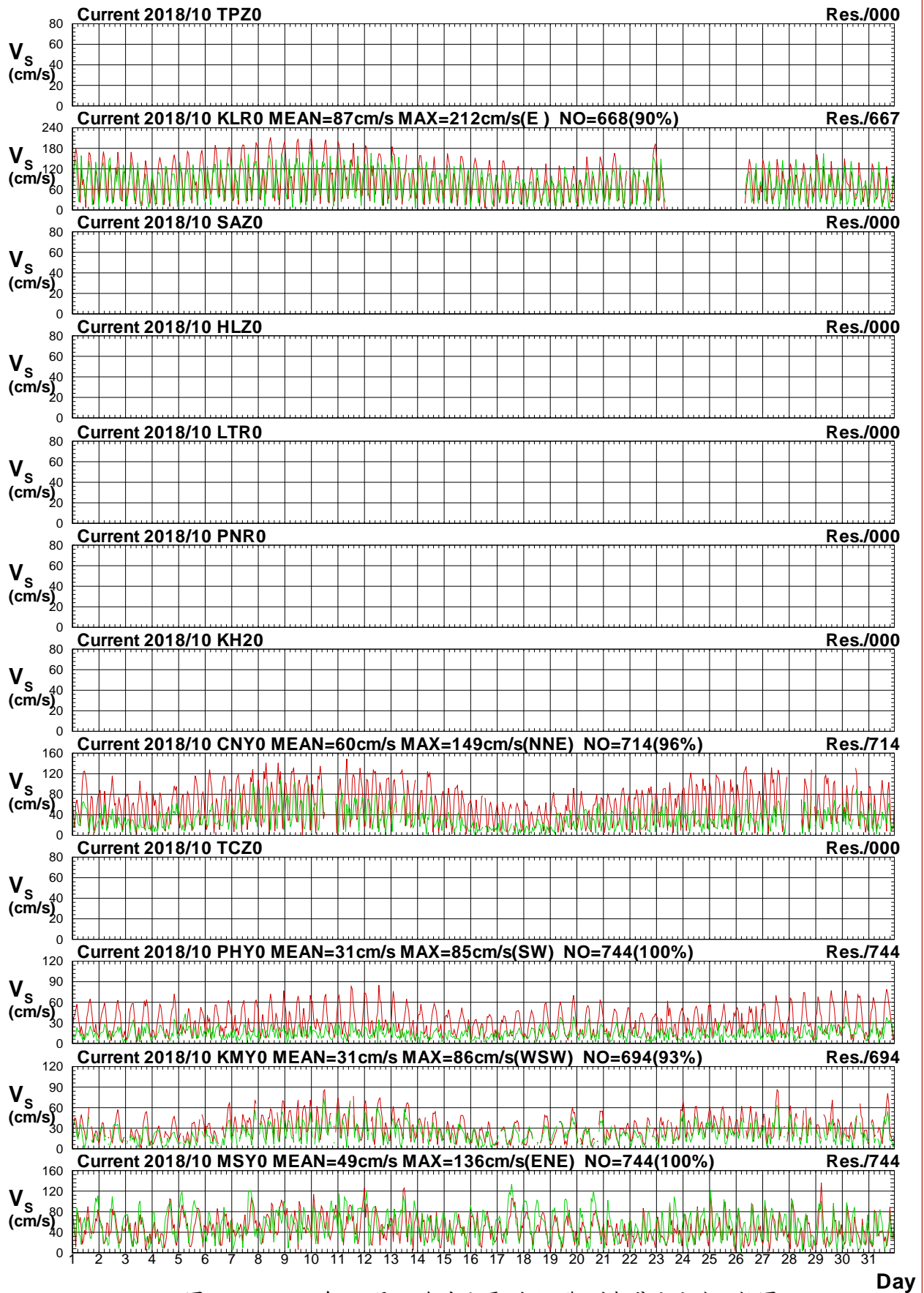


圖9.11c 2018年10月12海域主要測站3觀測與殘流流速比較圖

C18ATPZ0.1H0 C18ATPZ0.1HR C18AKLR0.1H0 C18AKLR0.1HR C18ASAZ0.1H0 C18ASAZ0.1HR
 C18AHLZ0.1H0 C18AHLZ0.1HR C18ALTR0.1H0 C18ALTR0.1HR C18APNR0.1H0 C18APNR0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/10

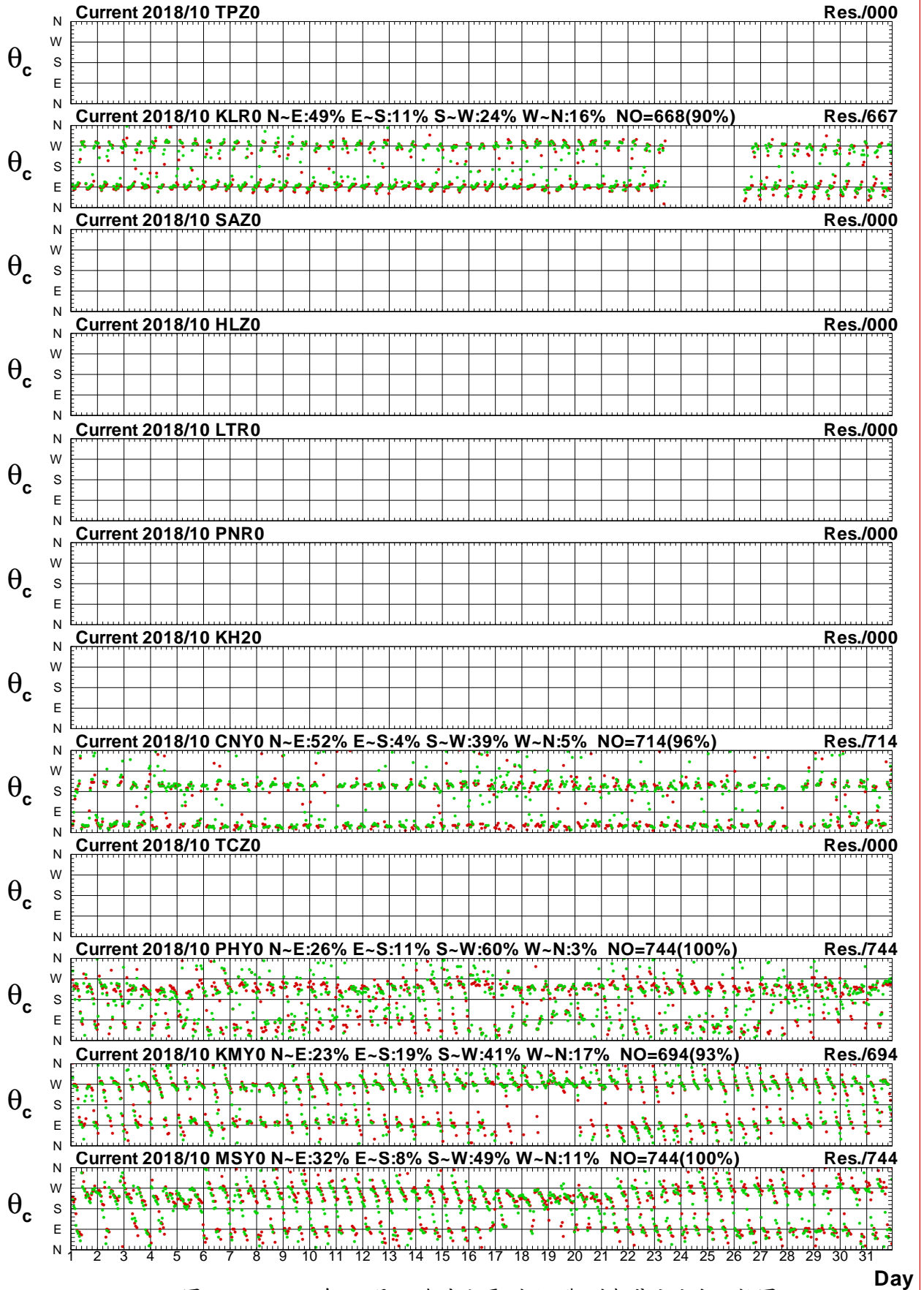


圖9.11d 2018年10月12海域主要測站3觀測與殘流流向比較圖

C18ATPZ0.1H0 C18ATPZ0.1HR C18AKLR0.1H0 C18AKLR0.1HR C18ASAZ0.1H0 C18ASAZ0.1HR
 C18AHLZ0.1H0 C18AHLZ0.1HR C18ALTR0.1H0 C18ALTR0.1HR C18APNR0.1H0 C18APNR0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/11

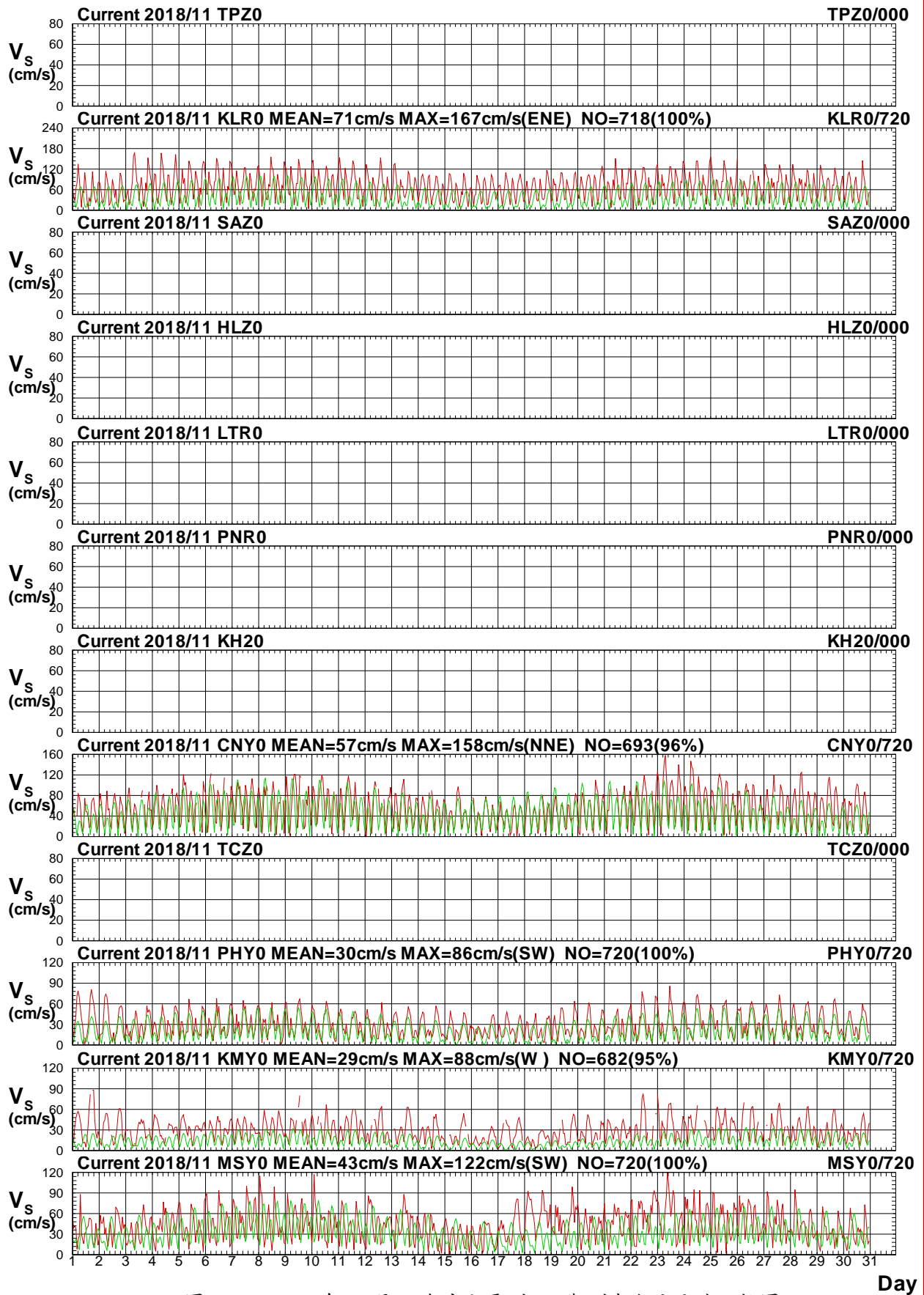


圖9.12a 2018年11月12海域主要測站3觀測與潮流流速比較圖

C18BTPZO.1H0 C18BTPZO.1HD C18BKLR0.1H0 C18BKLR0.1HD C18BSAZO.1H0 C18BSAZO.1HD
 C18BHLZO.1H0 C18BHLZO.1HD C18BLTR0.1H0 C18BLTR0.1HD C18BPNR0.1H0 C18BPNR0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/11

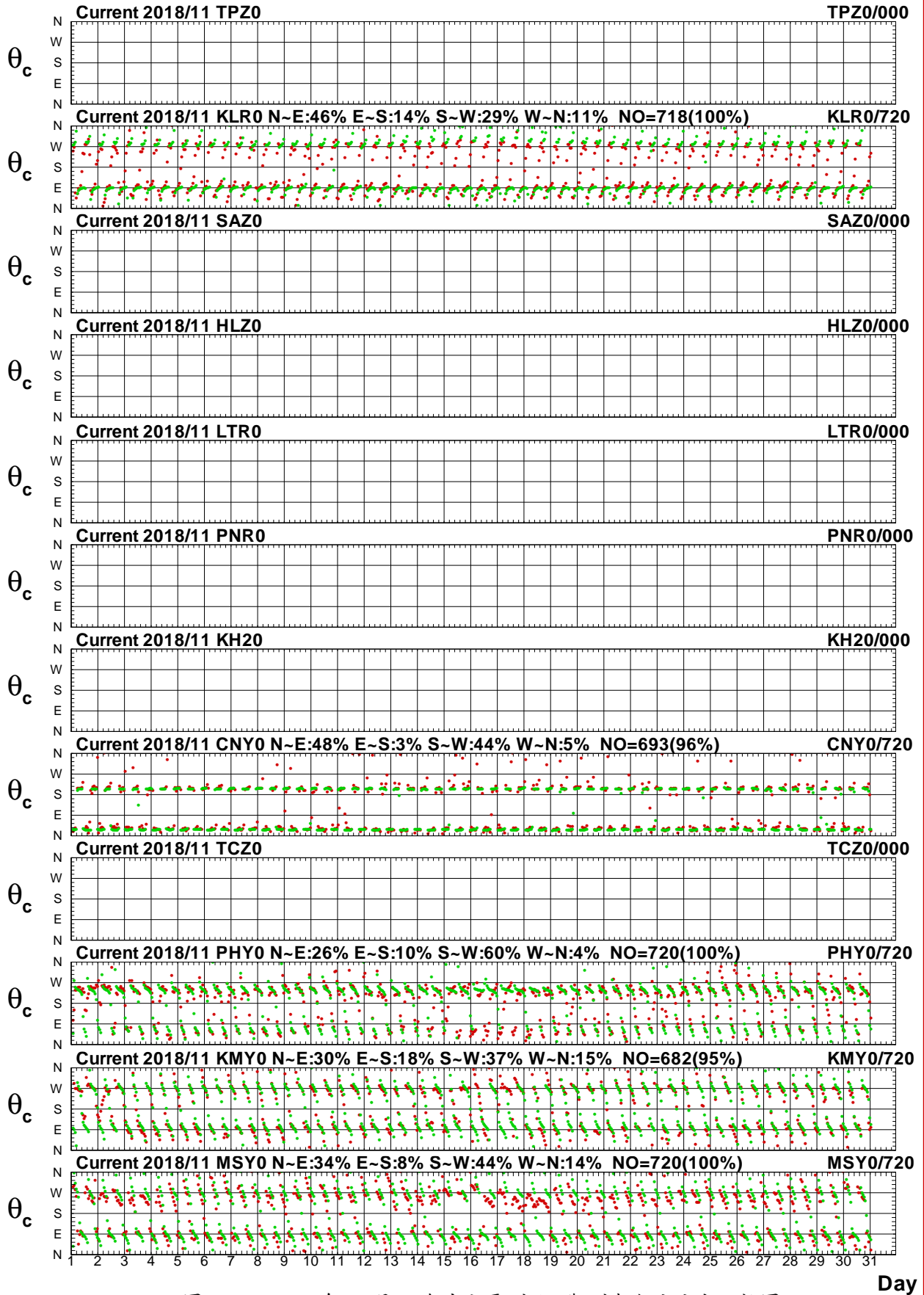


圖9.12b 2018年11月12海域主要測站3觀測與潮流流向比較圖

C18BTPZ0.1HD C18BTPZ0.1HD C18BKLR0.1HD C18BKLR0.1HD C18BSAZ0.1HD C18BSAZ0.1HD
 C18BHLZ0.1HD C18BHLZ0.1HD C18BLTR0.1HD C18BLTR0.1HD C18BPNR0.1HD C18BPNR0.1HD

Institute of Harbor & Marine Technology

Twelve Harbors Current Speed at 2018/11

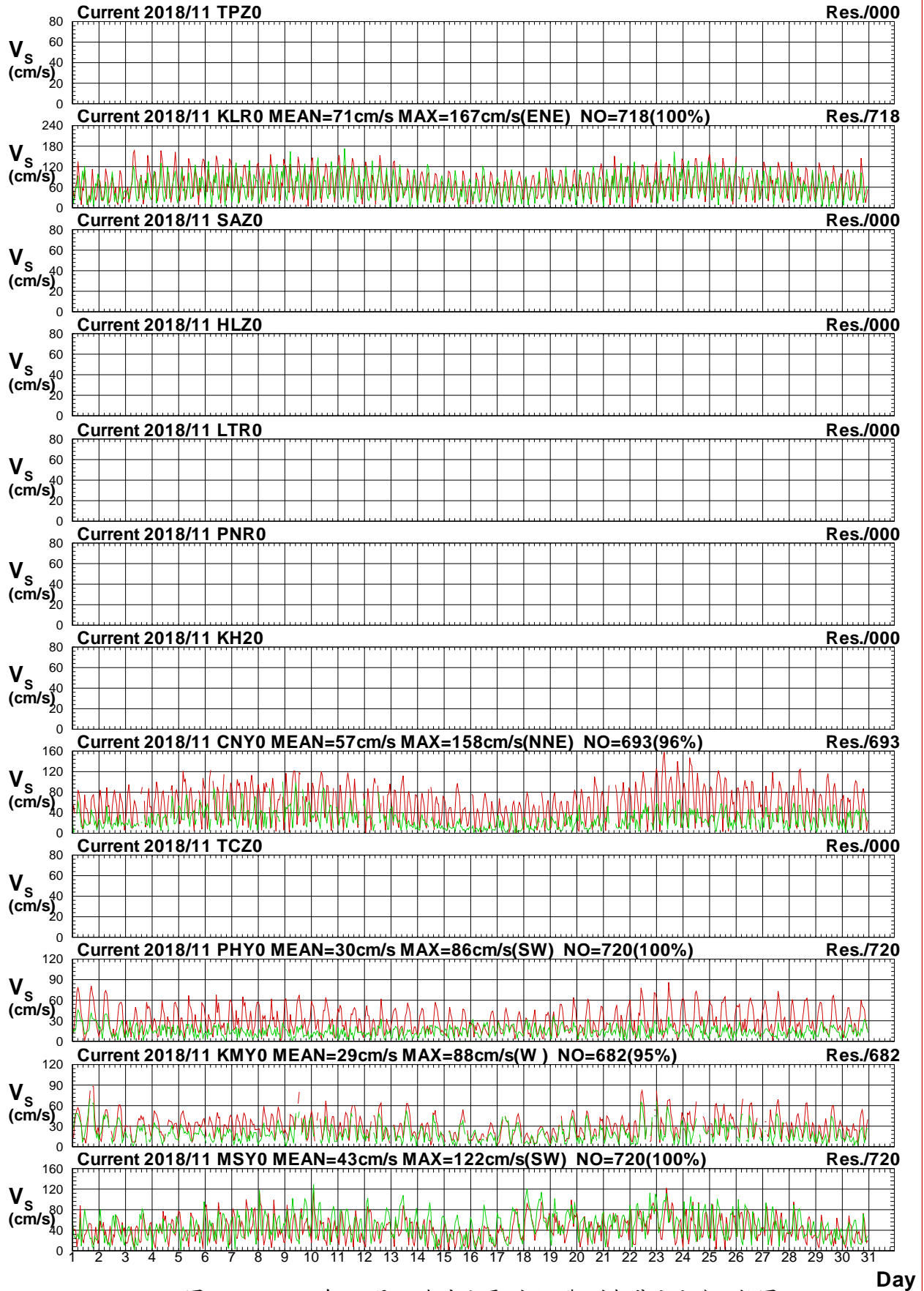


圖9.12c 2018年11月12海域主要測站3觀測與殘流流速比較圖

C18BTPZ0.1H0 C18BTPZ0.1HR C18BKLR0.1H0 C18BKLR0.1HR C18BSAZ0.1H0 C18BSAZ0.1HR
 C18BHLZ0.1H0 C18BHLZ0.1HR C18BLTR0.1H0 C18BLTR0.1HR C18BPNR0.1H0 C18BPNR0.1HR

Institute of Harbor & Marine Technology

Twelve Harbors Current Direction at 2018/11

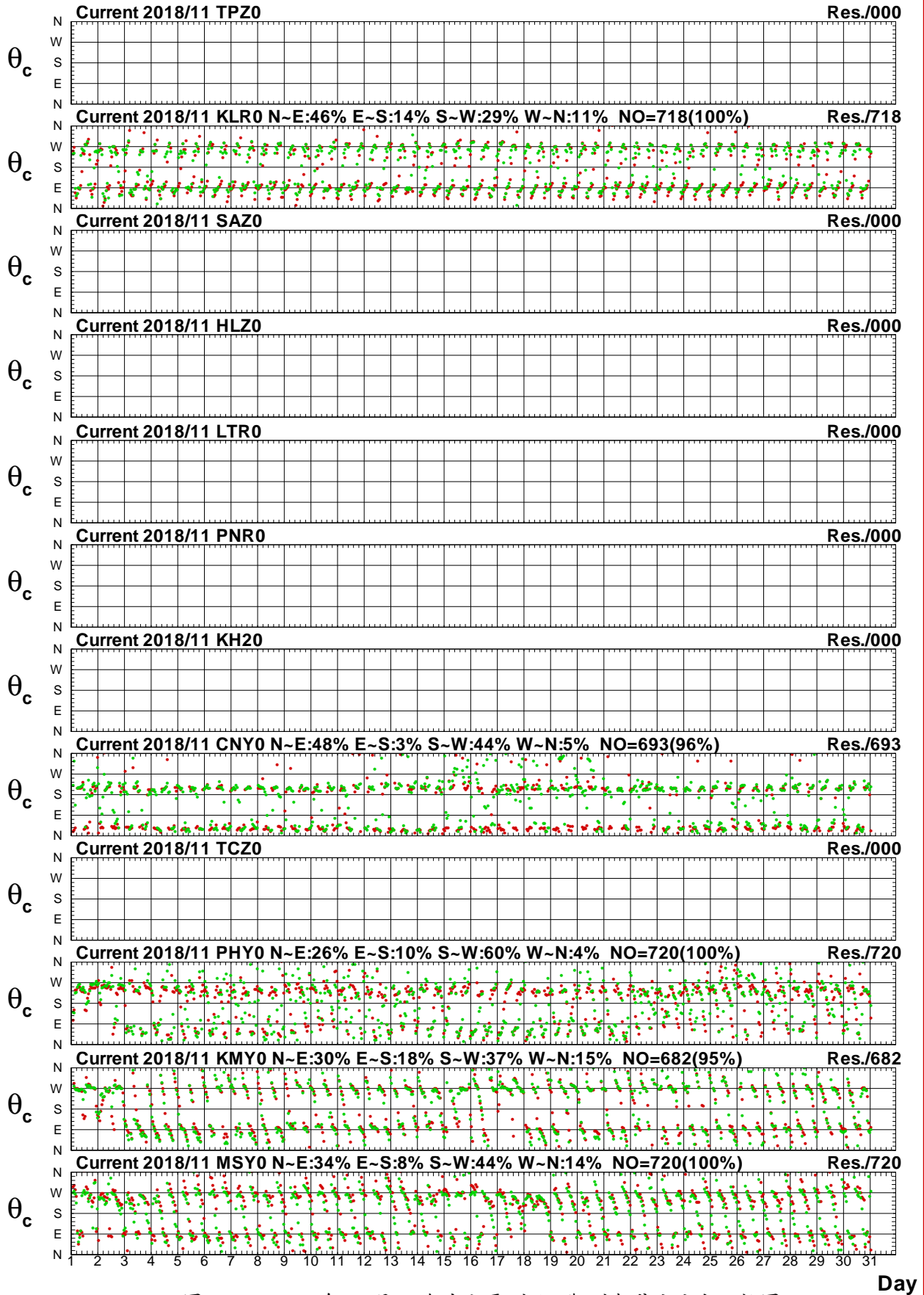


圖9.12d 2018年11月12海域主要測站3觀測與殘流流向比較圖

C18BTPZ0.1H0 C18BTPZ0.1HR C18BKLR0.1H0 C18BKLR0.1HR C18BSAZ0.1H0 C18BSAZ0.1HR
 C18BHLZ0.1H0 C18BHLZ0.1HR C18BLTR0.1H0 C18BLTR0.1HR C18BPNR0.1H0 C18BPNR0.1HR

Institute of Harbor & Marine Technology

第十章 2018 年 12 海域海流主要觀測站 3 每月向量分佈及行進圖

(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 Current Vectors

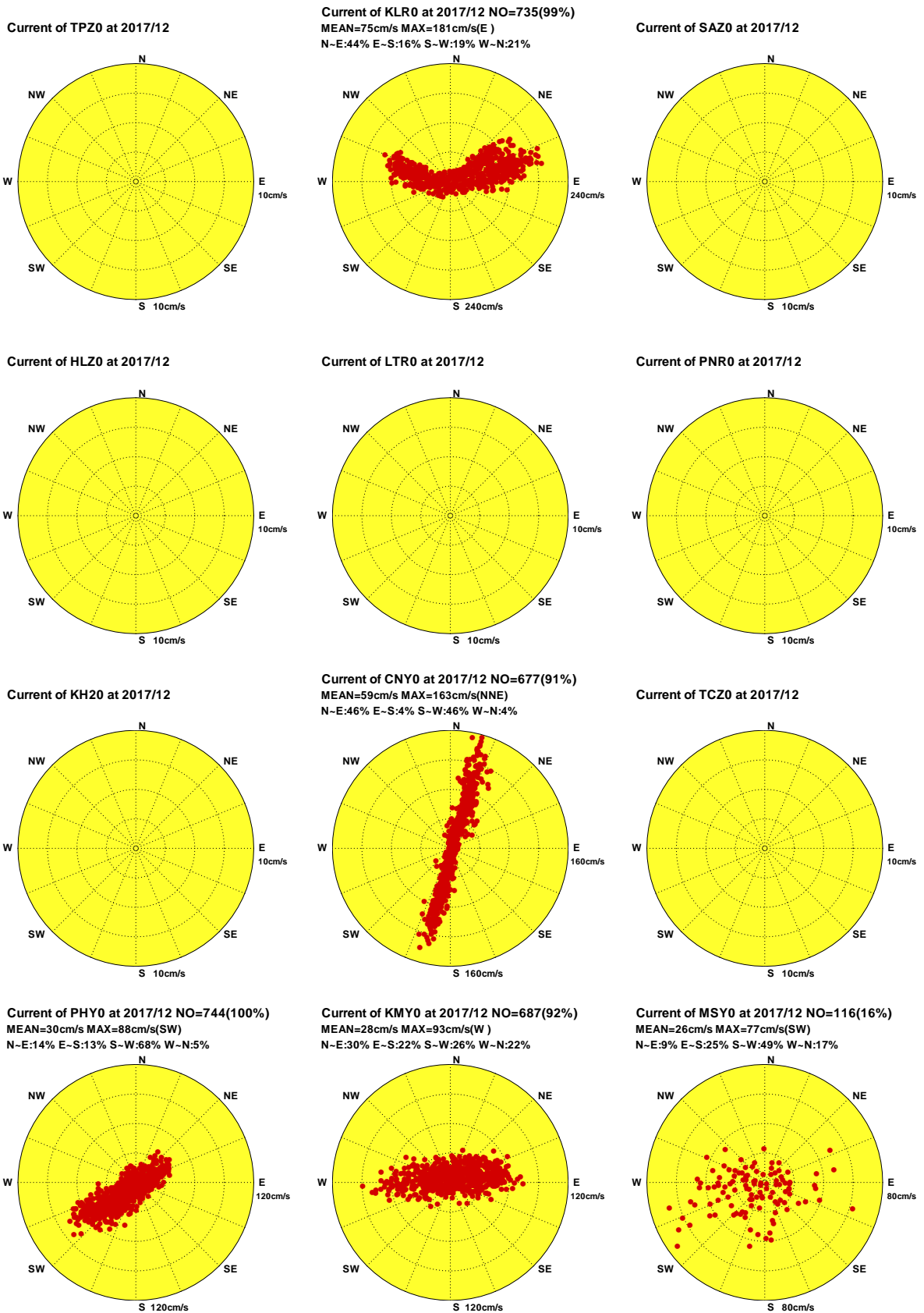


圖10.1a 2018年12月12海域主要測站3觀測海流向量分佈圖

C17CTPZ0.1H0 C17CKLR0.1H0 C17CSAZ0.1H0 C17CHLZ0.1H0 C17CLTR0.1H0 C17CPNR0.1H0
C17CKHZ0.1H0 C17CCNY0.1H0 C17CTCZ0.1H0 C17CPHY0.1H0 C17CKMY0.1H0 C17CMSY0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

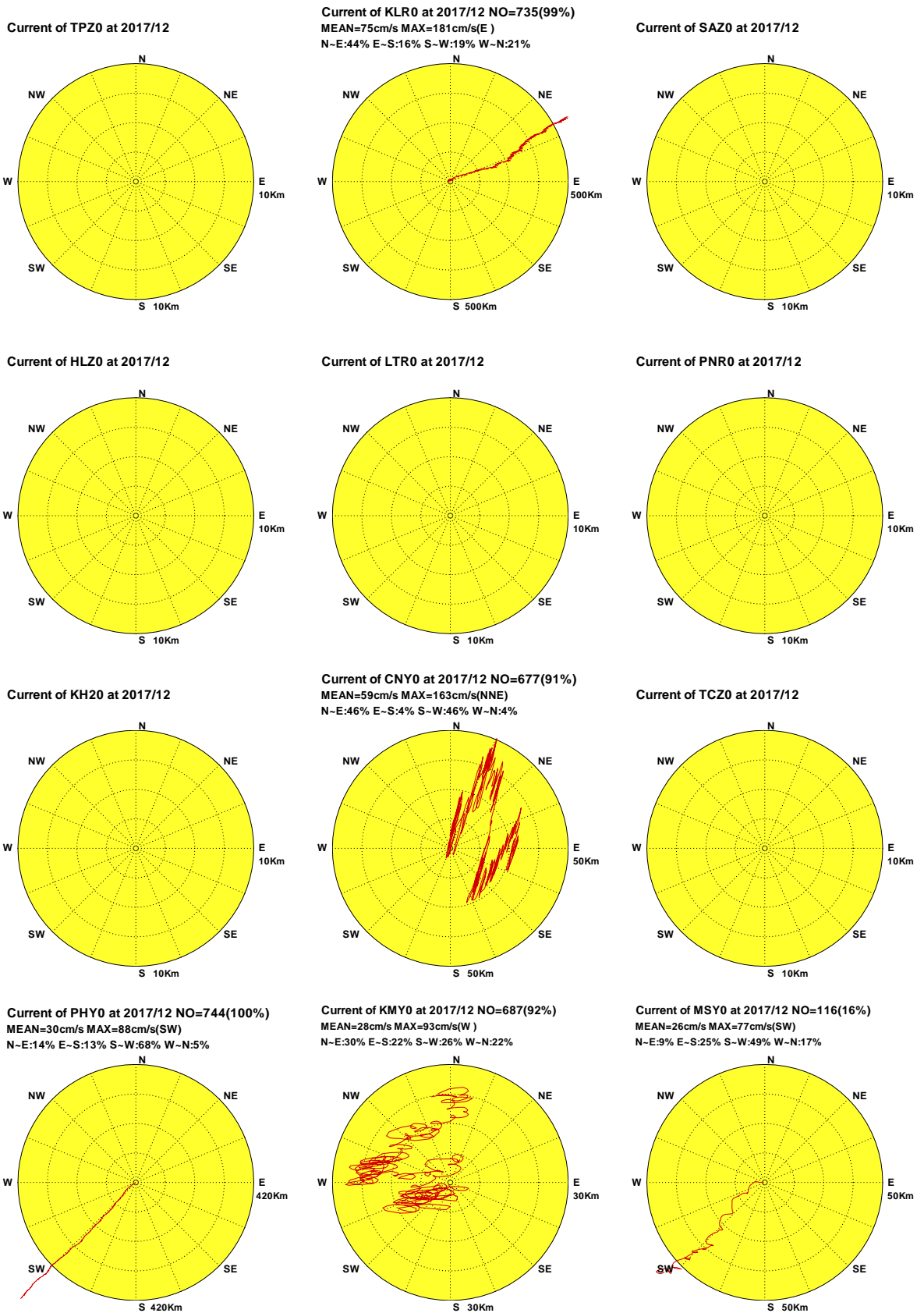


圖10.1b 2018年12月12海域主要測站3觀測海流向量行進圖

C17CTPZ0.1H0 C17CKLR0.1H0 C17CSAZ0.1H0 C17CHLZ0.1H0 C17CLTR0.1H0 C17CPNR0.1H0
C17CKH20.1H0 C17CCNY0.1H0 C17CTCZ0.1H0 C17CPHY0.1H0 C17CKMY0.1H0 C17CMSY0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

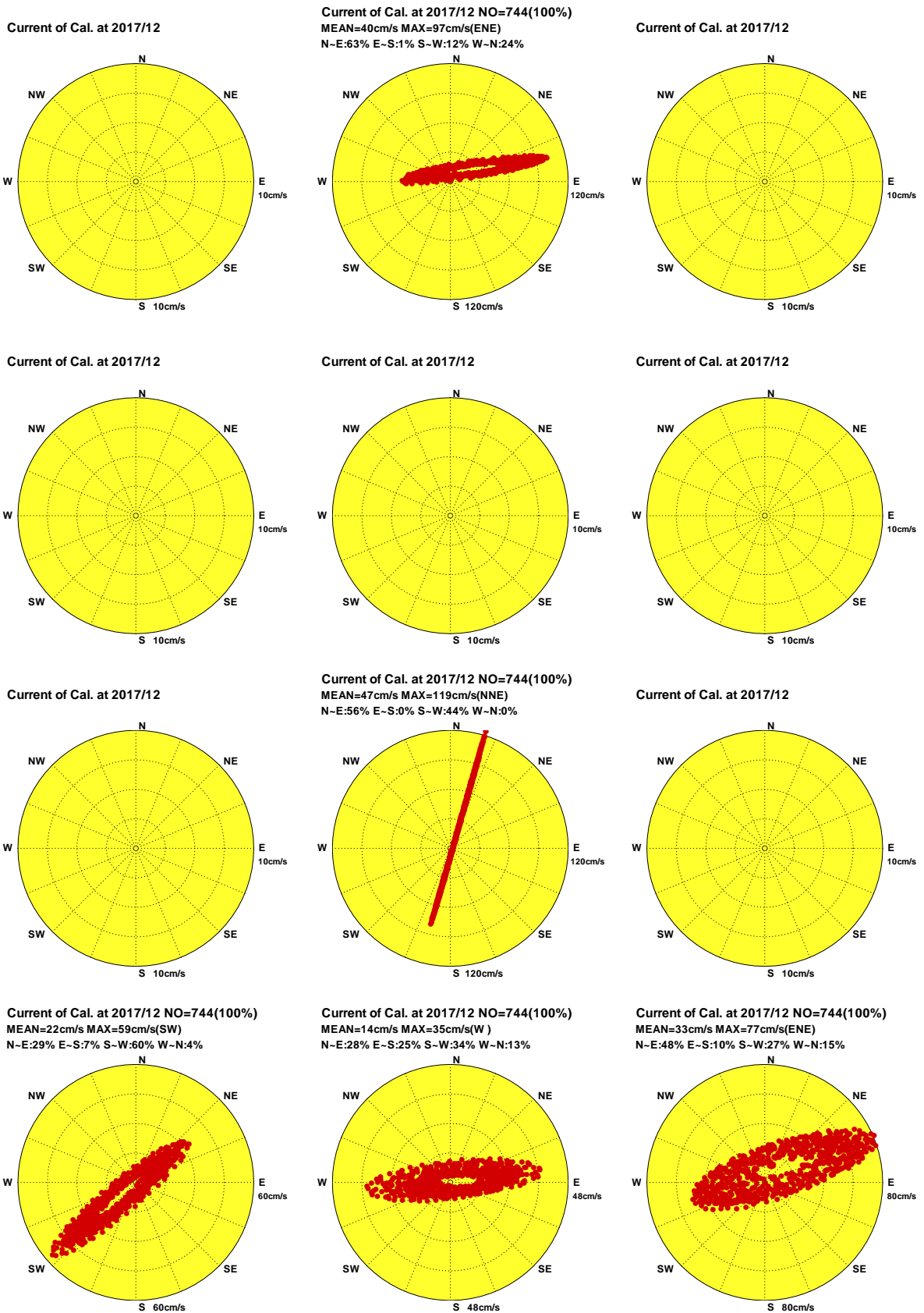


圖10.1c 2018年12月12海域主要測站3計算潮流向量分佈圖

C17CTPZ0.1HD C17CKLR0.1HD C17CSAZ0.1HD C17CHLZ0.1HD C17CLTR0.1HD C17CPNR0.1HD
 C17CKH20.1HD C17CCNY0.1HD C17CTCZ0.1HD C17CPHY0.1HD C17CKMY0.1HD C17CMSY0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

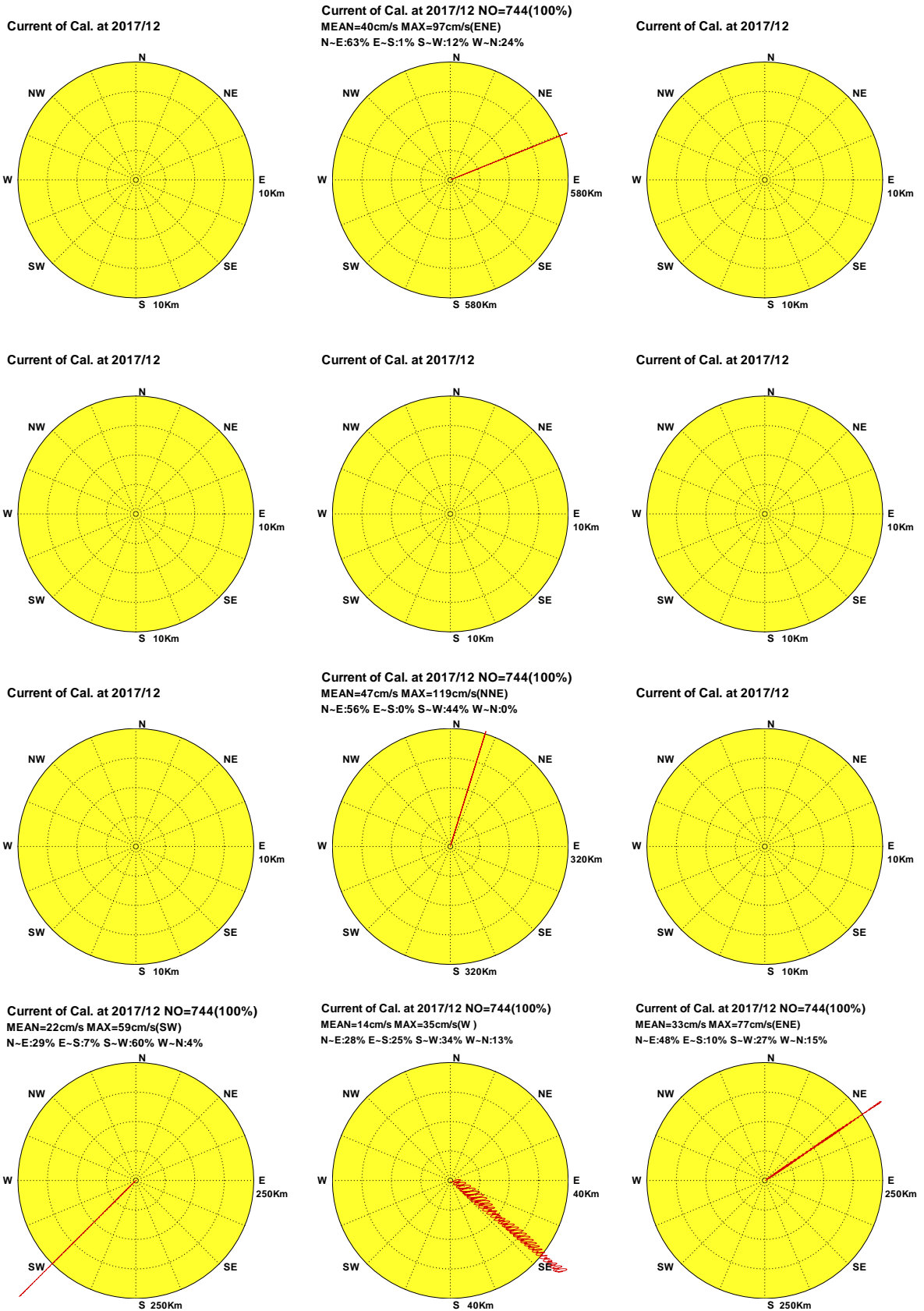


圖10.1d 2018年12月12海域主要測站3計算潮流向量行進圖

C17CTPZ0.1HD C17CKLR0.1HD C17CSAZ0.1HD C17CHLZ0.1HD C17CLTR0.1HD C17CPNR0.1HD
 C17CKH20.1HD C17CCNY0.1HD C17CTCZ0.1HD C17CPHY0.1HD C17CKMY0.1HD C17CMSY0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

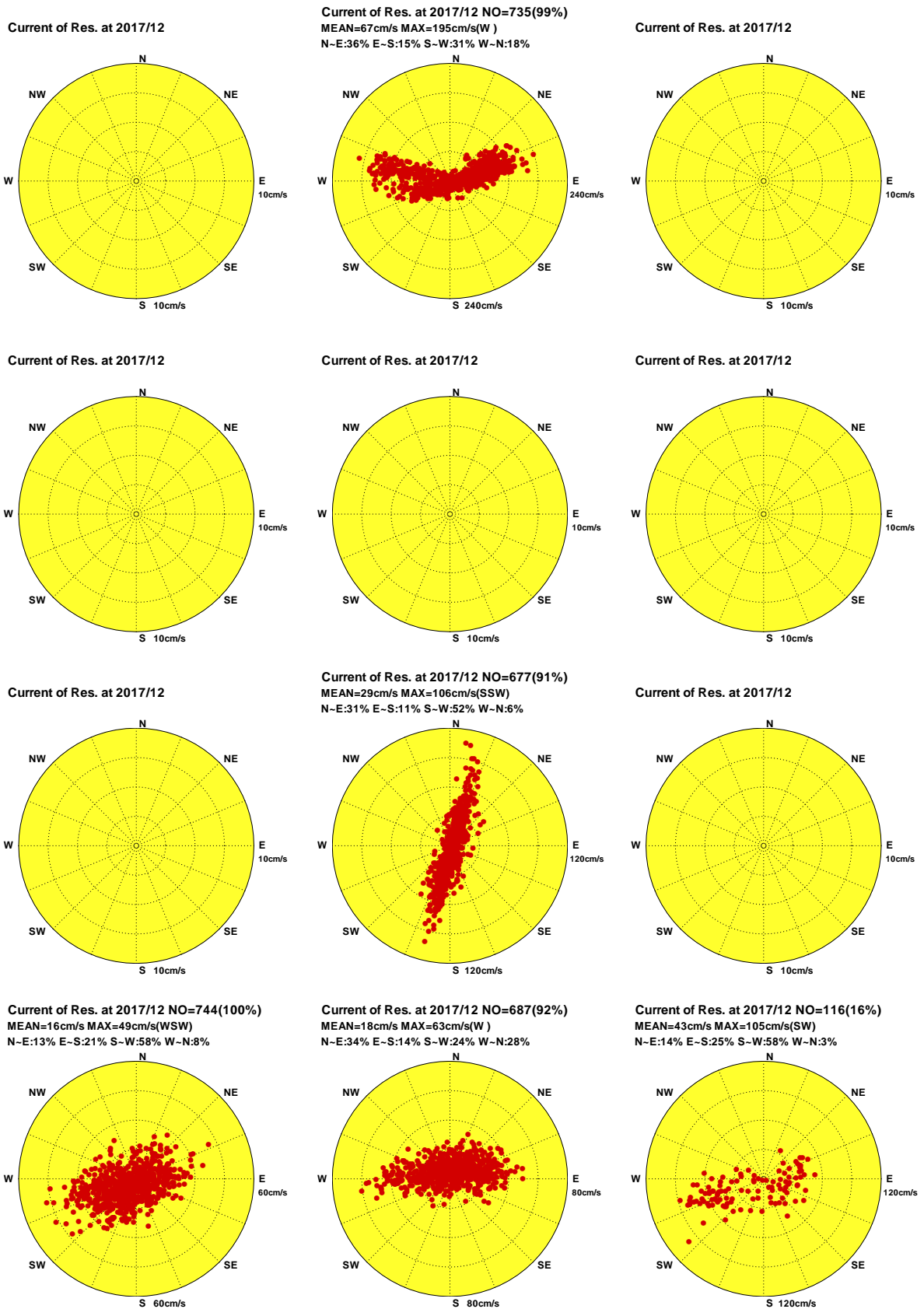


圖10.1e 2018年12月12海域主要測站3計算殘流向量分佈圖

C17CTPZ0.1HR C17CKLR0.1HR C17CSAZ0.1HR C17CHLZ0.1HR C17CLTR0.1HR C17CPNR0.1HR
 C17CKH20.1HR C17CCNY0.1HR C17CTCZ0.1HR C17CPHY0.1HR C17CKMY0.1HR C17CMSY0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

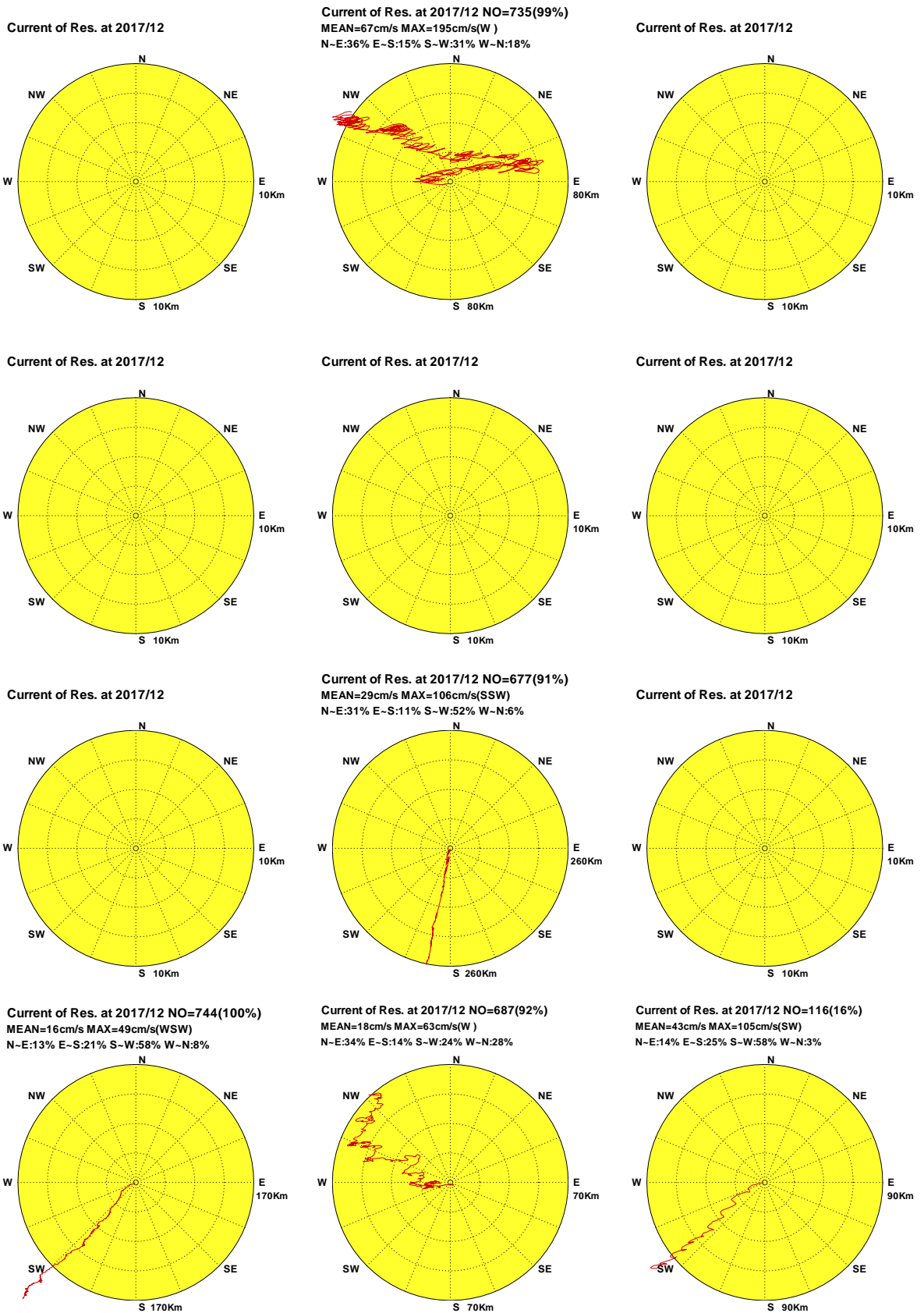


圖10.1f 2018年12月12海域主要測站3計算殘流向量行進圖

C17CTPZ0.1HR C17CKLR0.1HR C17CSAZ0.1HR C17CHLZ0.1HR C17CLTR0.1HR C17CPNR0.1HR
 C17CKH20.1HR C17CCNY0.1HR C17CTCZ0.1HR C17CPHY0.1HR C17CKMY0.1HR C17CMSY0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

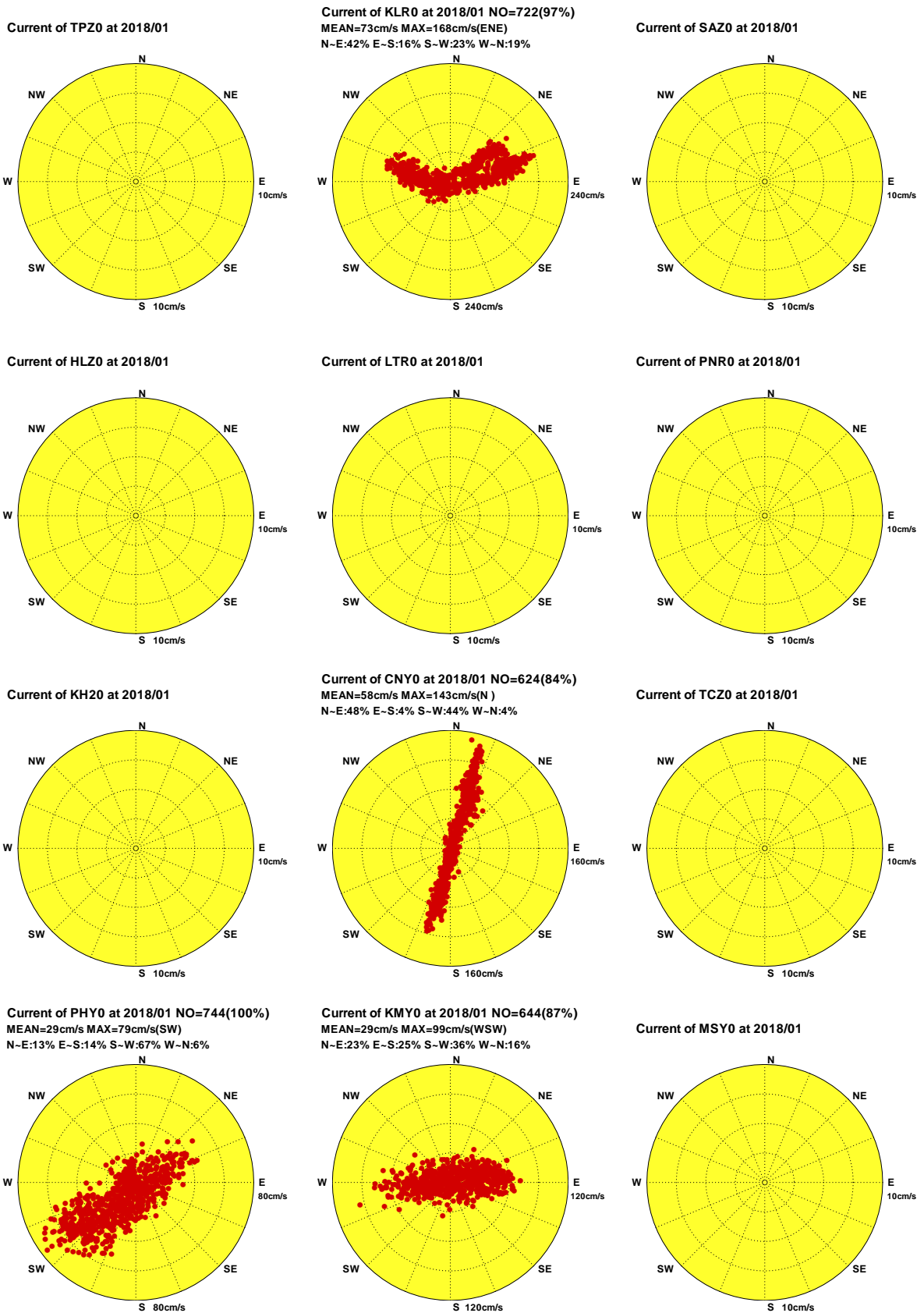


圖10.2a 2018年1月12海域主要測站3觀測海流向量分佈圖

C181TPZ0.1H0 C181KLR0.1H0 C181SAZ0.1H0 C181HLZ0.1H0 C181LTR0.1H0 C181PNR0.1H0
C181KH20.1H0 C181CNY0.1H0 C181TCZ0.1H0 C181PHY0.1H0 C181KMY0.1H0 C181MSY0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

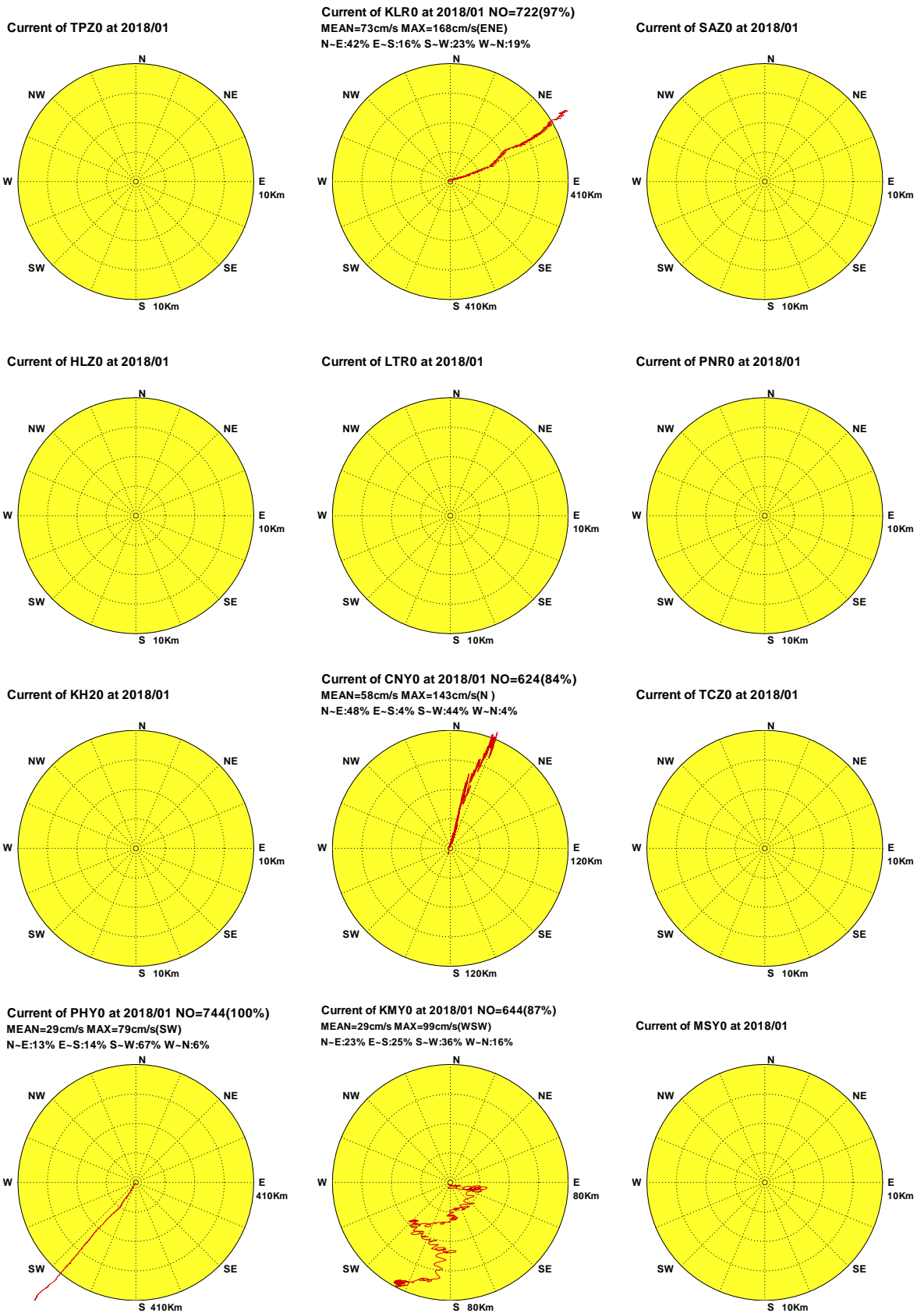


圖10.2b 2018年1月12海域主要測站3觀測海流向量行進圖

C181TPZ0.1H0 C181KLR0.1H0 C181SAZ0.1H0 C181HLZ0.1H0 C181LTR0.1H0 C181PNR0.1H0
C181KH20.1H0 C181CNY0.1H0 C181TCZ0.1H0 C181PHY0.1H0 C181KMY0.1H0 C181MSY0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

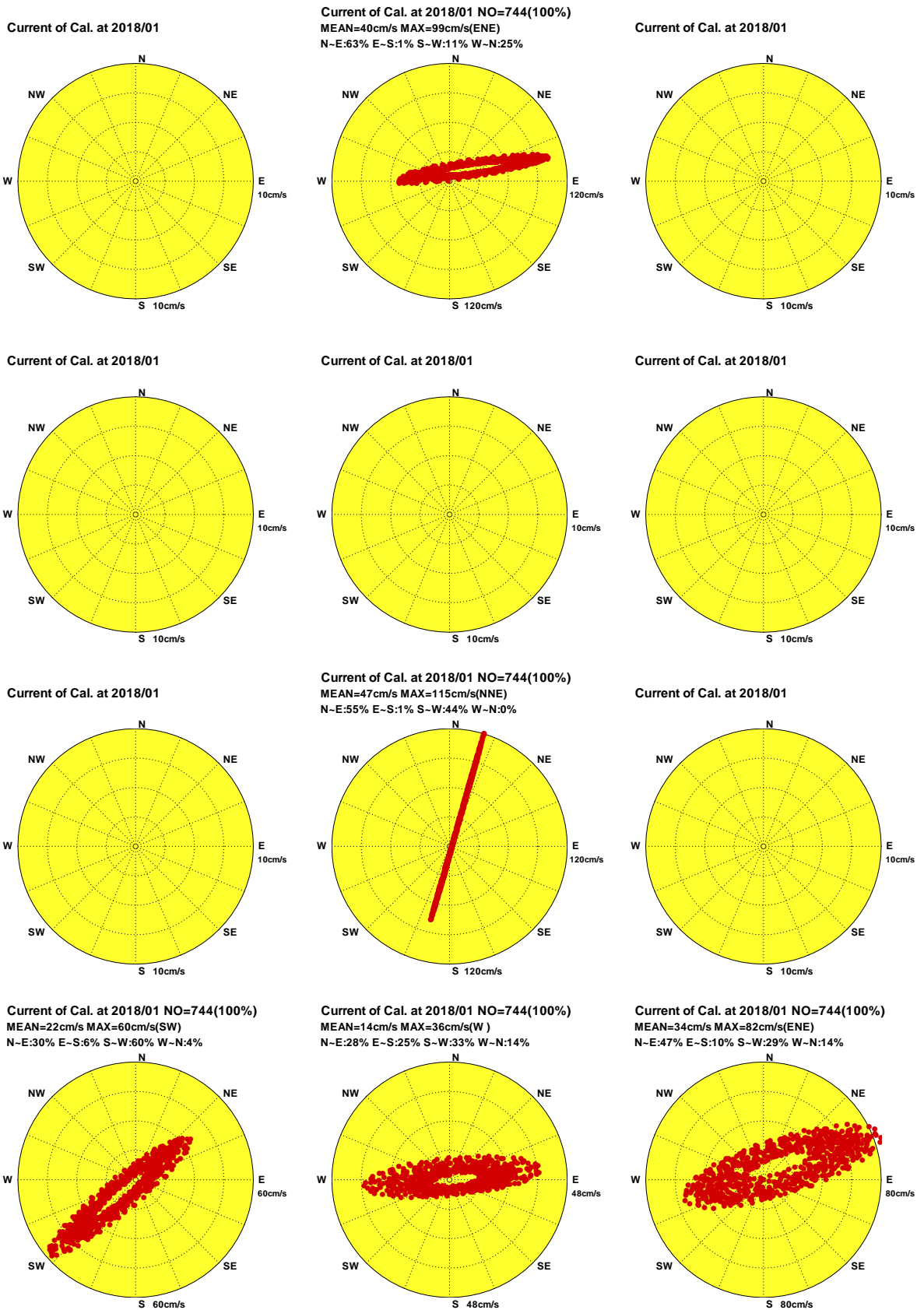
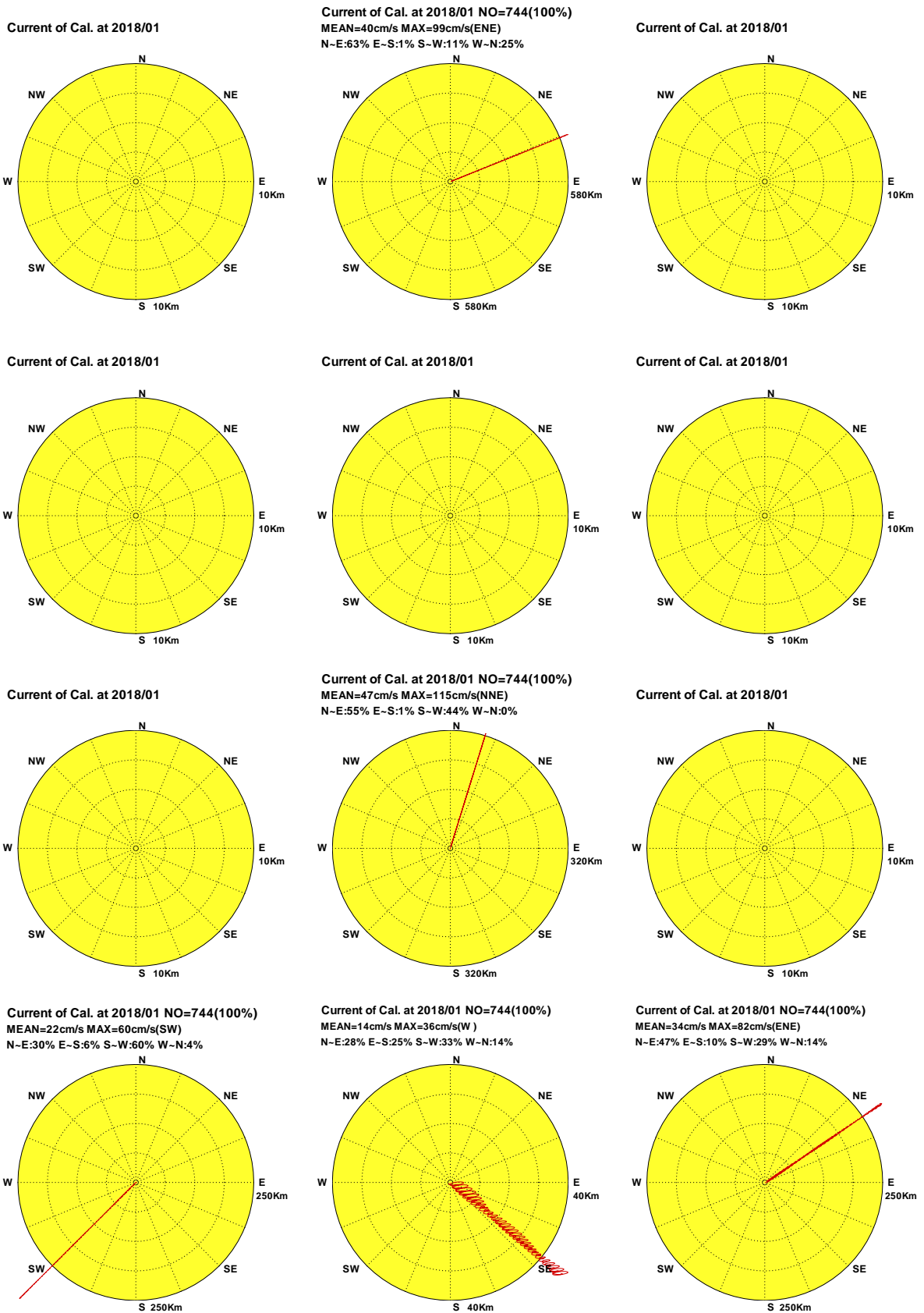


圖10.2c 2018年1月12海域主要測站3計算潮流向量分佈圖

C181TPZ0.1HD C181KLR0.1HD C181SAZ0.1HD C181HLZ0.1HD C181LTR0.1HD C181PNR0.1HD
 C181KH20.1HD C181CNY0.1HD C181TCZ0.1HD C181PHY0.1HD C181KMY0.1HD C181MSY0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current



C181TPZ0.1HD C181KLR0.1HD C181SAZ0.1HD C181HLZ0.1HD C181LTR0.1HD C181PNR0.1HD
 C181KH20.1HD C181CNY0.1HD C181TCZ0.1HD C181PHY0.1HD C181KMY0.1HD C181MSY0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

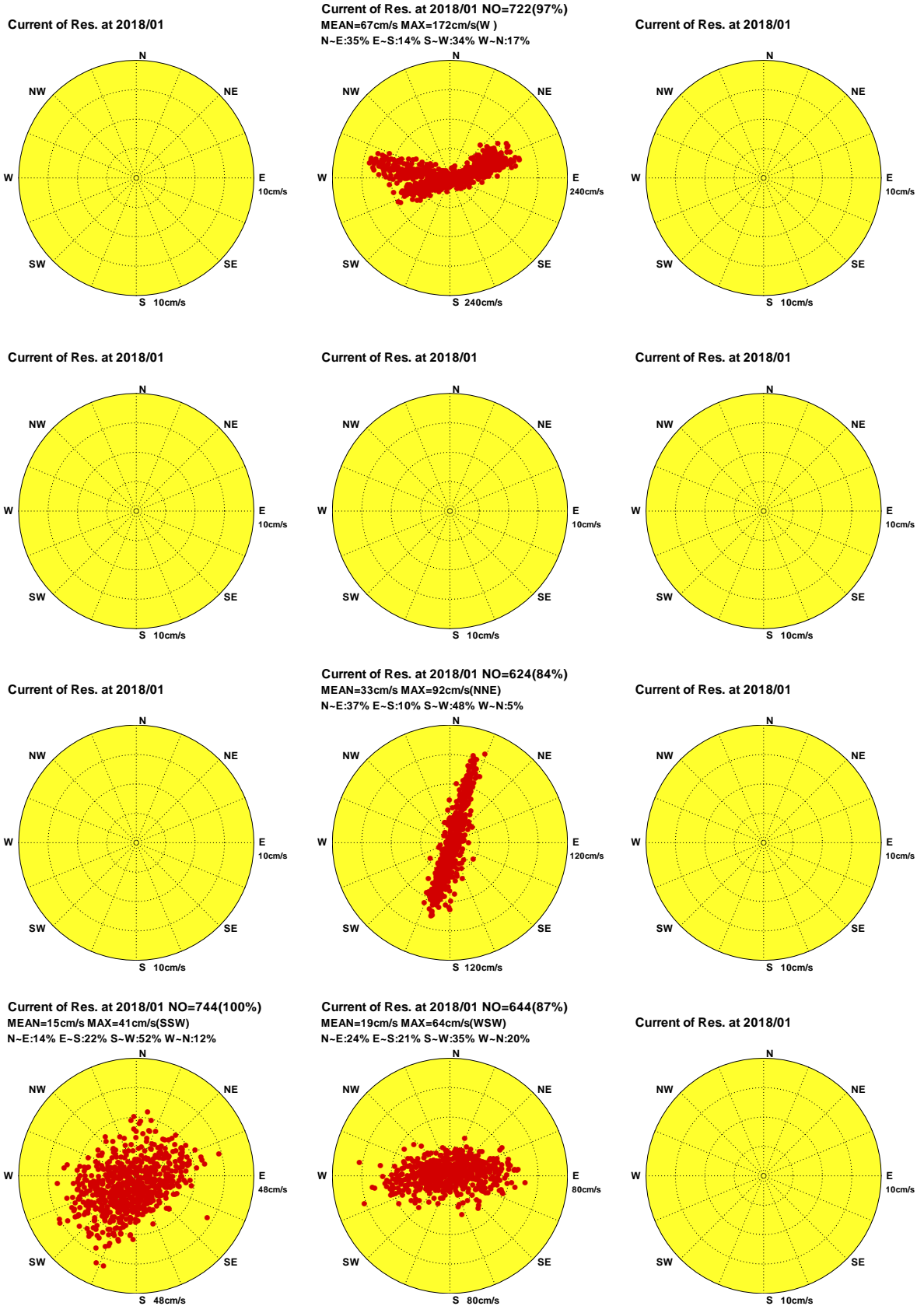


圖10.2e 2018年1月12海域主要測站3計算殘流向量分佈圖

C181TPZ0.1HR C181KLR0.1HR C181SAZ0.1HR C181HLZ0.1HR C181LTR0.1HR C181PNR0.1HR
 C181KH20.1HR C181CNY0.1HR C181TCZ0.1HR C181PHY0.1HR C181KMY0.1HR C181MSY0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

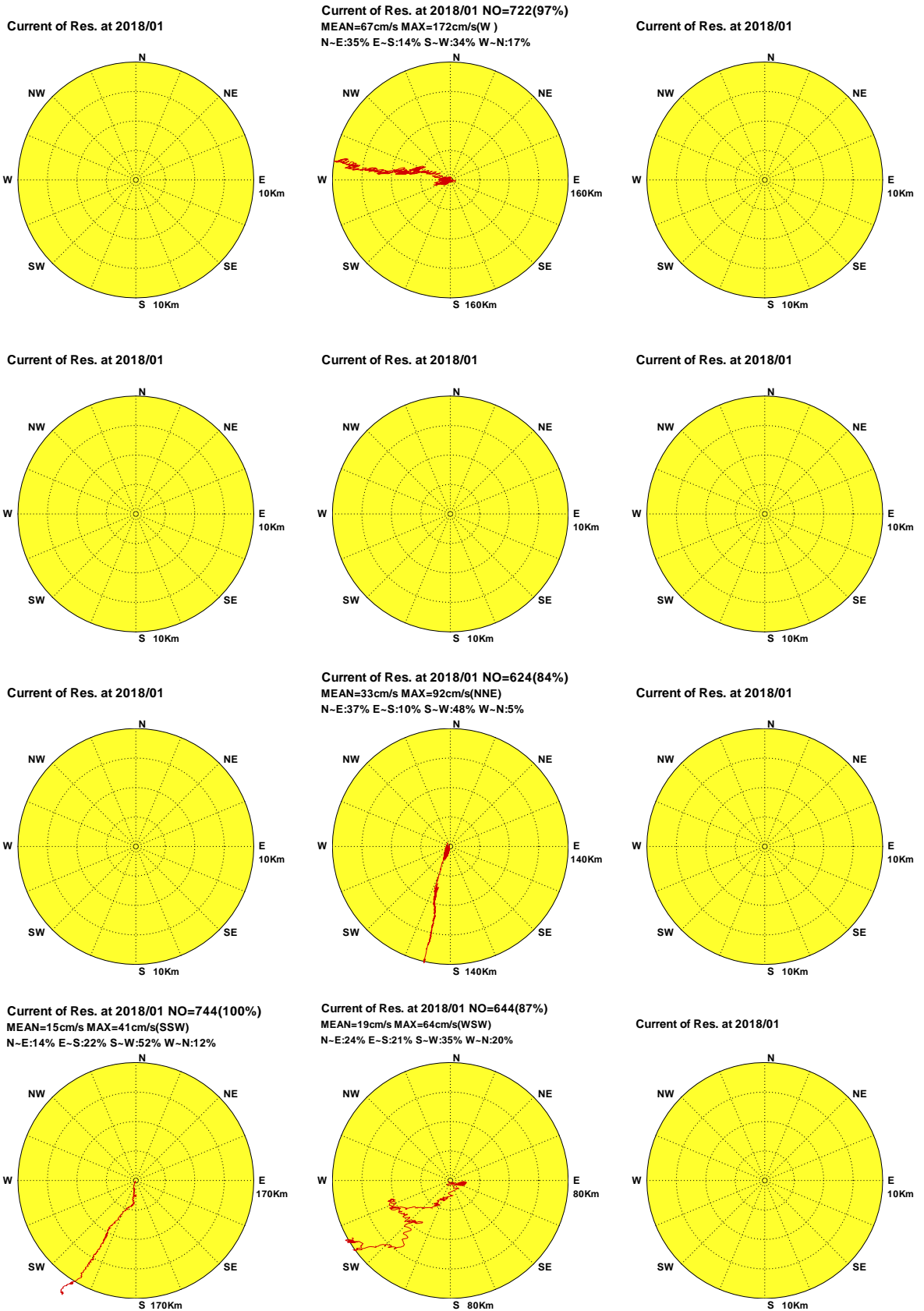


圖10.2f 2018年1月12海域主要測站3計算殘流向量行進圖

C181TPZ0.1HR C181KLR0.1HR C181SAZ0.1HR C181HLZ0.1HR C181LTR0.1HR C181PNR0.1HR
 C181KH20.1HR C181CNY0.1HR C181TCZ0.1HR C181PHY0.1HR C181KMY0.1HR C181MSY0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

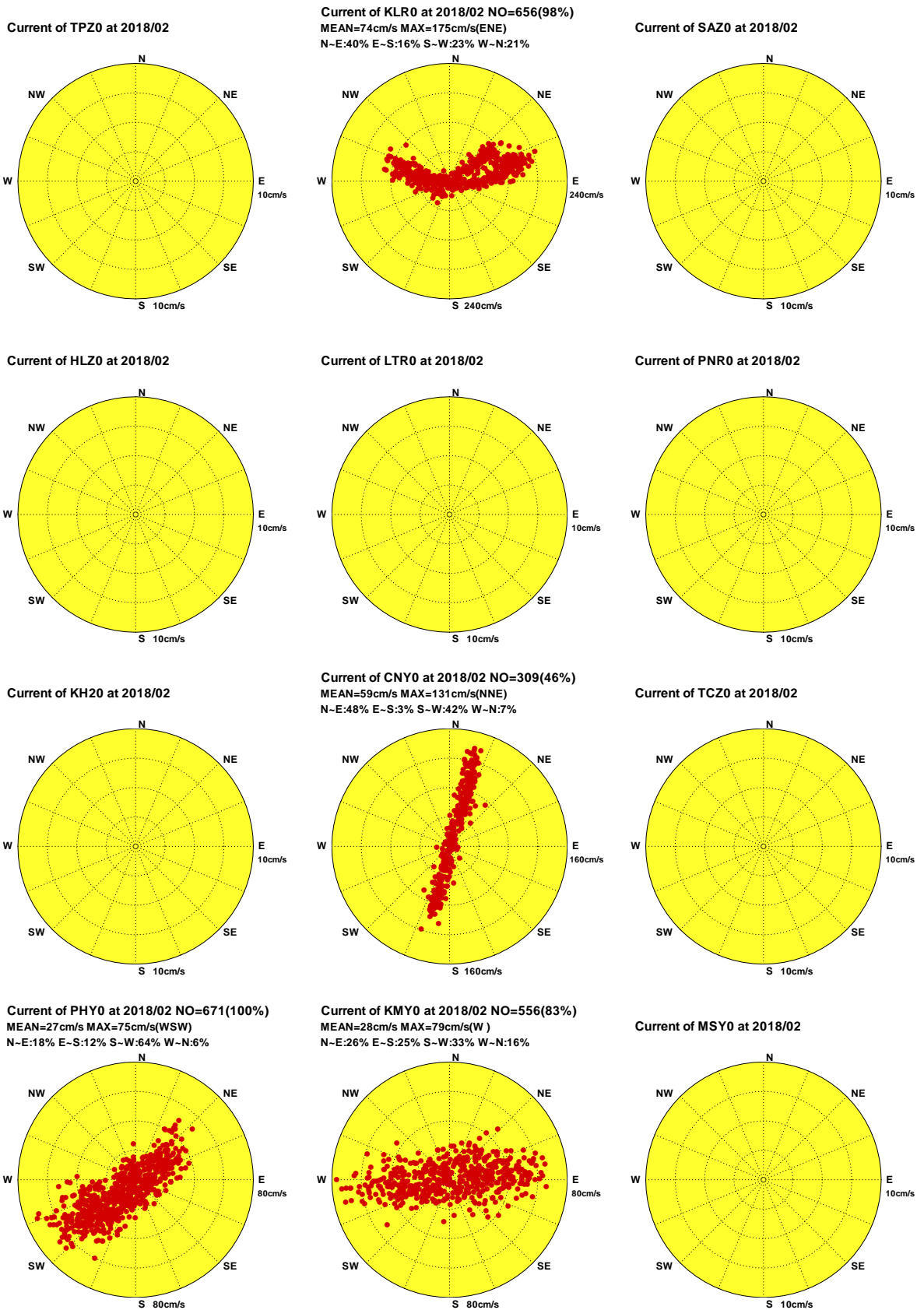


圖10.3a 2018年2月12海域主要測站3觀測海流向量分佈圖

C182TPZ0.1H0 C182KLR0.1H0 C182SAZ0.1H0 C182HLZ0.1H0 C182LTR0.1H0 C182PNR0.1H0
 C182KH20.1H0 C182CNY0.1H0 C182TCZ0.1H0 C182PHY0.1H0 C182KMY0.1H0 C182MSY0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

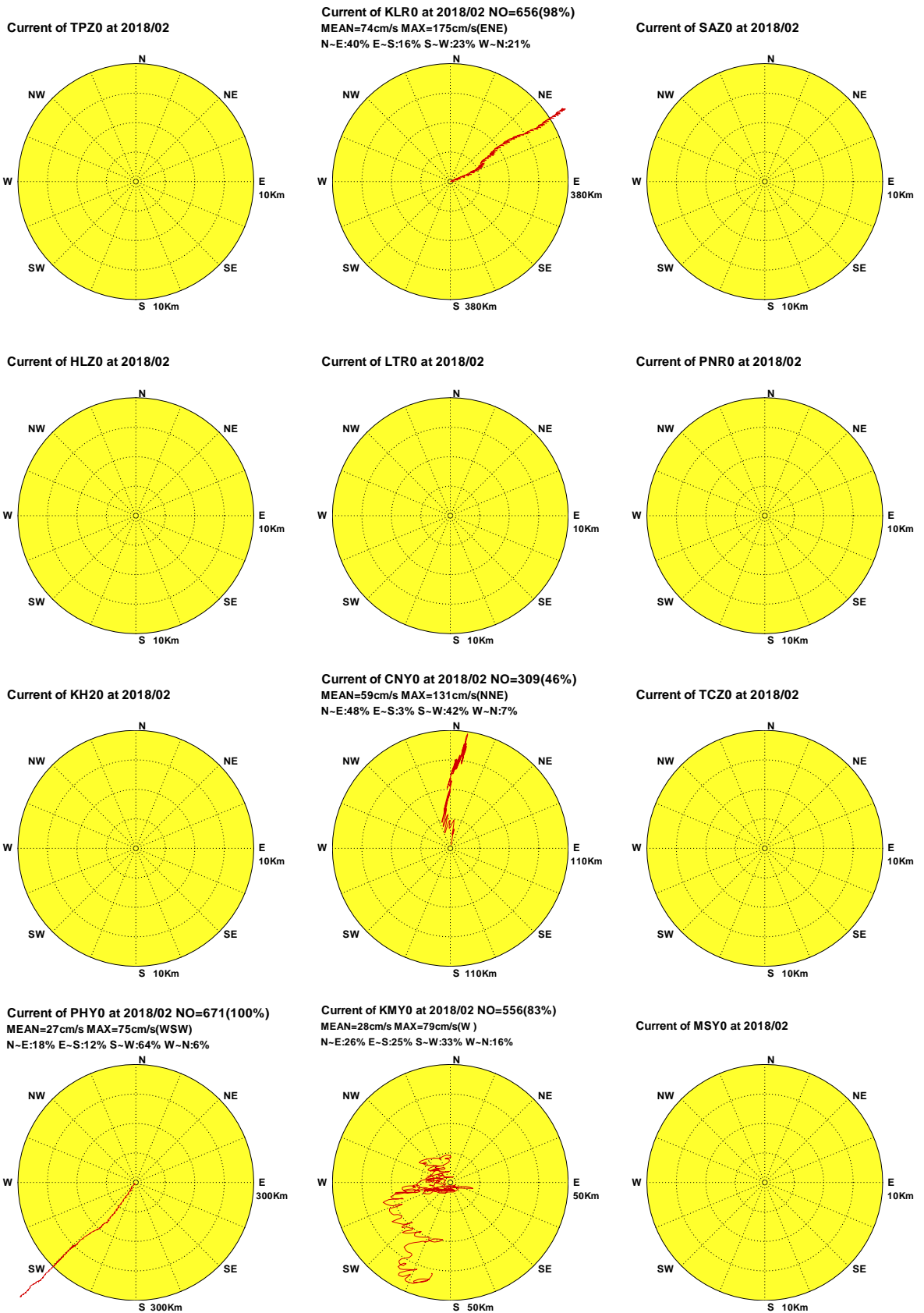


圖10.3b 2018年2月12海域主要測站3觀測海流向量行進圖

C182TPZ0.1H0 C182KLR0.1H0 C182SAZ0.1H0 C182HLZ0.1H0 C182LTR0.1H0 C182PNR0.1H0
 C182KH20.1H0 C182CNY0.1H0 C182TCZ0.1H0 C182PHY0.1H0 C182KMY0.1H0 C182MSY0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

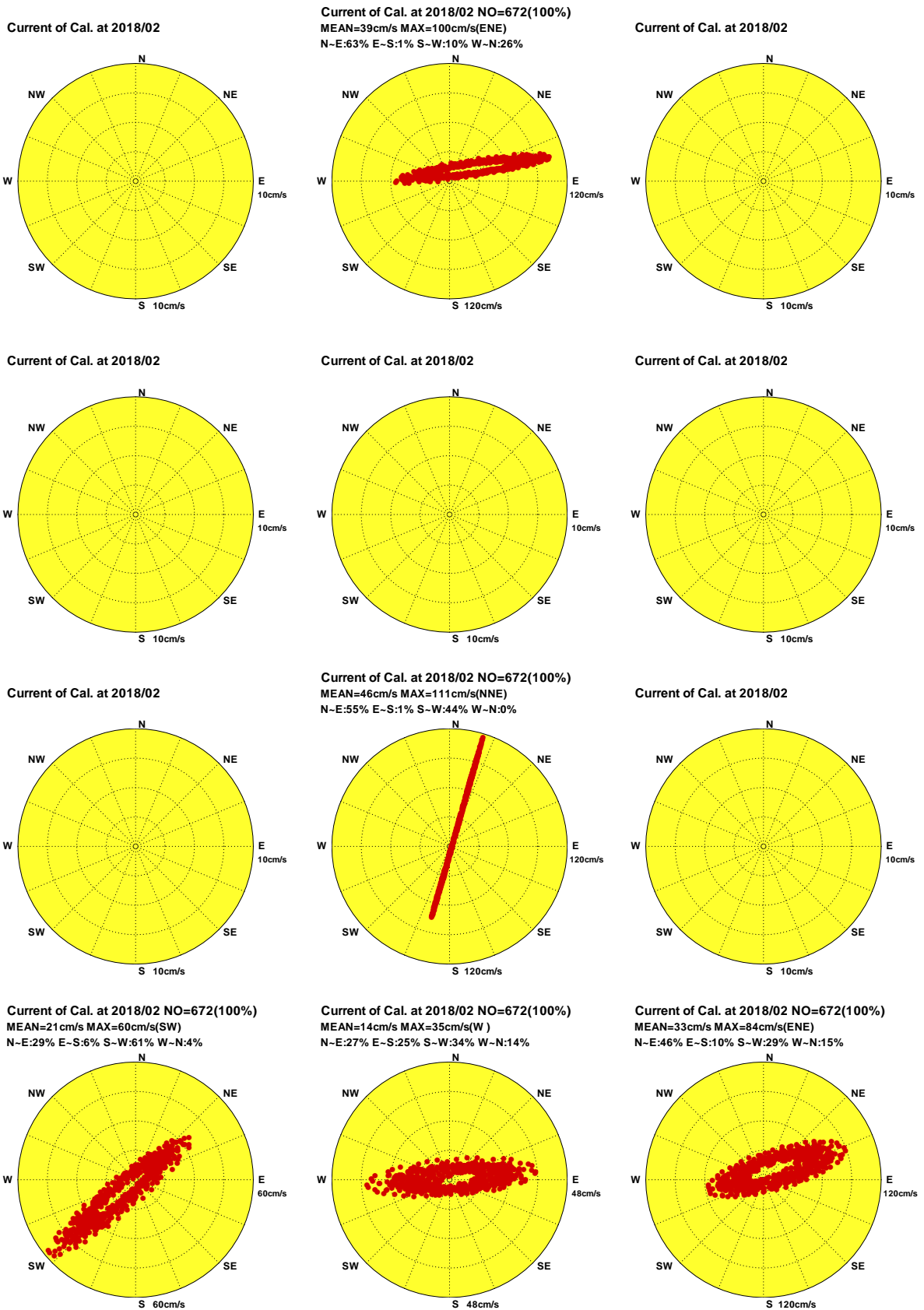


圖10.3c 2018年 2月12海域主要測站3計算潮流向量分佈圖

C182TPZ0.1HD C182KLR0.1HD C182SAZ0.1HD C182HLZ0.1HD C182LTR0.1HD C182PNR0.1HD
C182KH20.1HD C182CNY0.1HD C182TCZ0.1HD C182PHY0.1HD C182KMY0.1HD C182MSY0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

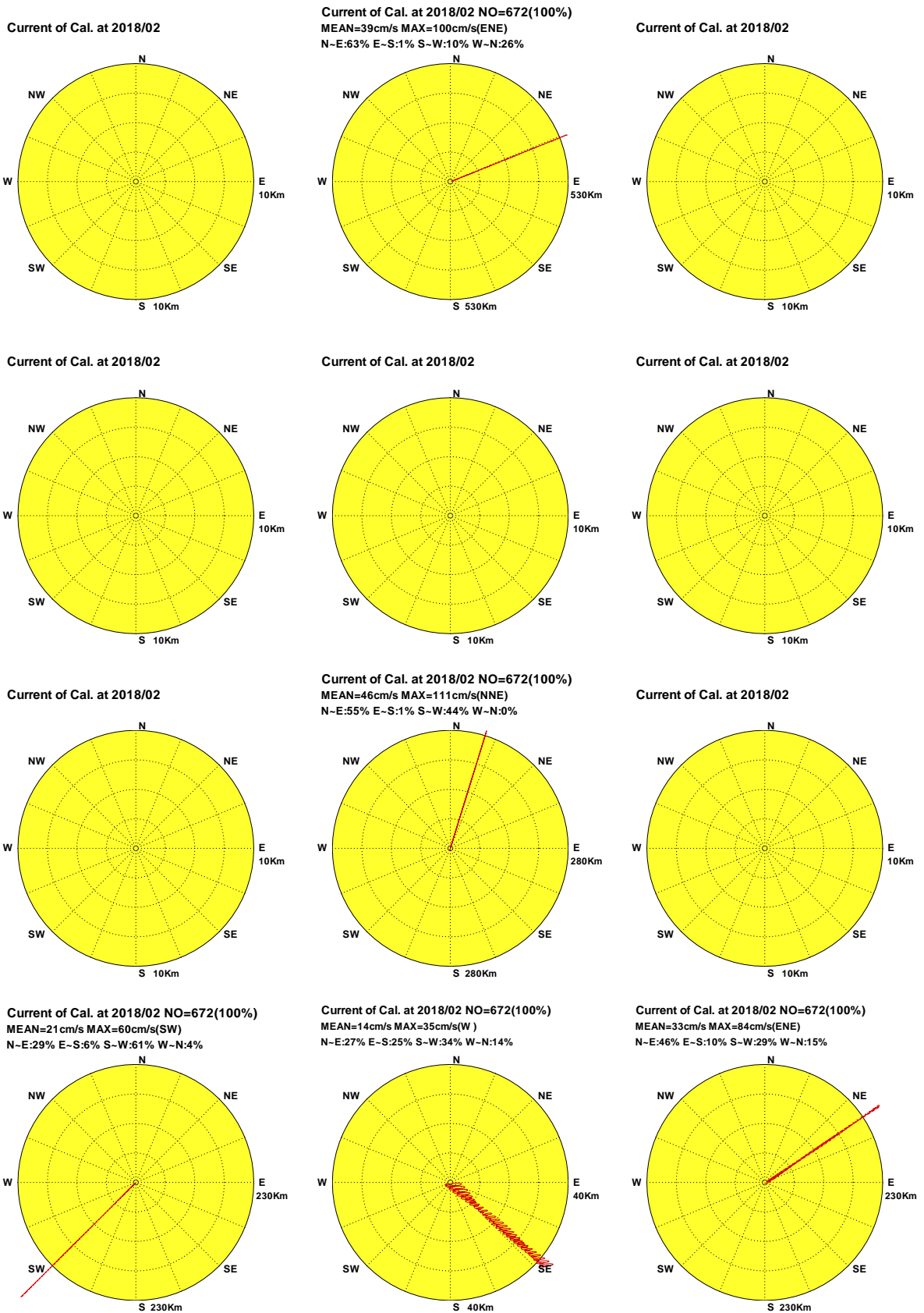


圖10.3d 2018年2月12海域主要測站3計算潮流向量行進圖

C182TPZ0.1HD C182KLR0.1HD C182SAZ0.1HD C182HLZ0.1HD C182LTR0.1HD C182PNR0.1HD
 C182KH20.1HD C182CNY0.1HD C182TCZ0.1HD C182PHY0.1HD C182KMY0.1HD C182MSY0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

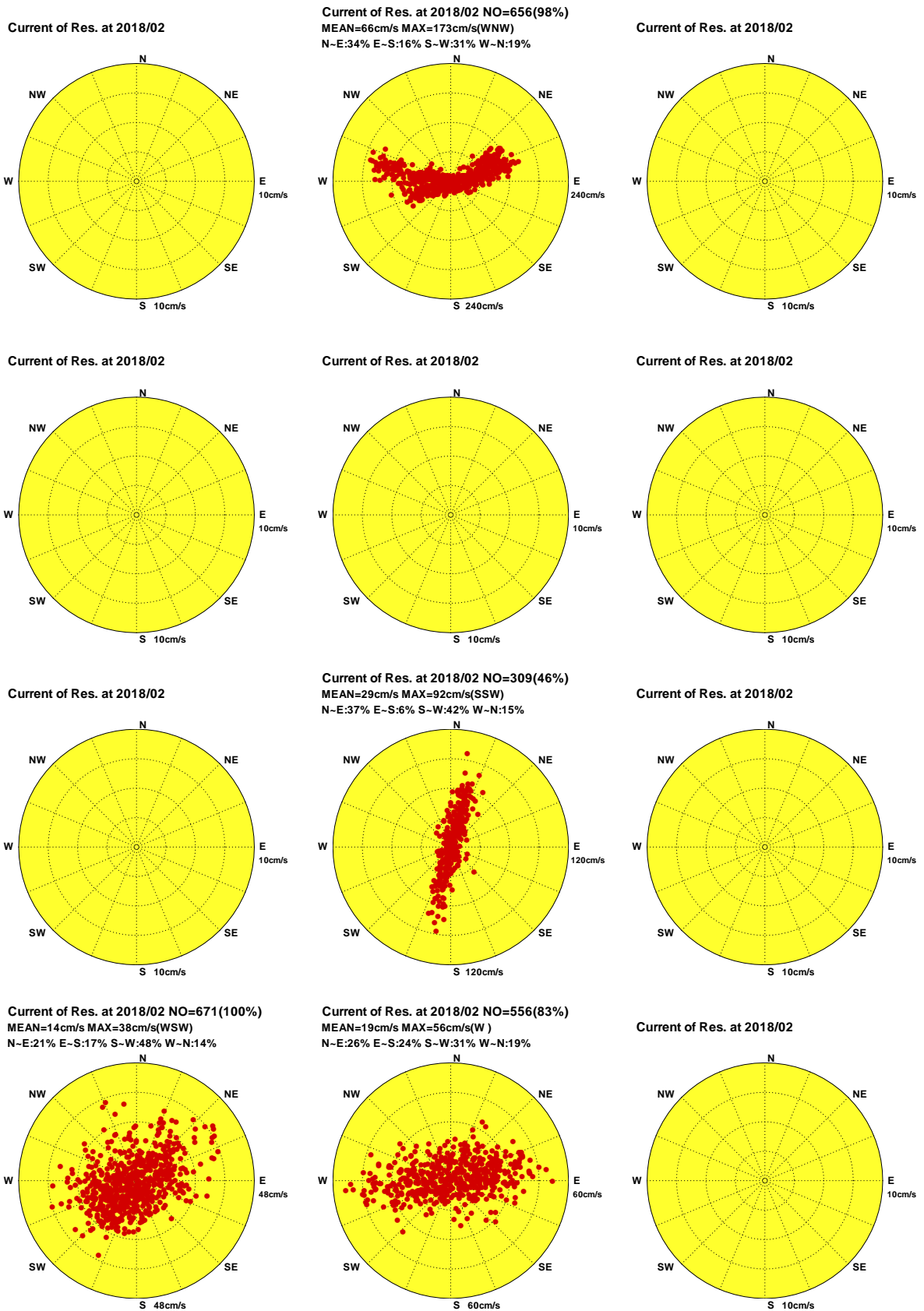


圖10.3e 2018年2月12海域主要測站3計算殘流向量分佈圖

C182TPZ0.1HR C182KLR0.1HR C182SAZ0.1HR C182HLZ0.1HR C182LTR0.1HR C182PNR0.1HR
 C182KH20.1HR C182CNY0.1HR C182TCZ0.1HR C182PHY0.1HR C182KMY0.1HR C182MSY0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

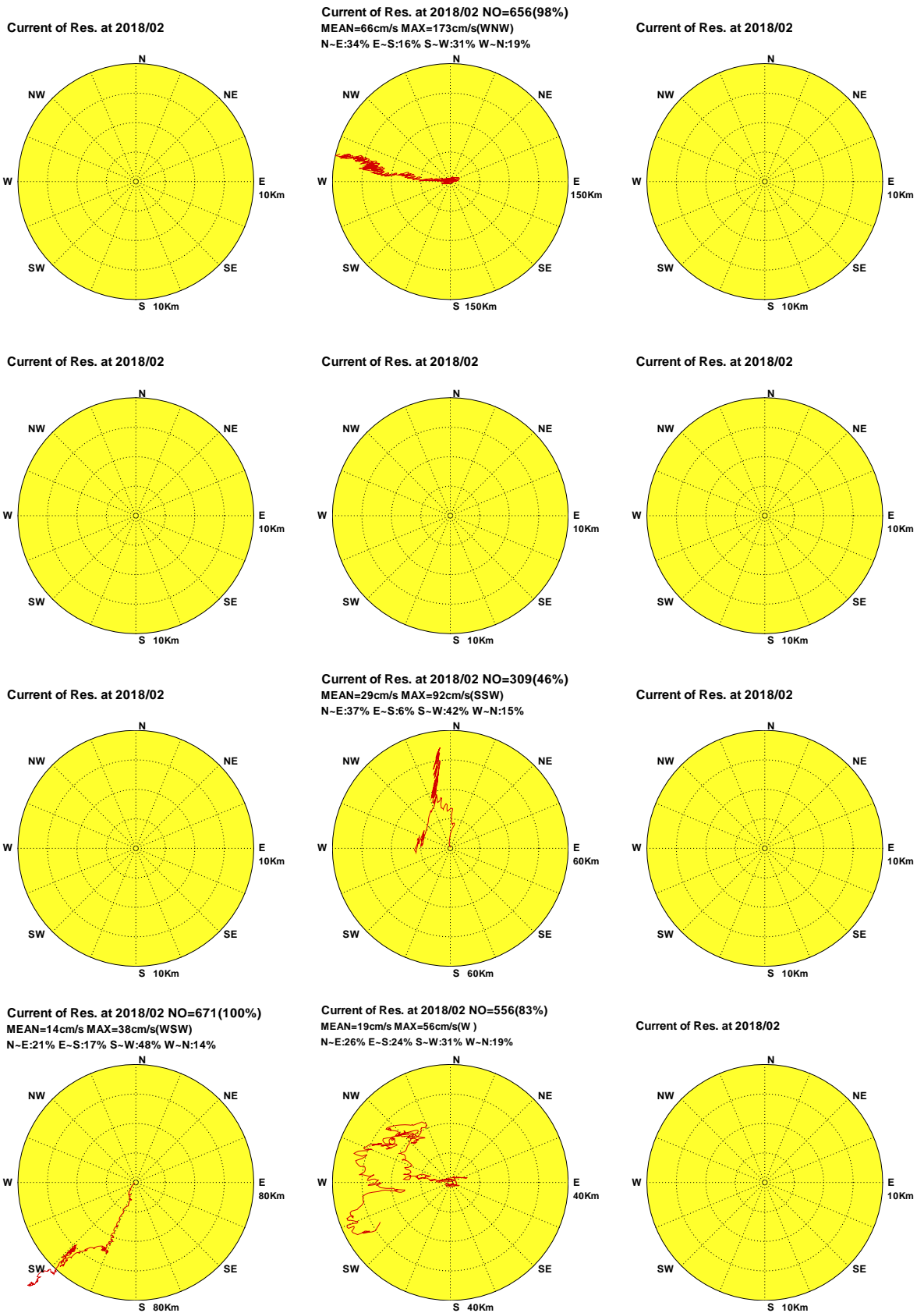


圖10.3f 2018年2月12海域主要測站3計算殘流向量行進圖

C182TPZ0.1HR C182KLR0.1HR C182SAZ0.1HR C182HLZ0.1HR C182LTR0.1HR C182PNR0.1HR
 C182KH20.1HR C182CNY0.1HR C182TCZ0.1HR C182PHY0.1HR C182KMY0.1HR C182MSY0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

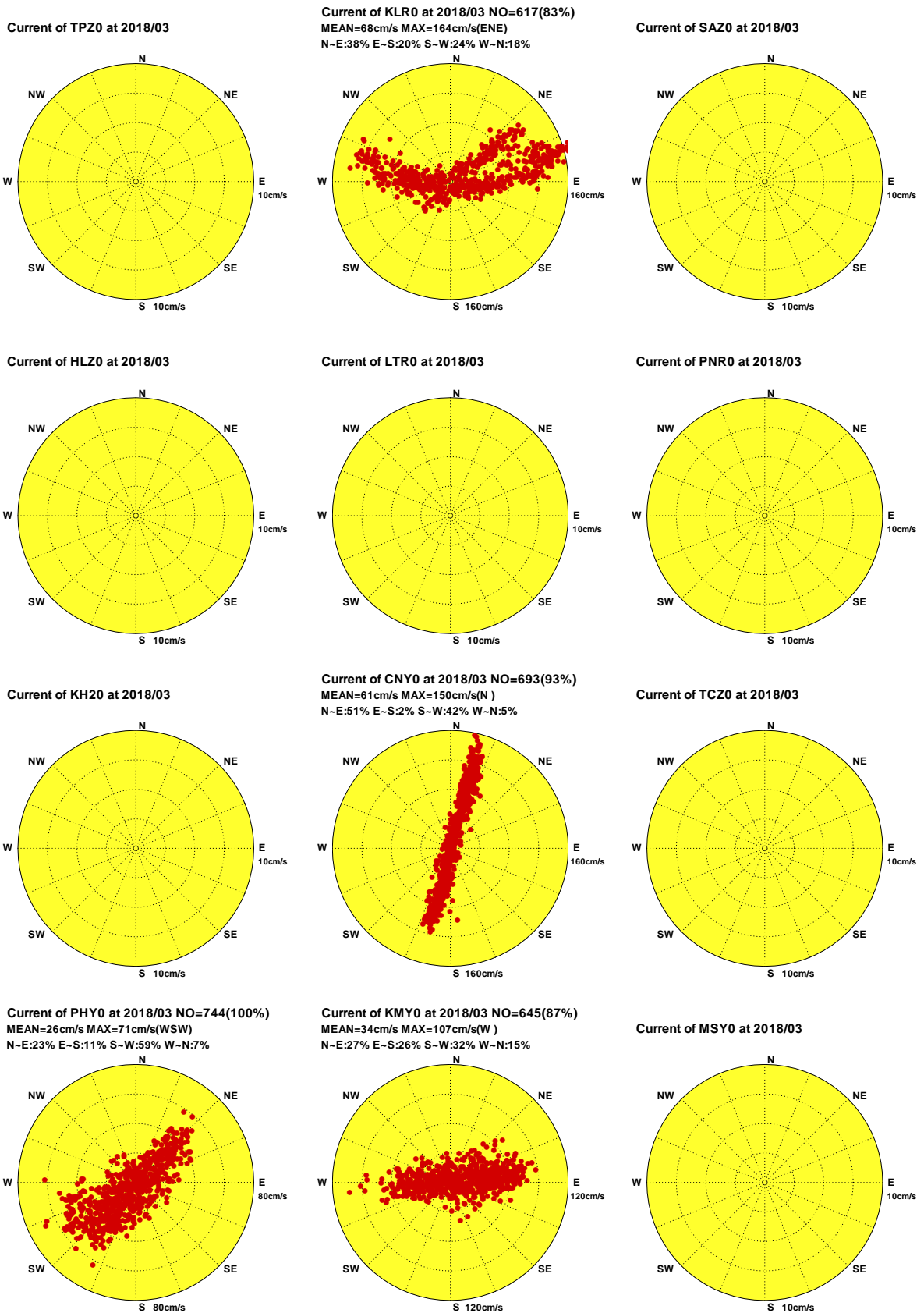


圖10.4a 2018年3月12海域主要測站3觀測海流向量分佈圖

C183TPZ0.1H0 C183KLR0.1H0 C183SAZ0.1H0 C183HLZ0.1H0 C183LTR0.1H0 C183PNR0.1H0
 C183KH20.1H0 C183CNY0.1H0 C183TCZ0.1H0 C183PHY0.1H0 C183KMY0.1H0 C183MSY0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

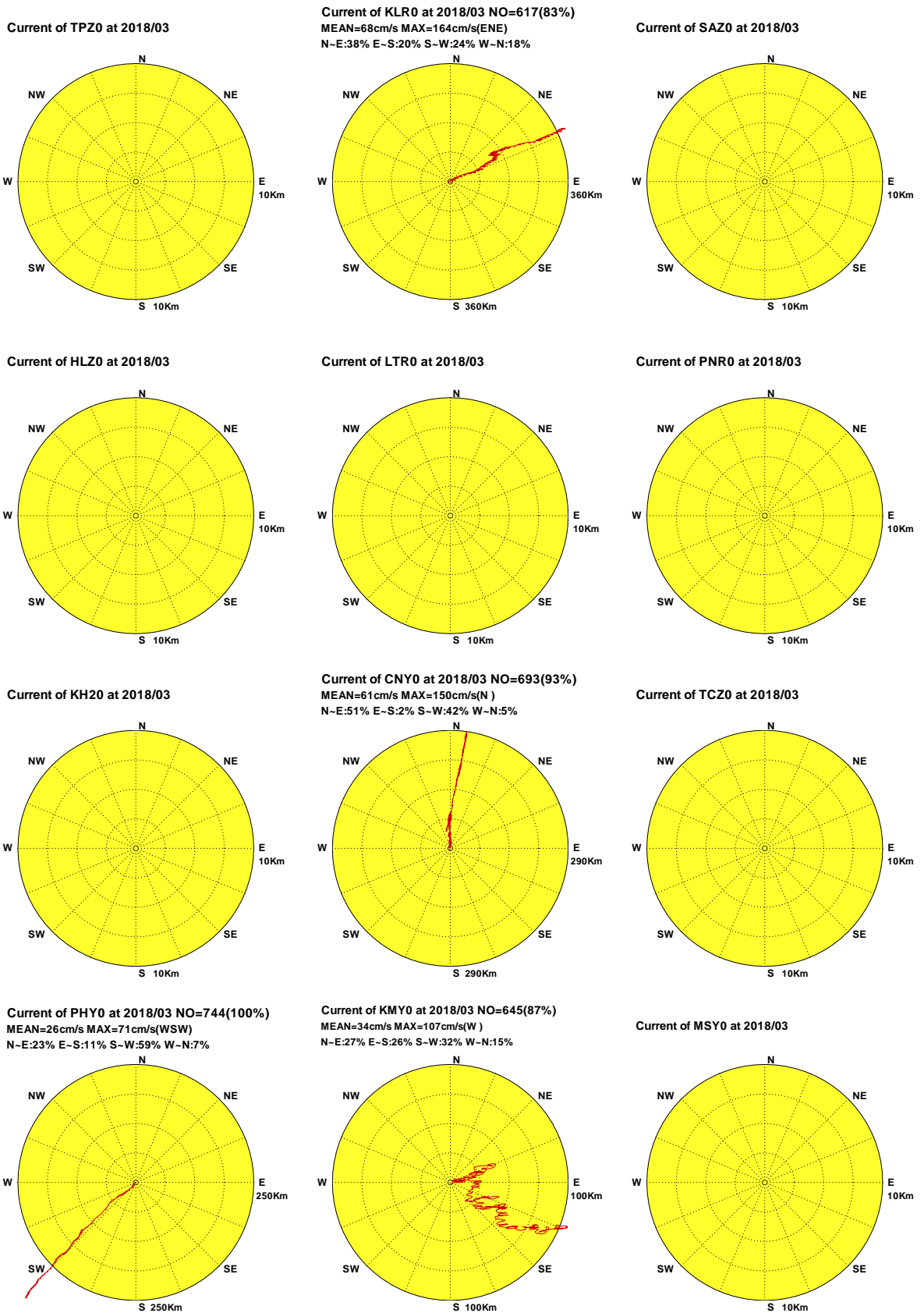


圖10.4b 2018年3月12海域主要測站3觀測海流向量行進圖

C183TPZ0.1H0 C183KLR0.1H0 C183SAZ0.1H0 C183HLZ0.1H0 C183LTR0.1H0 C183PNR0.1H0
 C183KH20.1H0 C183CNY0.1H0 C183TCZ0.1H0 C183PHY0.1H0 C183KMY0.1H0 C183MSY0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

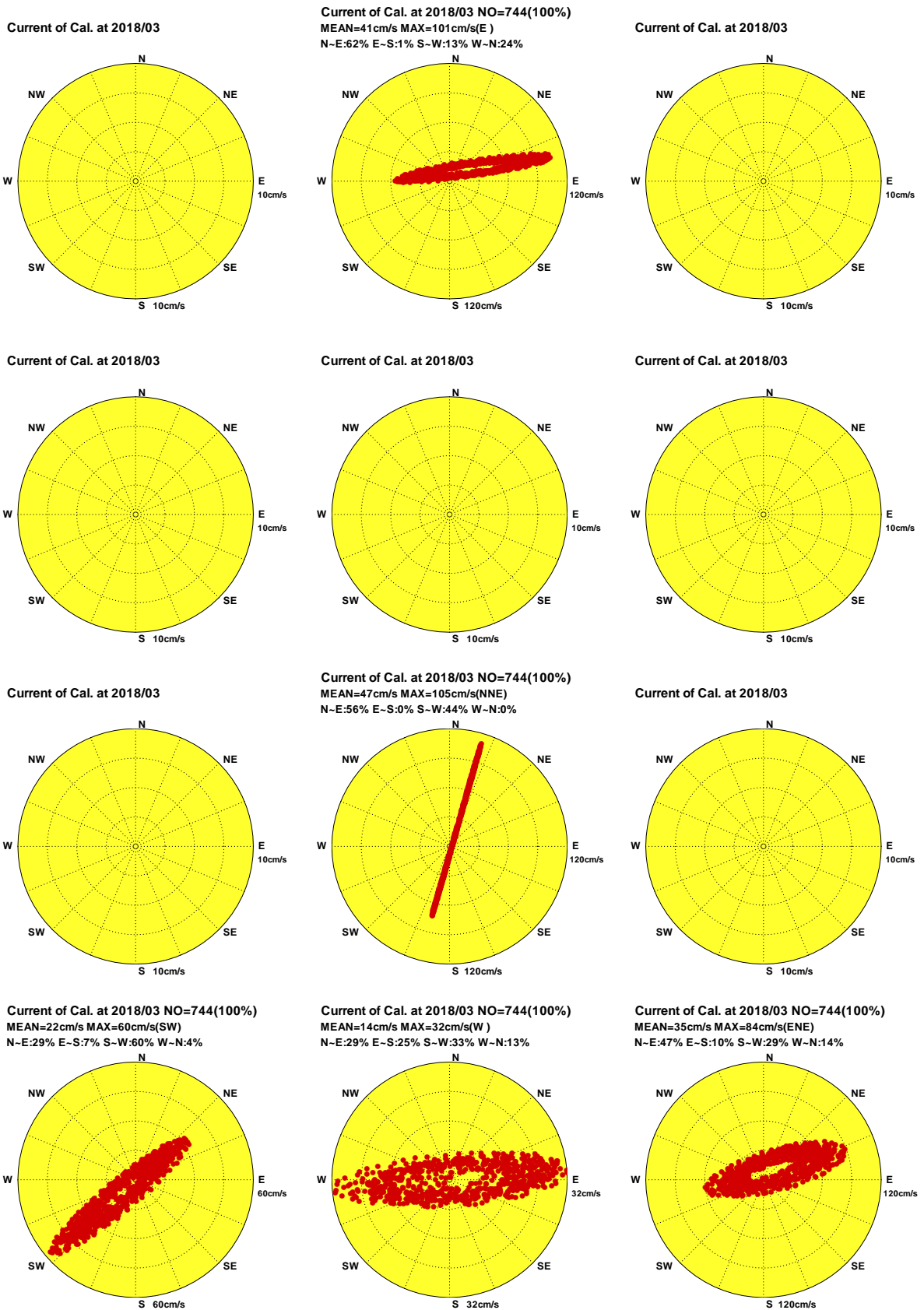


圖10.4c 2018年3月12海域主要測站3計算潮流向量分佈圖

C183TPZ0.1HD C183KLR0.1HD C183SAZ0.1HD C183HLZ0.1HD C183LTR0.1HD C183PNR0.1HD
C183KH20.1HD C183CNY0.1HD C183TCZ0.1HD C183PHY0.1HD C183KMY0.1HD C183MSY0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

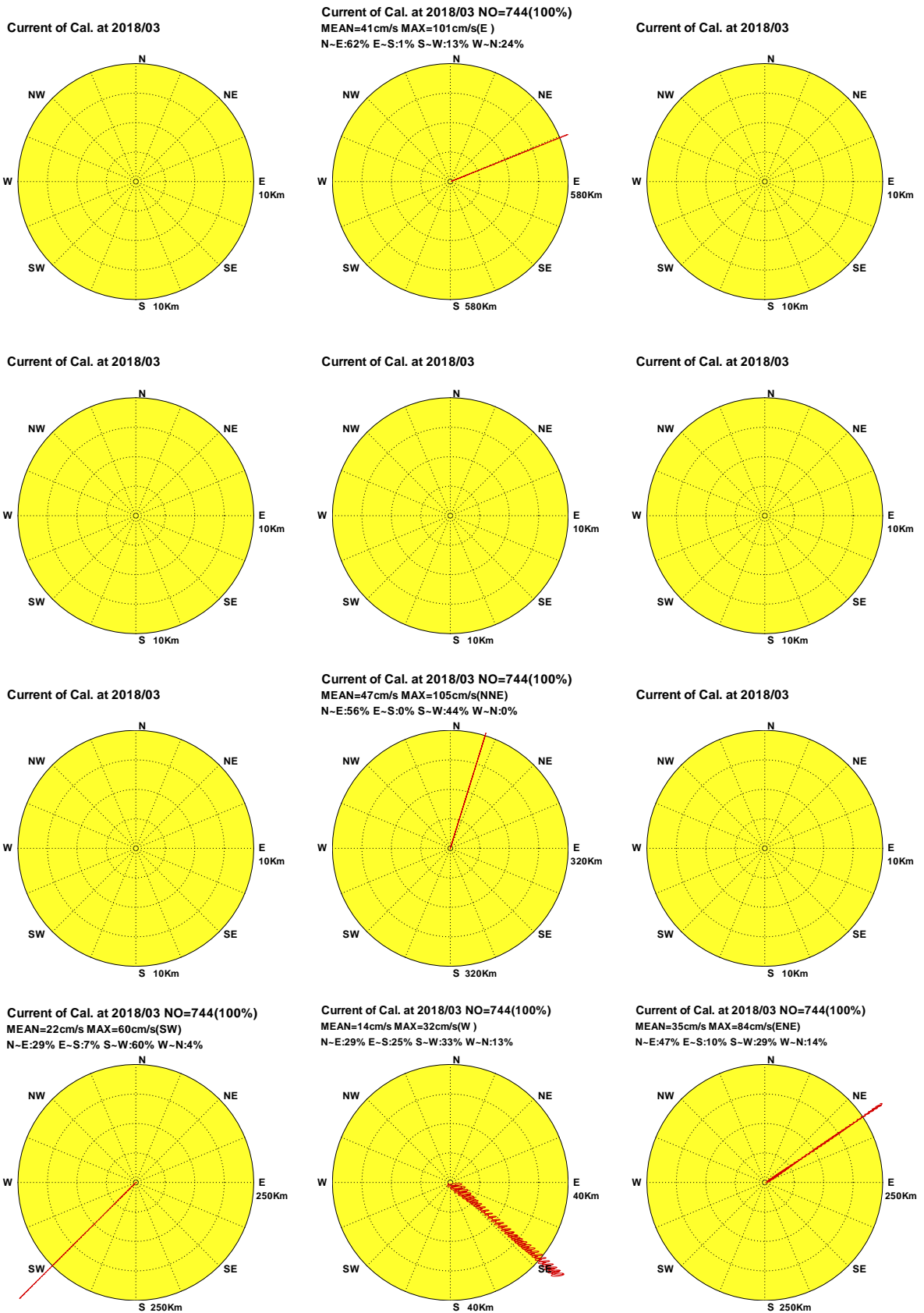


圖10.4d 2018年3月12海域主要測站3計算潮流向量行進圖

C183TPZ0.1HD C183KLR0.1HD C183SAZ0.1HD C183HLZ0.1HD C183LTR0.1HD C183PNR0.1HD
 C183KH20.1HD C183CNY0.1HD C183TCZ0.1HD C183PHY0.1HD C183KMY0.1HD C183MSY0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

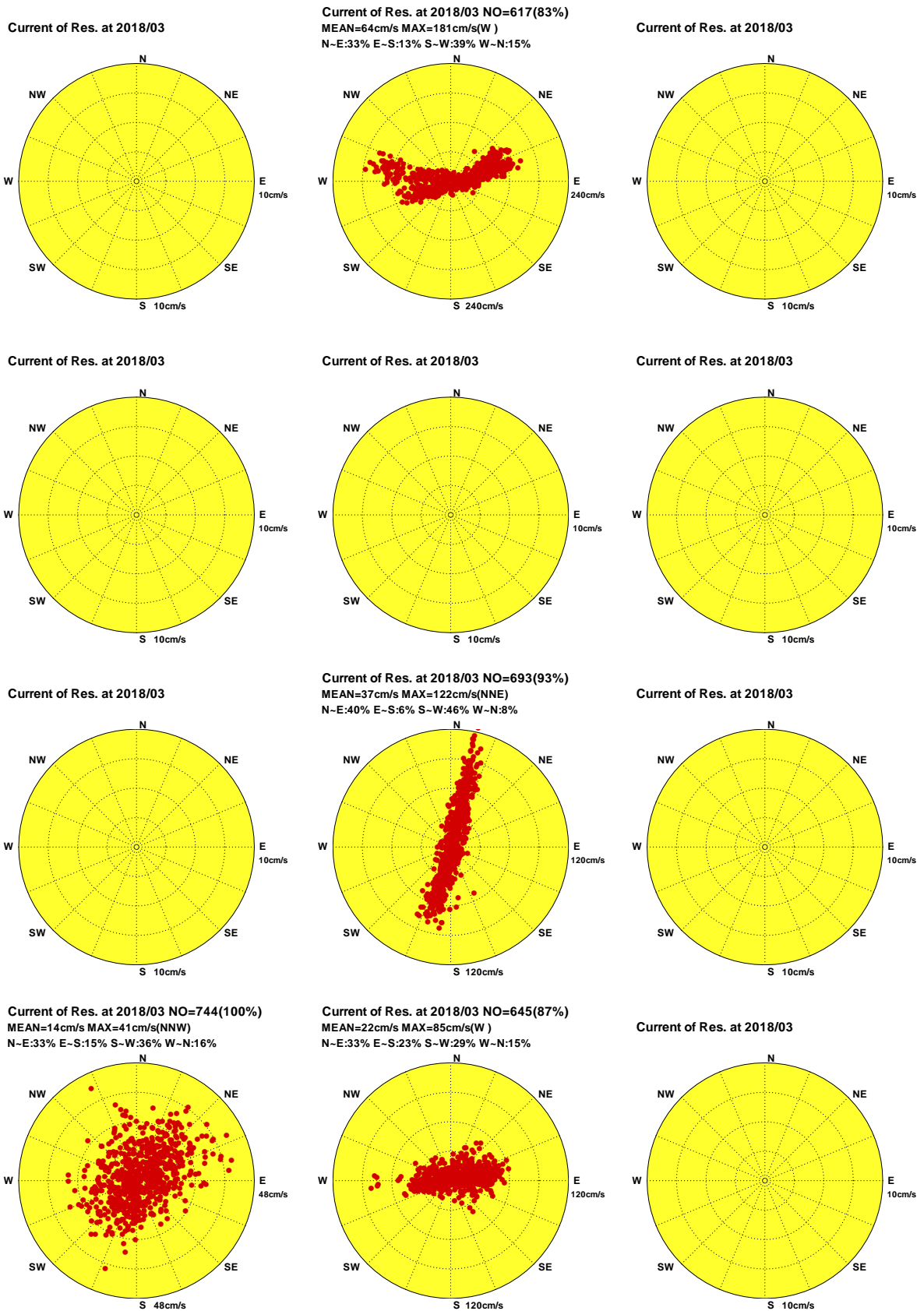


圖10.4e 2018年3月12海域主要測站3計算殘流向量分佈圖

C183TPZ0.1HR C183KLR0.1HR C183SAZ0.1HR C183HLZ0.1HR C183LTR0.1HR C183PNR0.1HR
 C183KH20.1HR C183CNY0.1HR C183TCZ0.1HR C183PHY0.1HR C183KMY0.1HR C183MSY0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

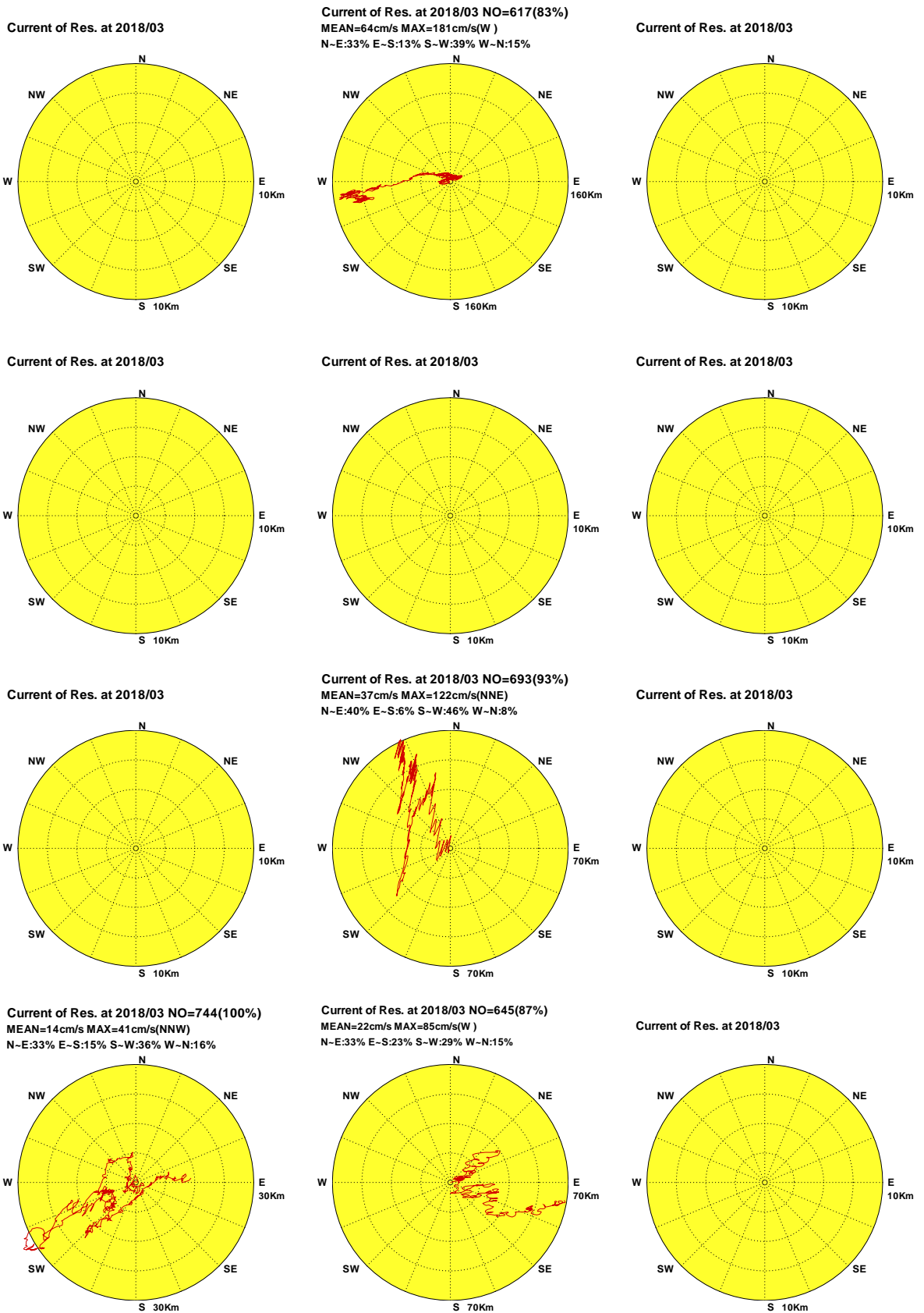


圖10.4f 2018年3月12海域主要測站3計算殘流向量行進圖

C183TPZ0.1HR C183KLR0.1HR C183SAZ0.1HR C183HLZ0.1HR C183LTR0.1HR C183PNR0.1HR
C183KH20.1HR C183CNY0.1HR C183TCZ0.1HR C183PHY0.1HR C183KMY0.1HR C183MSY0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

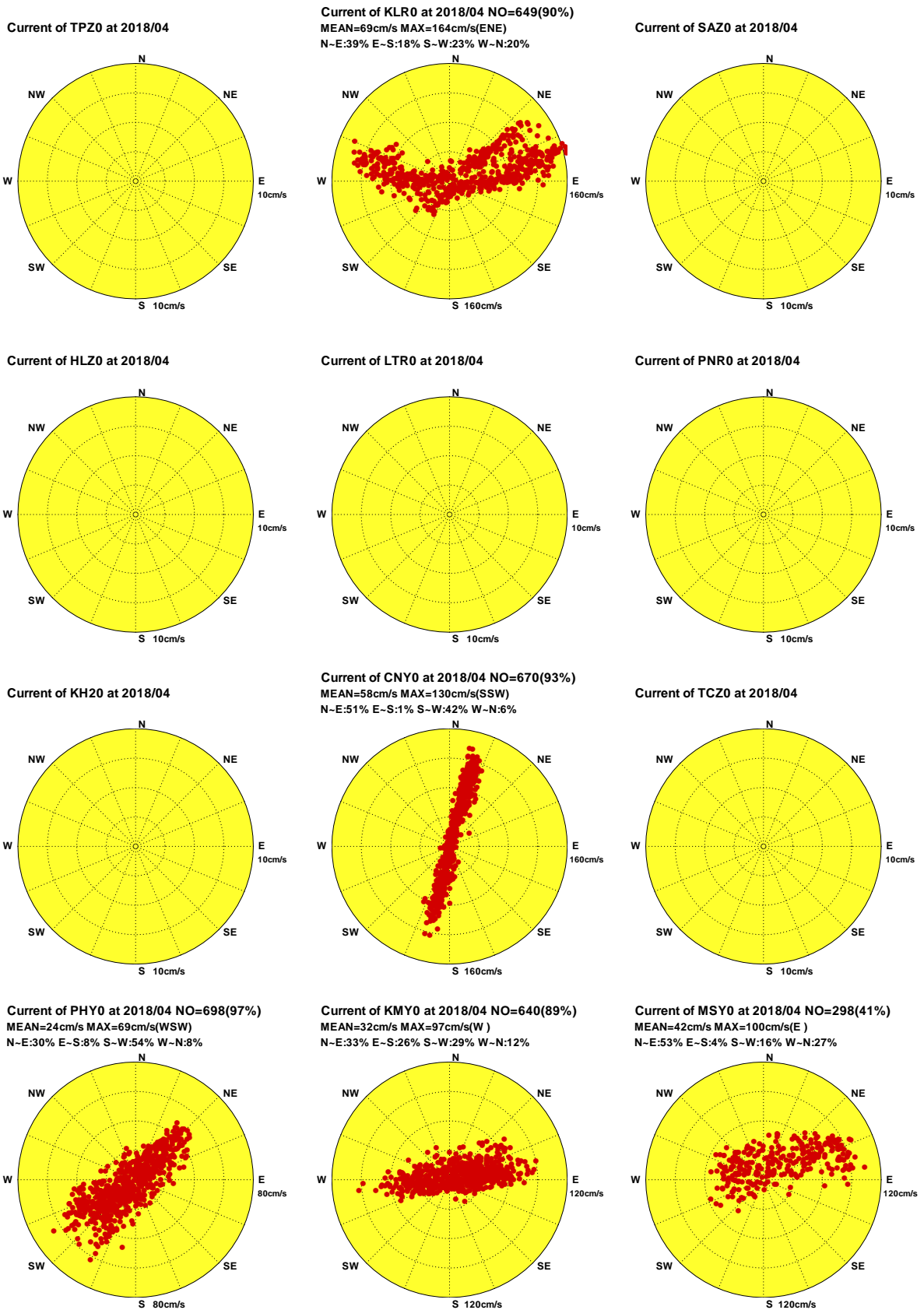


圖10.5a 2018年4月12海域主要測站3觀測海流向量分佈圖

C184TPZ0.1H0 C184KLR0.1H0 C184SAZ0.1H0 C184HLZ0.1H0 C184LTR0.1H0 C184PNR0.1H0
C184KH20.1H0 C184CNY0.1H0 C184TCZ0.1H0 C184PHY0.1H0 C184KMY0.1H0 C184MSY0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

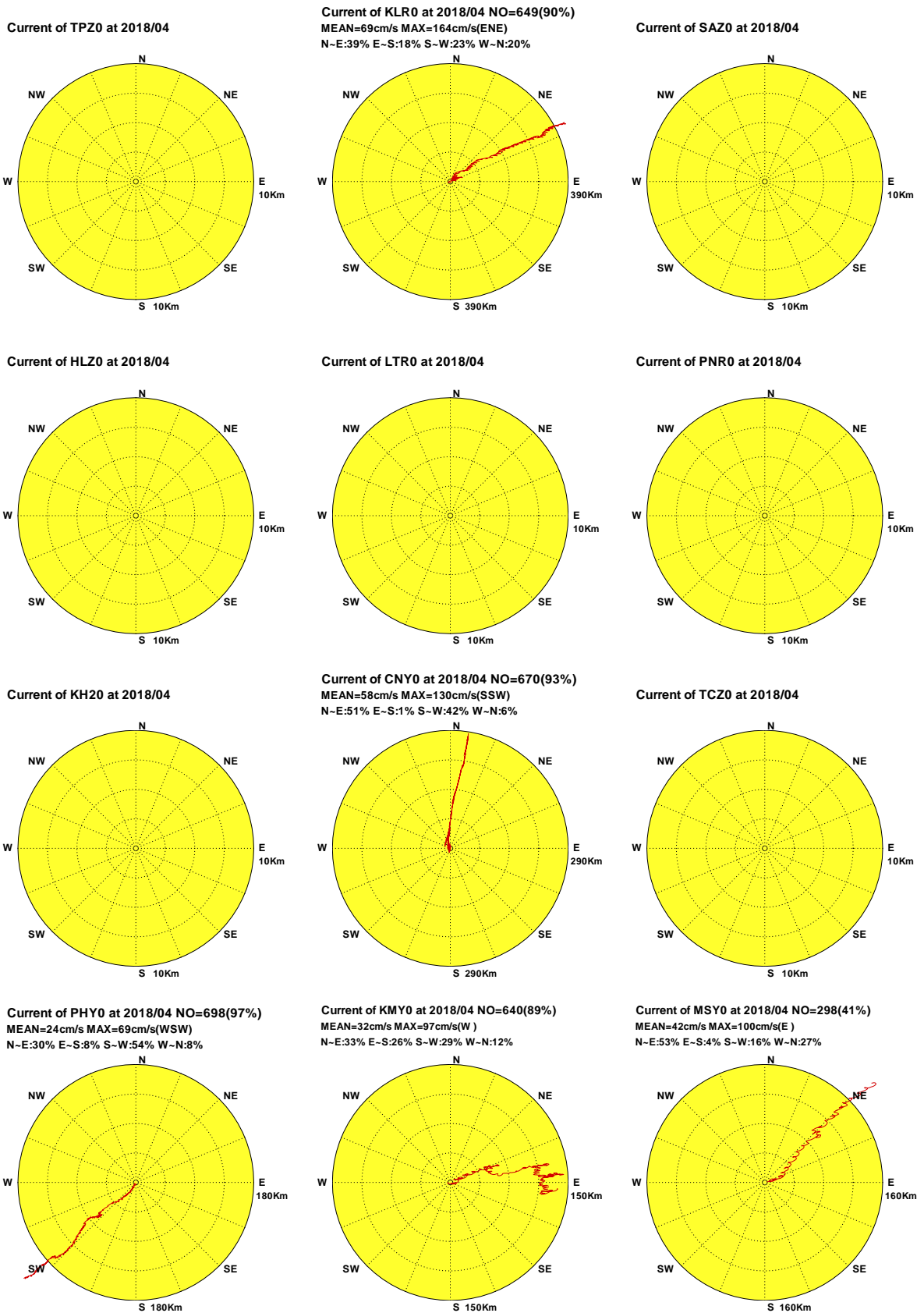


圖10.5b 2018年4月12海域主要測站3觀測海流向量行進圖

C184TPZ0.1H0 C184KLR0.1H0 C184SAZ0.1H0 C184HLZ0.1H0 C184LTR0.1H0 C184PNR0.1H0
 C184KH20.1H0 C184CNY0.1H0 C184TCZ0.1H0 C184PHY0.1H0 C184KMY0.1H0 C184MSY0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

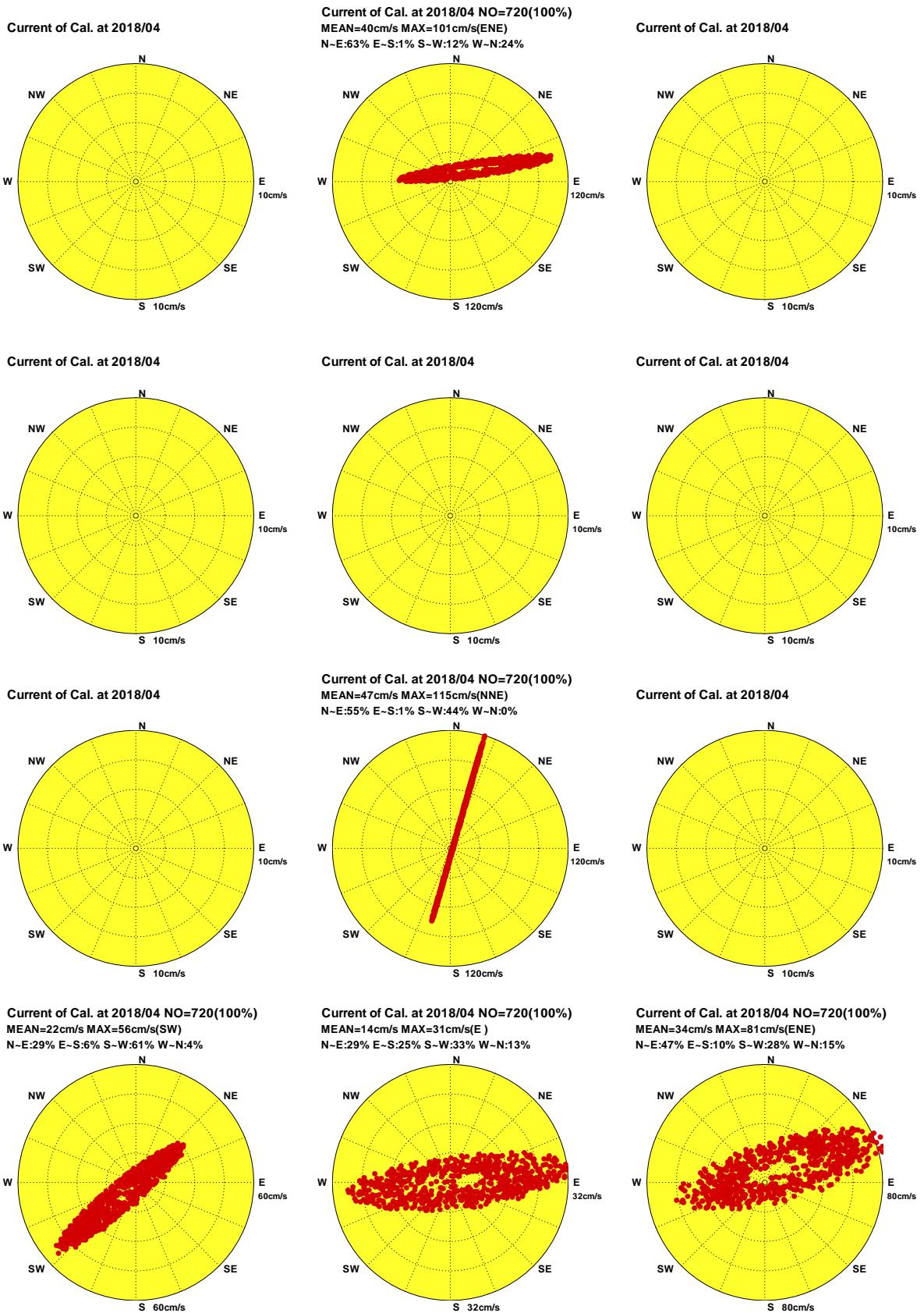
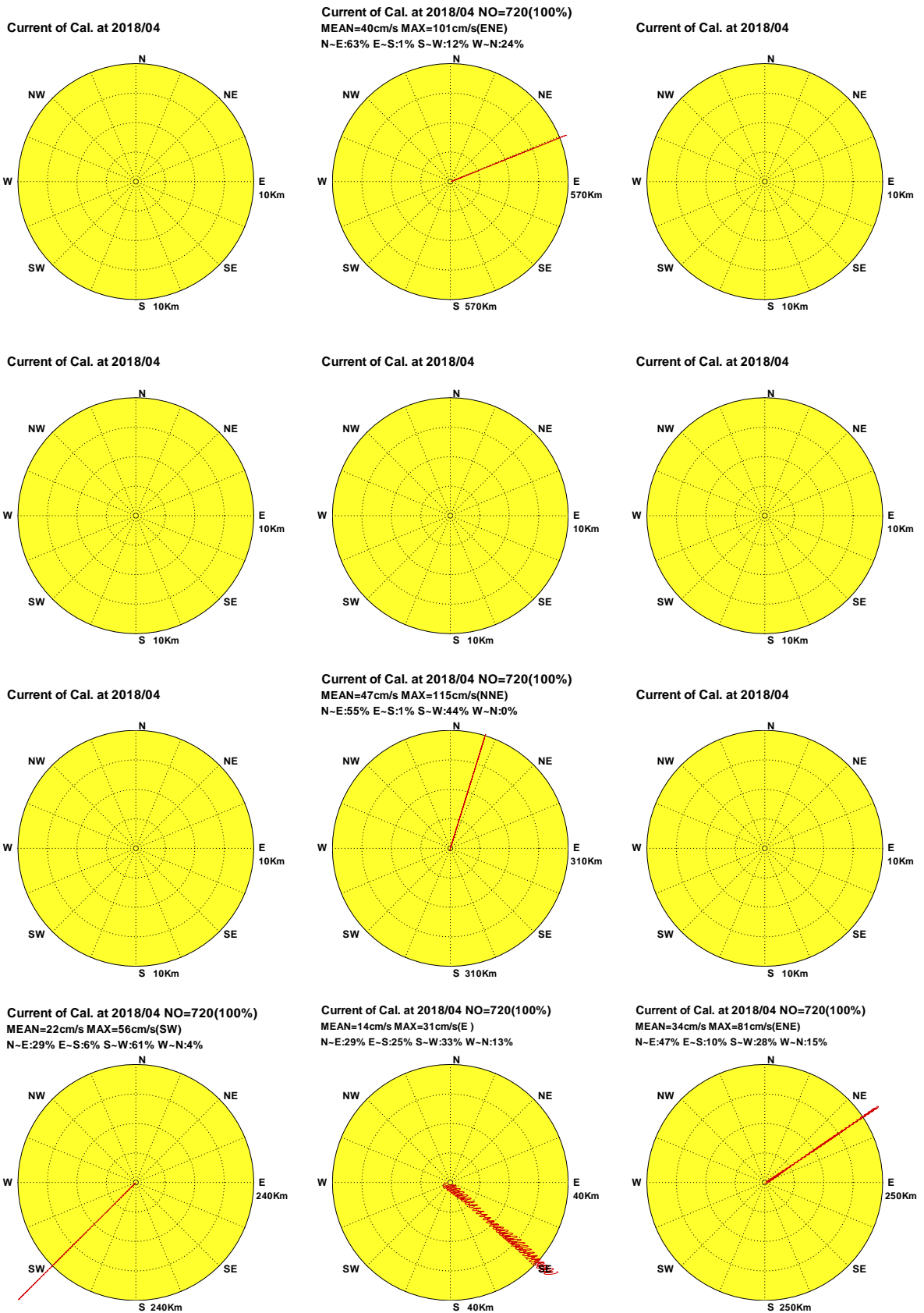


圖10.5c 2018年4月12海域主要測站3計算潮流向量分佈圖

C184TPZ0.1HD C184KLR0.1HD C184SAZ0.1HD C184HLZ0.1HD C184LTR0.1HD C184PNR0.1HD
 C184KH20.1HD C184CNY0.1HD C184TCZ0.1HD C184PHY0.1HD C184KMY0.1HD C184MSY0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current



C184TPZ0.1HD C184KLR0.1HD C184SAZ0.1HD C184HLZ0.1HD C184LTR0.1HD C184PNR0.1HD
 C184KH20.1HD C184CNY0.1HD C184TCZ0.1HD C184PHY0.1HD C184KMY0.1HD C184MSY0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

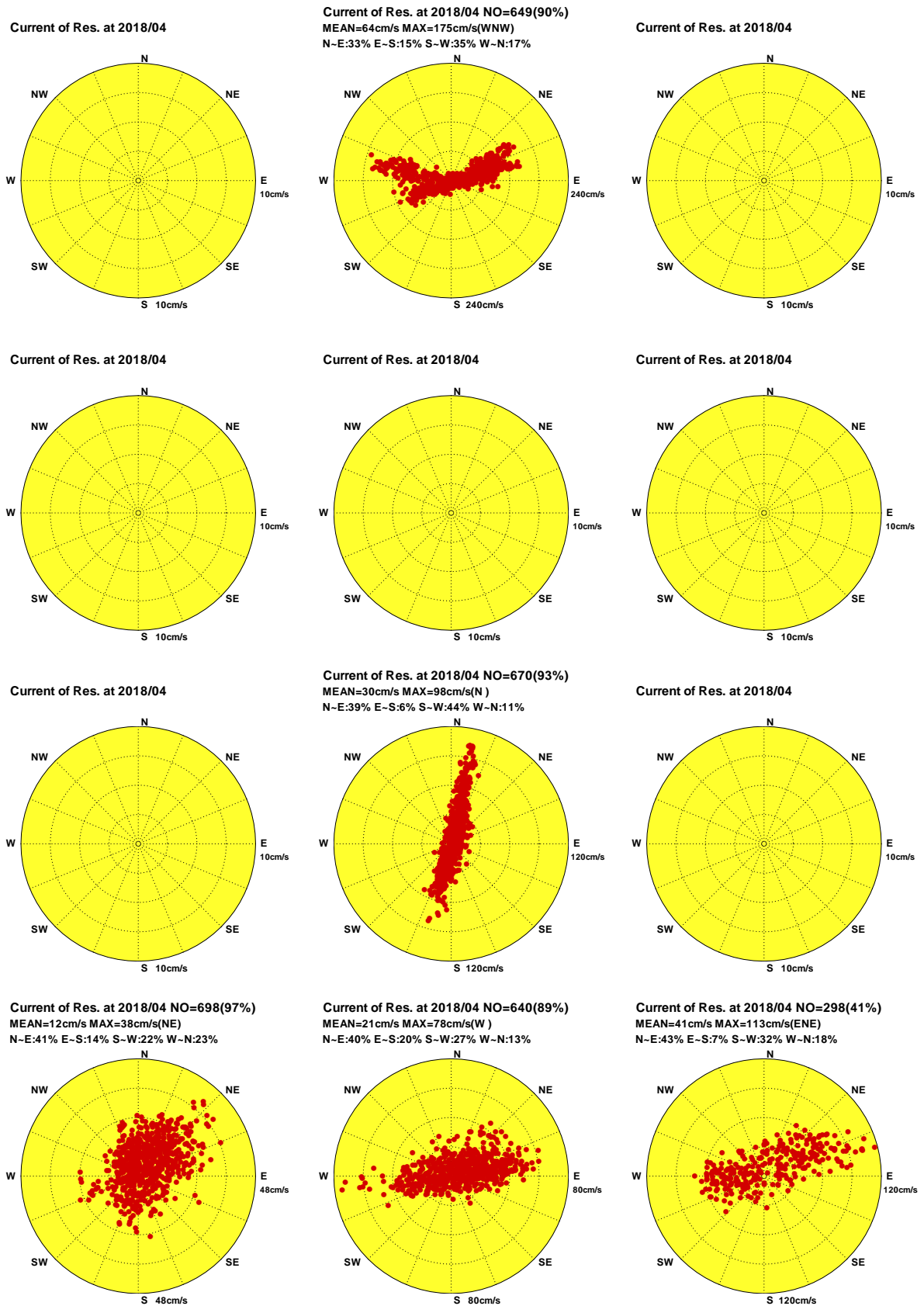


圖10.5e 2018年4月12海域主要測站3計算殘流向量分佈圖

C184TPZ0.1HR C184KLR0.1HR C184SAZ0.1HR C184HLZ0.1HR C184LTR0.1HR C184PNR0.1HR
 C184KH20.1HR C184CNY0.1HR C184TCZ0.1HR C184PHY0.1HR C184KMY0.1HR C184MSY0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

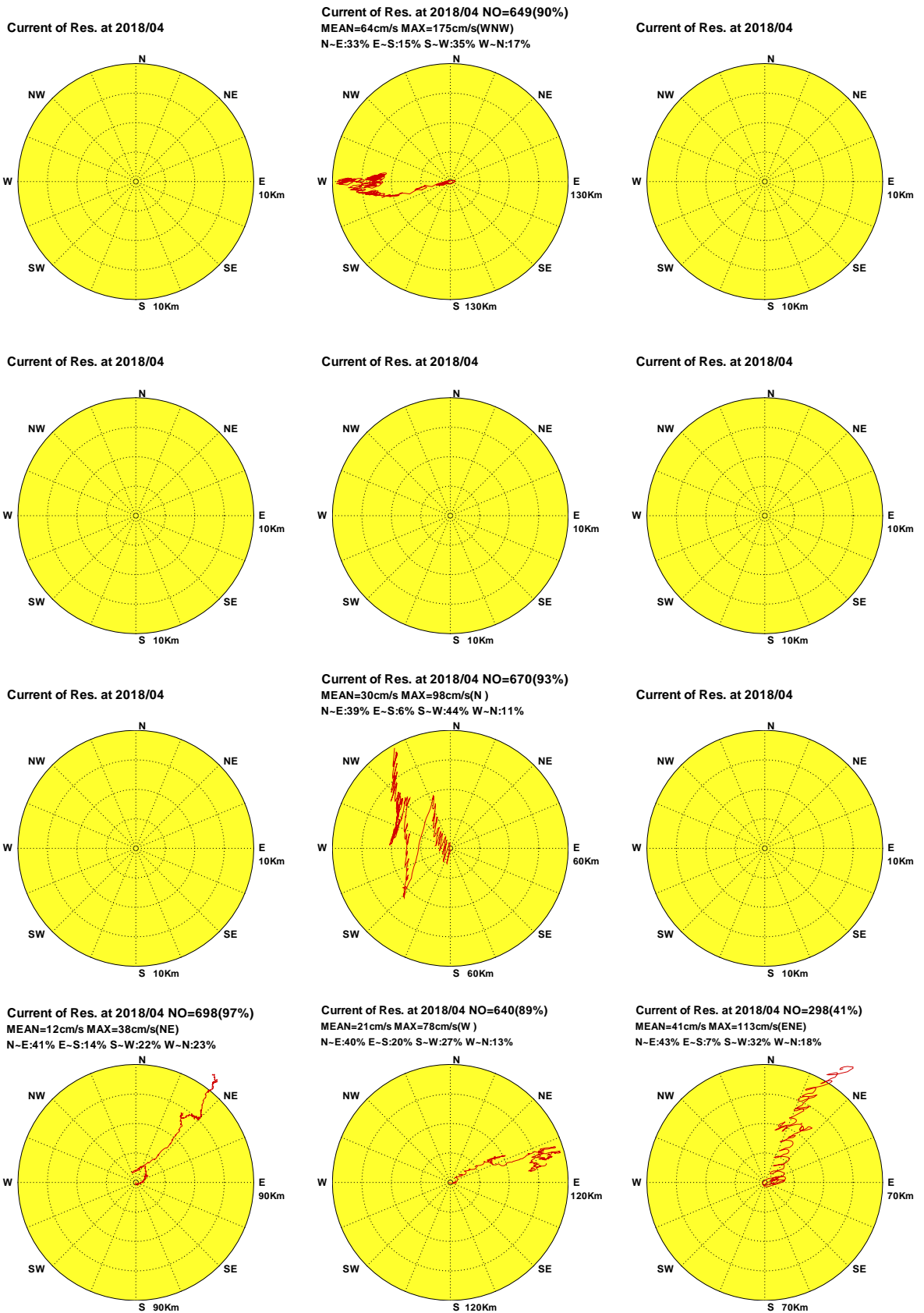


圖10.5f 2018年4月12海域主要測站3計算殘流向量行進圖

C184TPZ0.1HR C184KLR0.1HR C184SAZ0.1HR C184HLZ0.1HR C184LTR0.1HR C184PNR0.1HR
 C184KH20.1HR C184CNY0.1HR C184TCZ0.1HR C184PHY0.1HR C184KMY0.1HR C184MSY0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

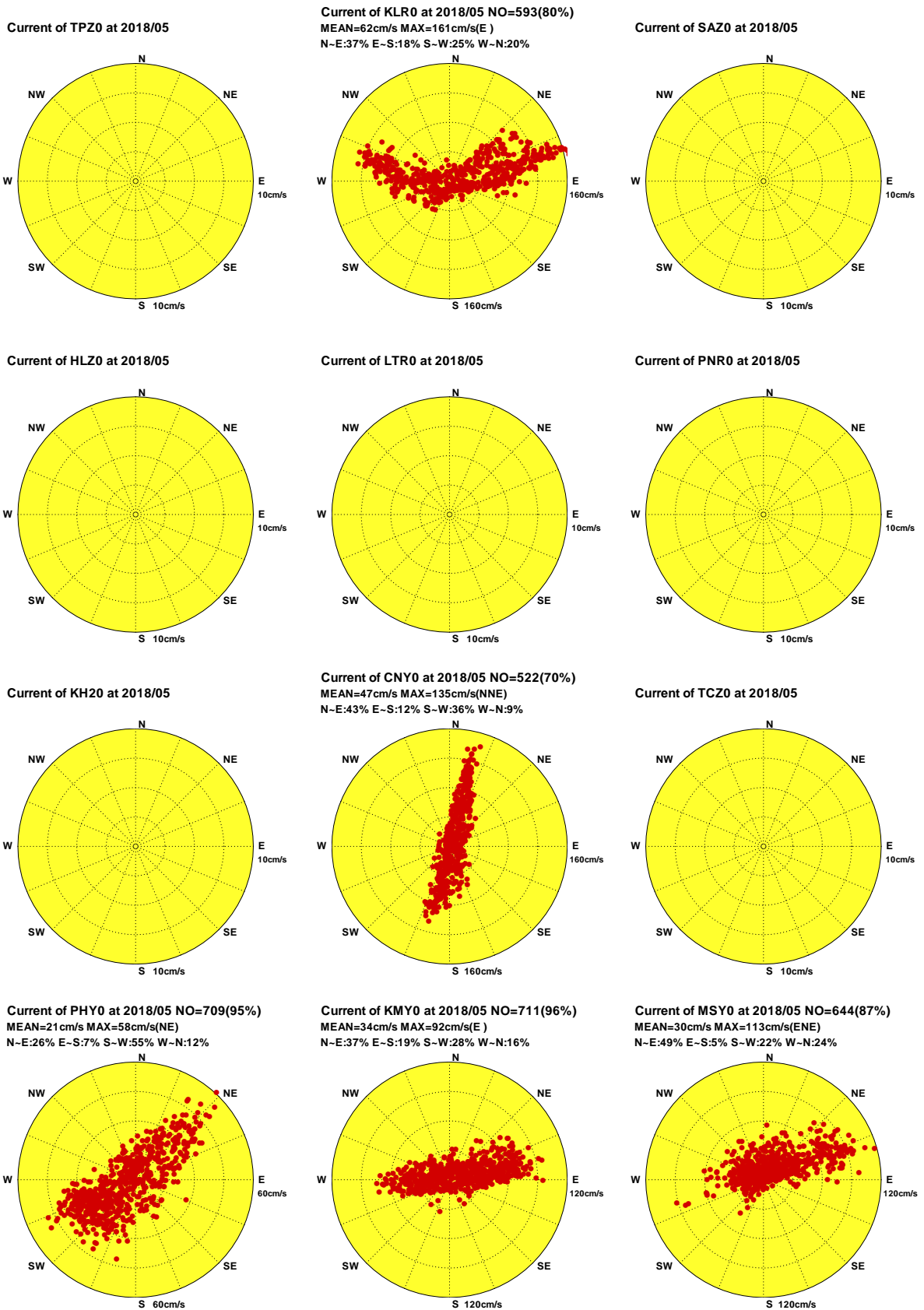


圖10.6a 2018年5月12海域主要測站3觀測海流向量分佈圖

C185TPZ0.1H0 C185KLR0.1H0 C185SAZ0.1H0 C185HLZ0.1H0 C185LTR0.1H0 C185PNR0.1H0
C185KH20.1H0 C185CNY0.1H0 C185TCZ0.1H0 C185PHY0.1H0 C185KMY0.1H0 C185MSY0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

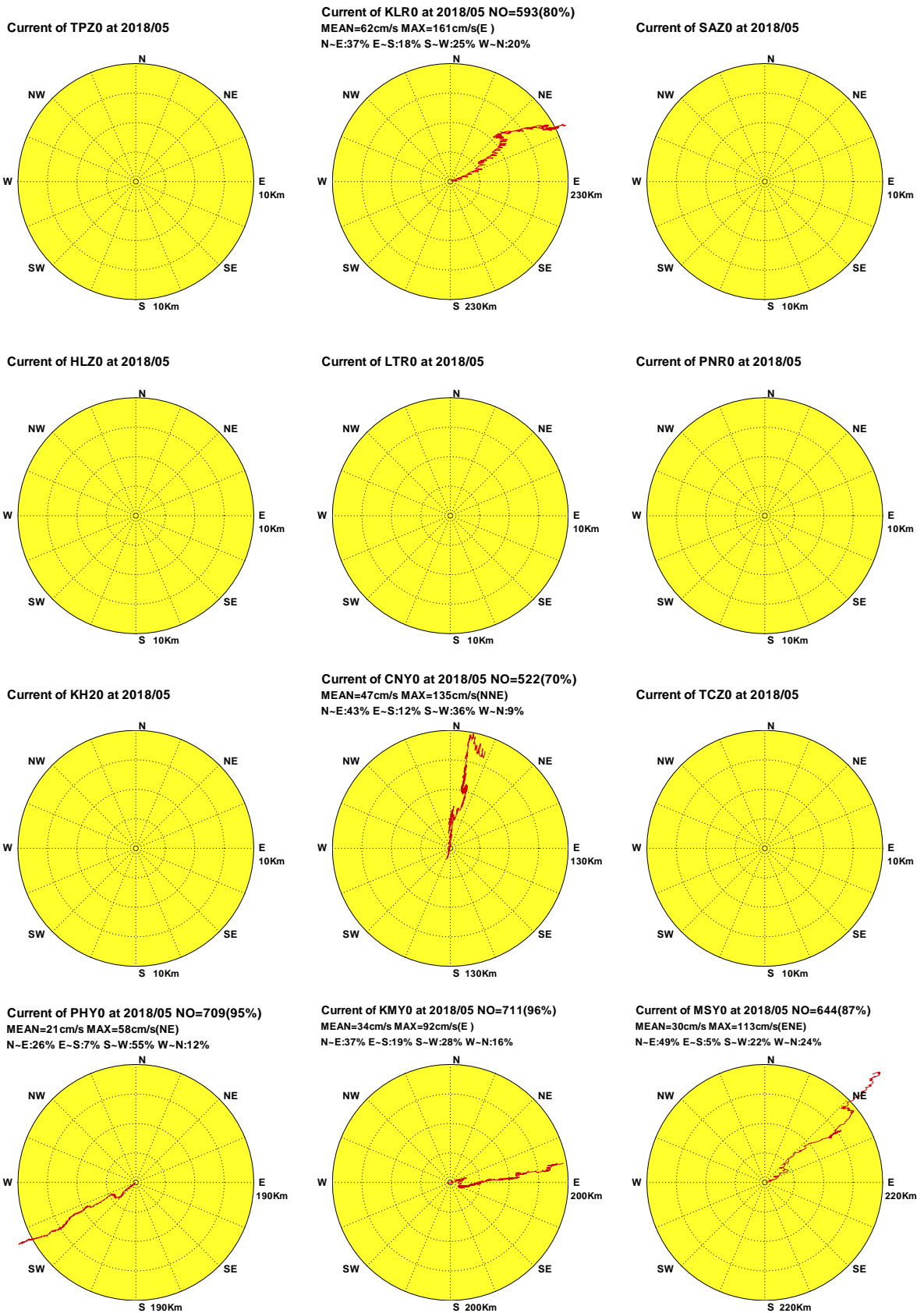


圖10.6b 2018年5月12海域主要測站3觀測海流向量行進圖

C185TPZ0.1H0 C185KLR0.1H0 C185SAZ0.1H0 C185HLZ0.1H0 C185LTR0.1H0 C185PNR0.1H0
 C185KH20.1H0 C185CNY0.1H0 C185TCZ0.1H0 C185PHY0.1H0 C185KMY0.1H0 C185MSY0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

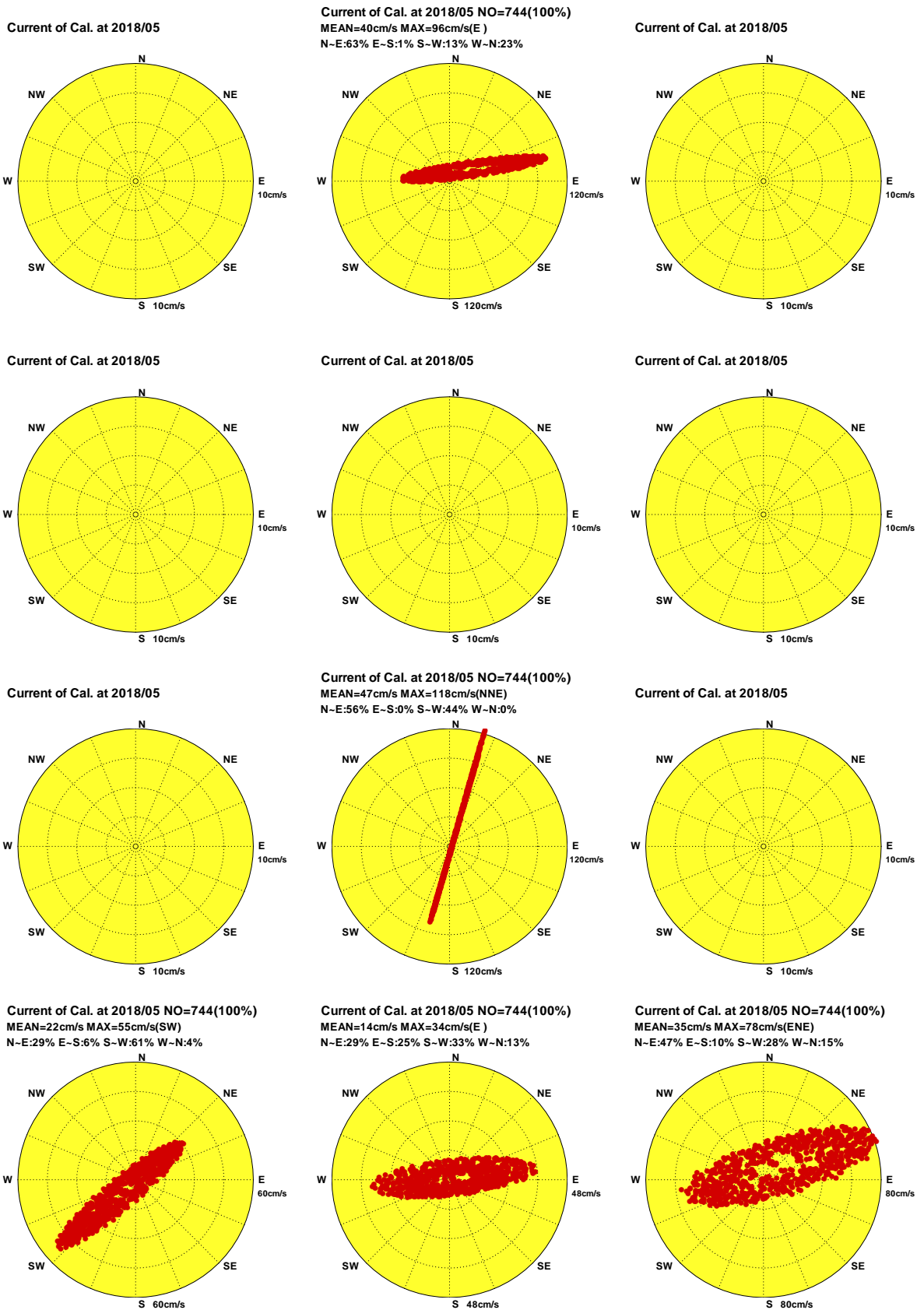


圖10.6c 2018年5月12海域主要測站3計算潮流向量分佈圖

C185TPZ0.1HD C185KLR0.1HD C185SAZ0.1HD C185HLZ0.1HD C185LTR0.1HD C185PNR0.1HD
C185KH20.1HD C185CNY0.1HD C185TCZ0.1HD C185PHY0.1HD C185KMY0.1HD C185MSY0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

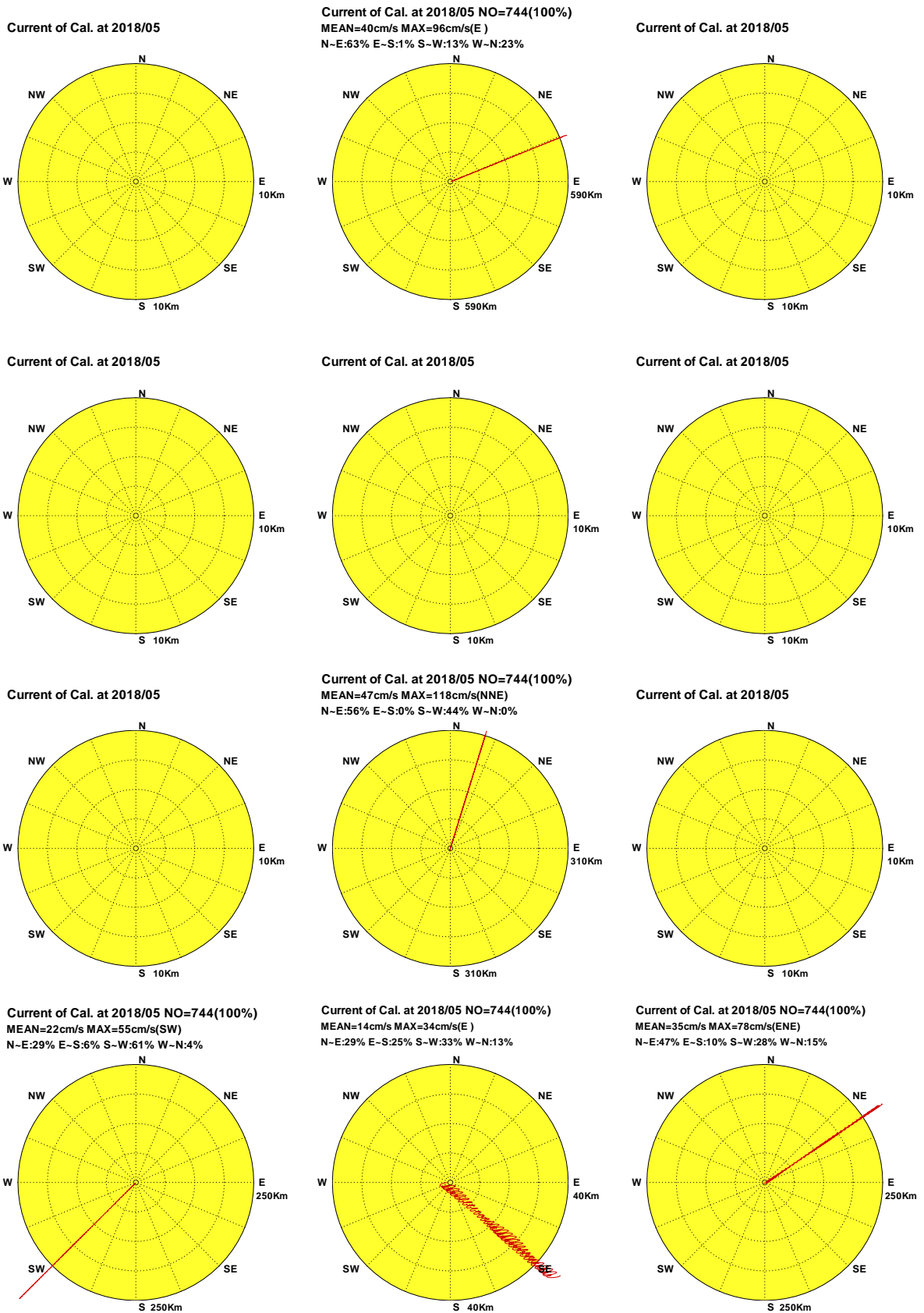


圖10.6d 2018年5月12海域主要測站3計算潮流向量行進圖

C185TPZ0.1HD C185KLR0.1HD C185SAZ0.1HD C185HLZ0.1HD C185LTR0.1HD C185PNR0.1HD
 C185KH20.1HD C185CNY0.1HD C185TCZ0.1HD C185PHY0.1HD C185KMY0.1HD C185MSY0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

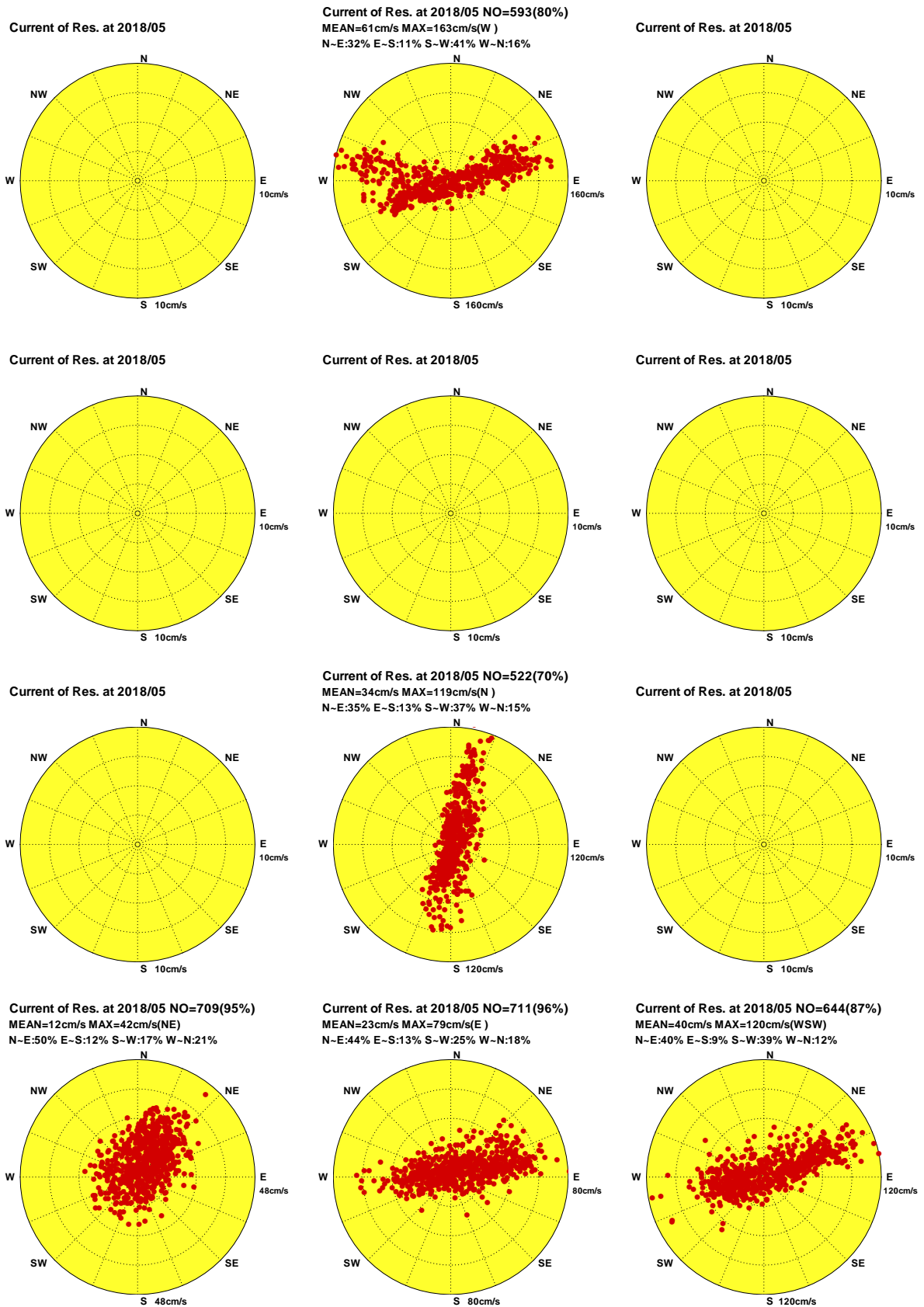


圖10.6e 2018年5月12海域主要測站3計算殘流向量分佈圖

C185TPZ0.1HR C185KLR0.1HR C185SAZ0.1HR C185HLZ0.1HR C185LTR0.1HR C185PNR0.1HR
C185KH20.1HR C185CNY0.1HR C185TCZ0.1HR C185PHY0.1HR C185KMY0.1HR C185MSY0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

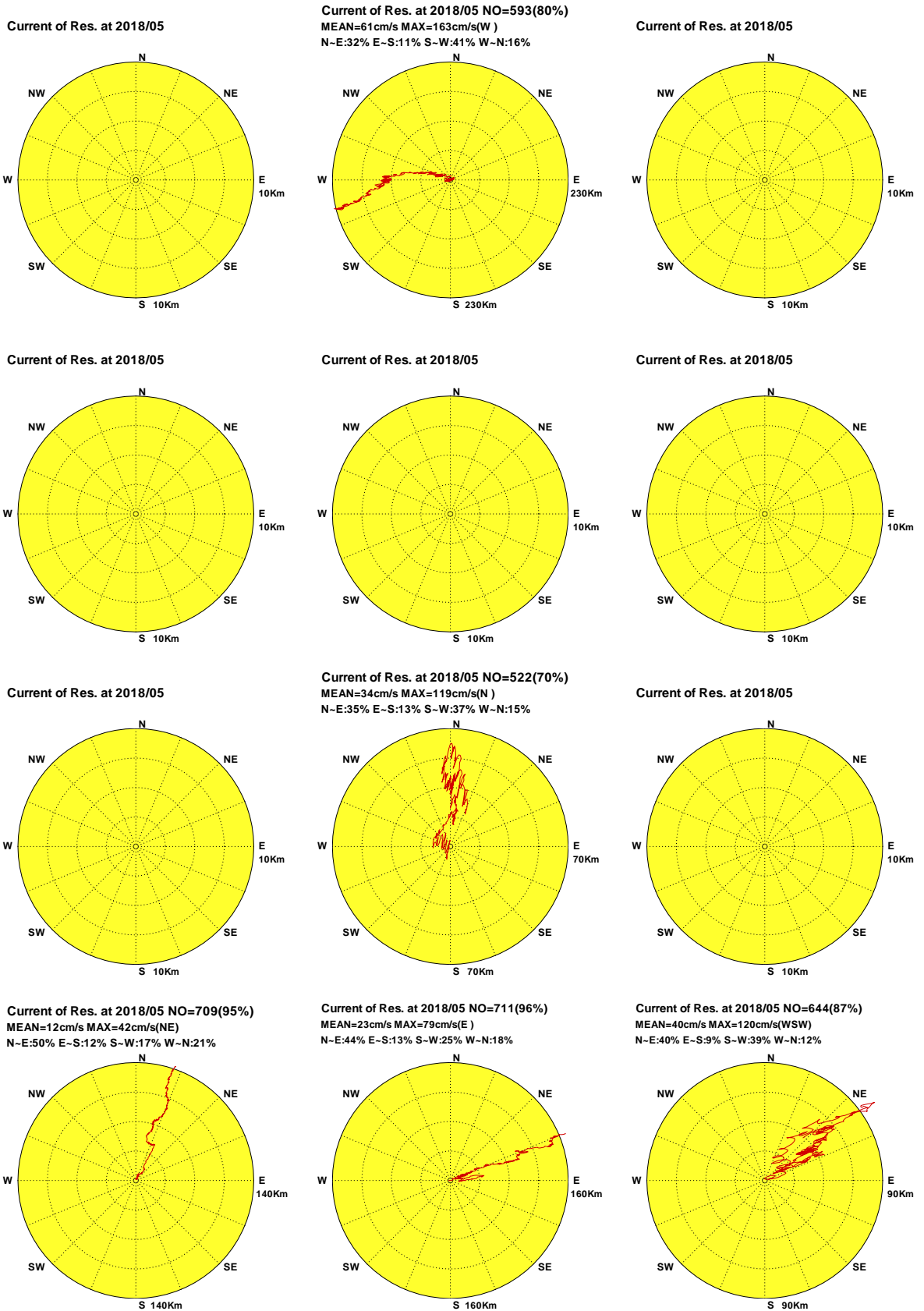


圖10.6f 2018年5月12海域主要測站3計算殘流向量行進圖

C185TPZ0.1HR C185KLR0.1HR C185SAZ0.1HR C185HLZ0.1HR C185LTR0.1HR C185PNR0.1HR
C185KH20.1HR C185CNY0.1HR C185TCZ0.1HR C185PHY0.1HR C185KMY0.1HR C185MSY0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

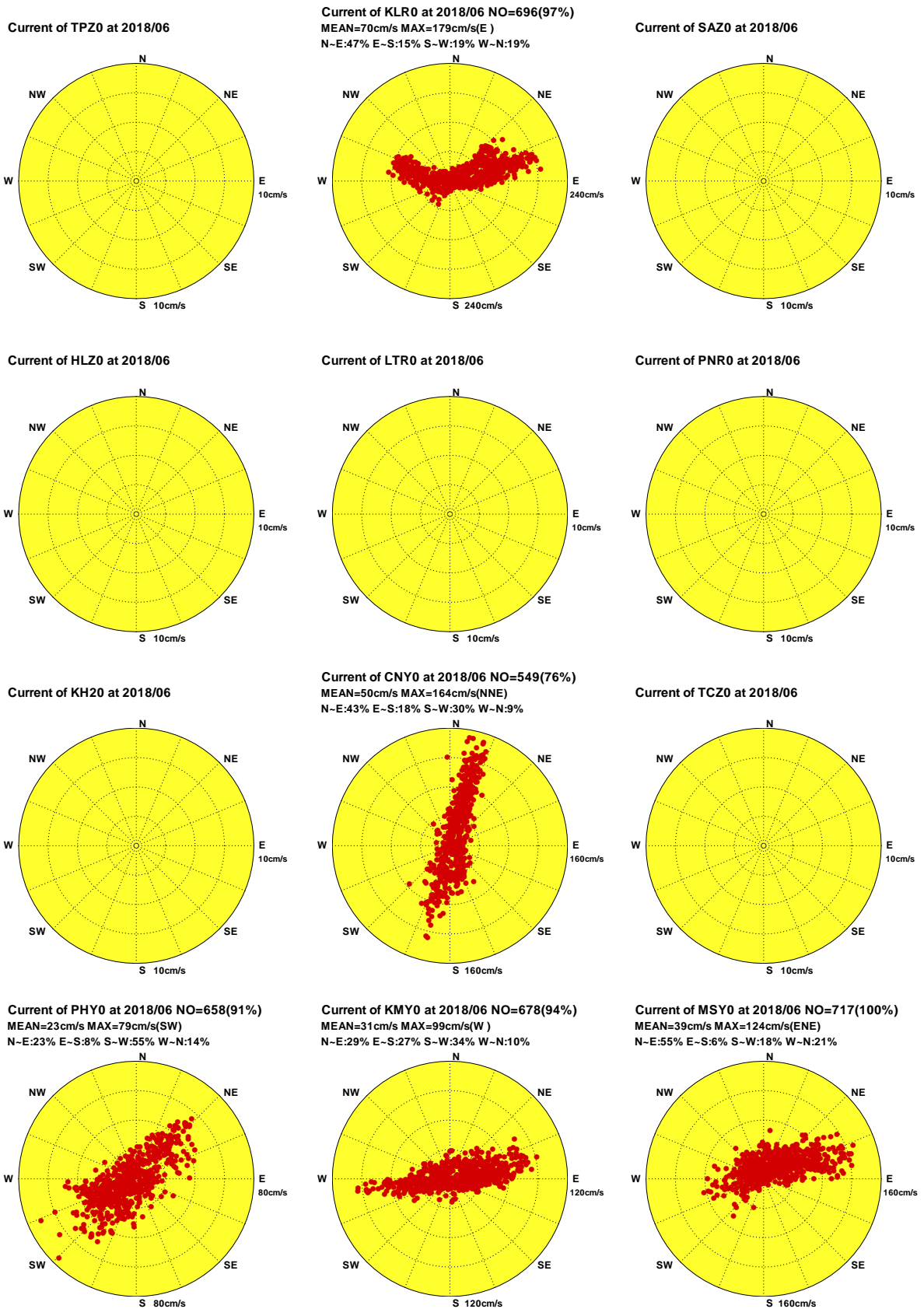


圖10.7a 2018年6月12海域主要測站3觀測海流向量分佈圖

C186TPZ0.1H0 C186KLR0.1H0 C186SAZ0.1H0 C186HLZ0.1H0 C186LTR0.1H0 C186PNR0.1H0
C186KH20.1H0 C186CNY0.1H0 C186TCZ0.1H0 C186PHY0.1H0 C186KMY0.1H0 C186MSY0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

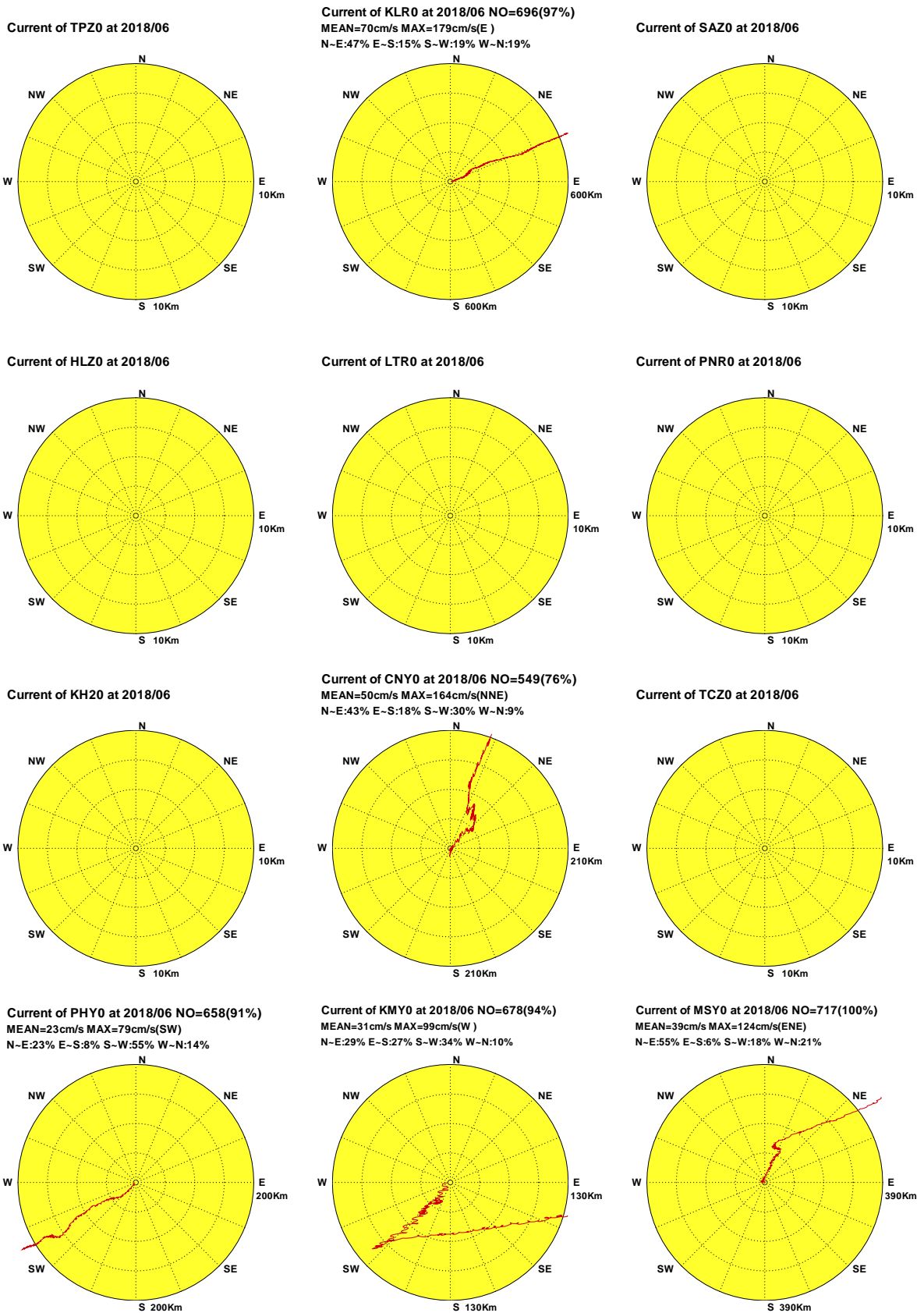


圖10.7b 2018年6月12海域主要測站3觀測海流向量行進圖

C186TPZ0.1H0 C186KLR0.1H0 C186SAZ0.1H0 C186HLZ0.1H0 C186LTR0.1H0 C186PNR0.1H0
 C186KH20.1H0 C186CNY0.1H0 C186TCZ0.1H0 C186PHY0.1H0 C186KMY0.1H0 C186MSY0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

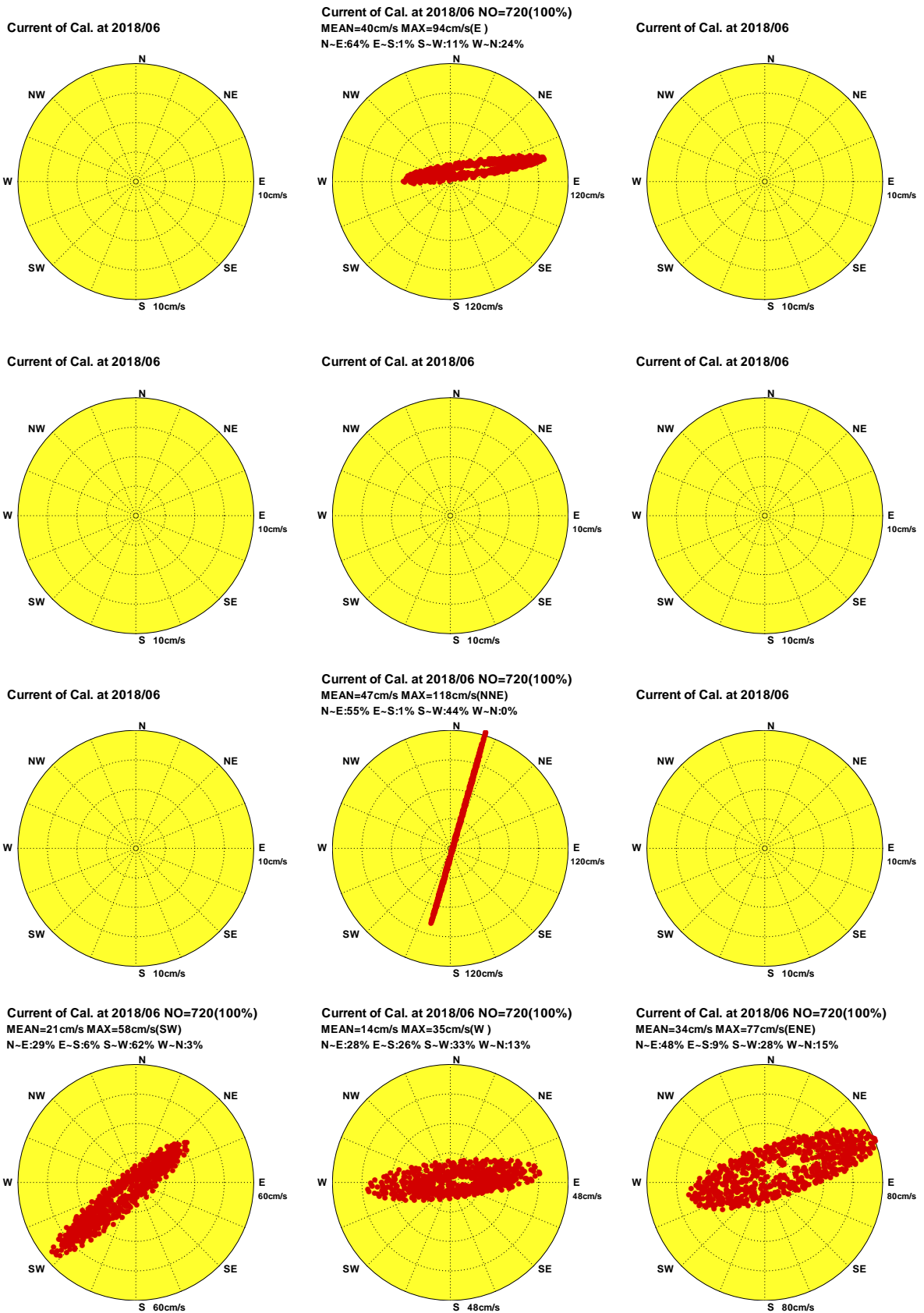


圖10.7c 2018年6月12海域主要測站3計算潮流向量分佈圖

C186TPZ0.1HD C186KLR0.1HD C186SAZ0.1HD C186HLZ0.1HD C186LTR0.1HD C186PNR0.1HD
C186KH20.1HD C186CNY0.1HD C186TCZ0.1HD C186PHY0.1HD C186KMY0.1HD C186MSY0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

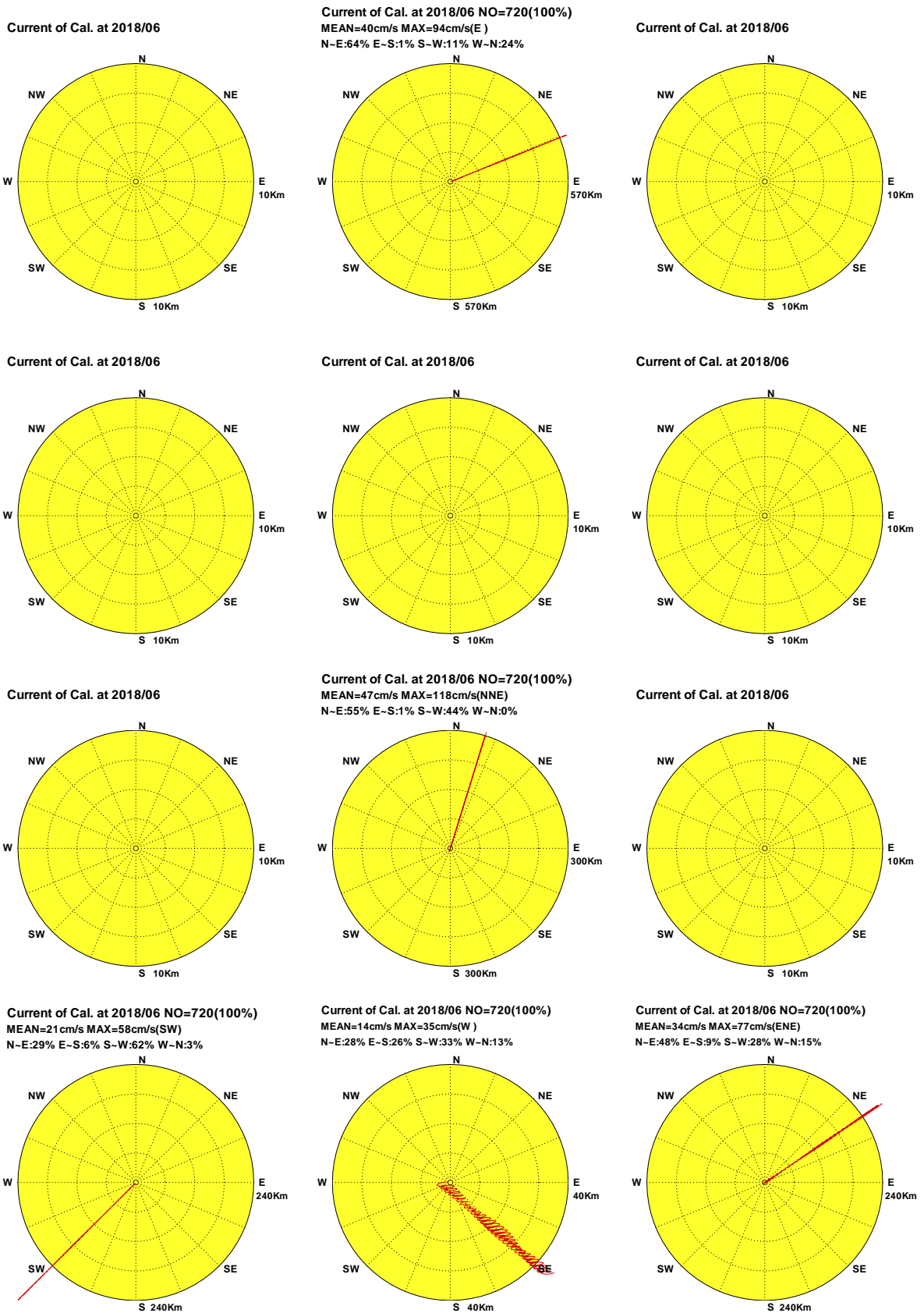


圖10.7d 2018年6月12海域主要測站3計算潮流向量行進圖

C186TPZ0.1HD C186KLR0.1HD C186SAZ0.1HD C186HLZ0.1HD C186LTR0.1HD C186PNR0.1HD
 C186KH20.1HD C186CNY0.1HD C186TCZ0.1HD C186PHY0.1HD C186KMY0.1HD C186MSY0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

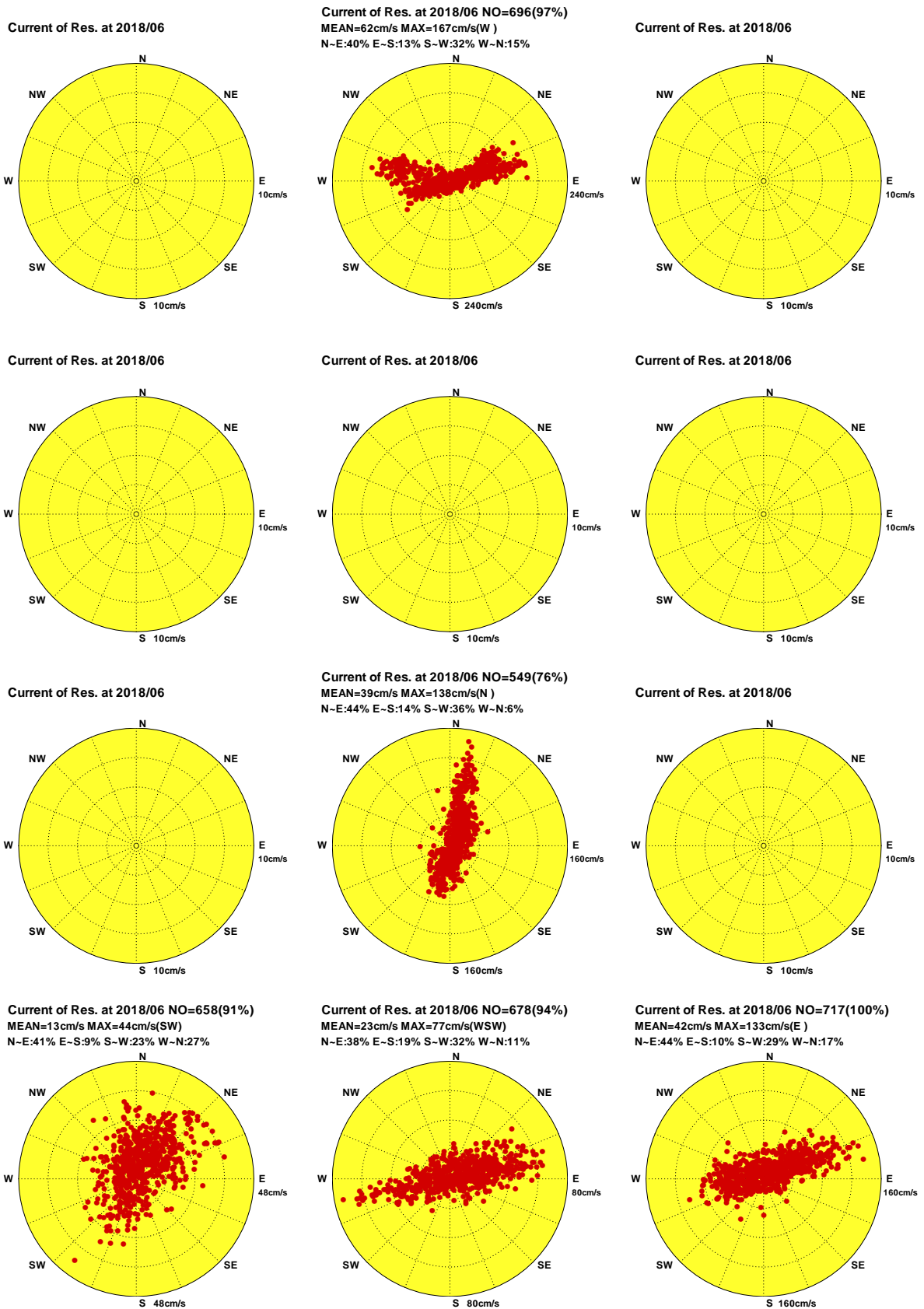


圖10.7e 2018年6月12海域主要測站3計算殘流向量分佈圖

C186TPZ0.1HR C186KLR0.1HR C186SAZ0.1HR C186HLZ0.1HR C186LTR0.1HR C186PNR0.1HR
 C186KH20.1HR C186CNY0.1HR C186TCZ0.1HR C186PHY0.1HR C186KMY0.1HR C186MSY0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

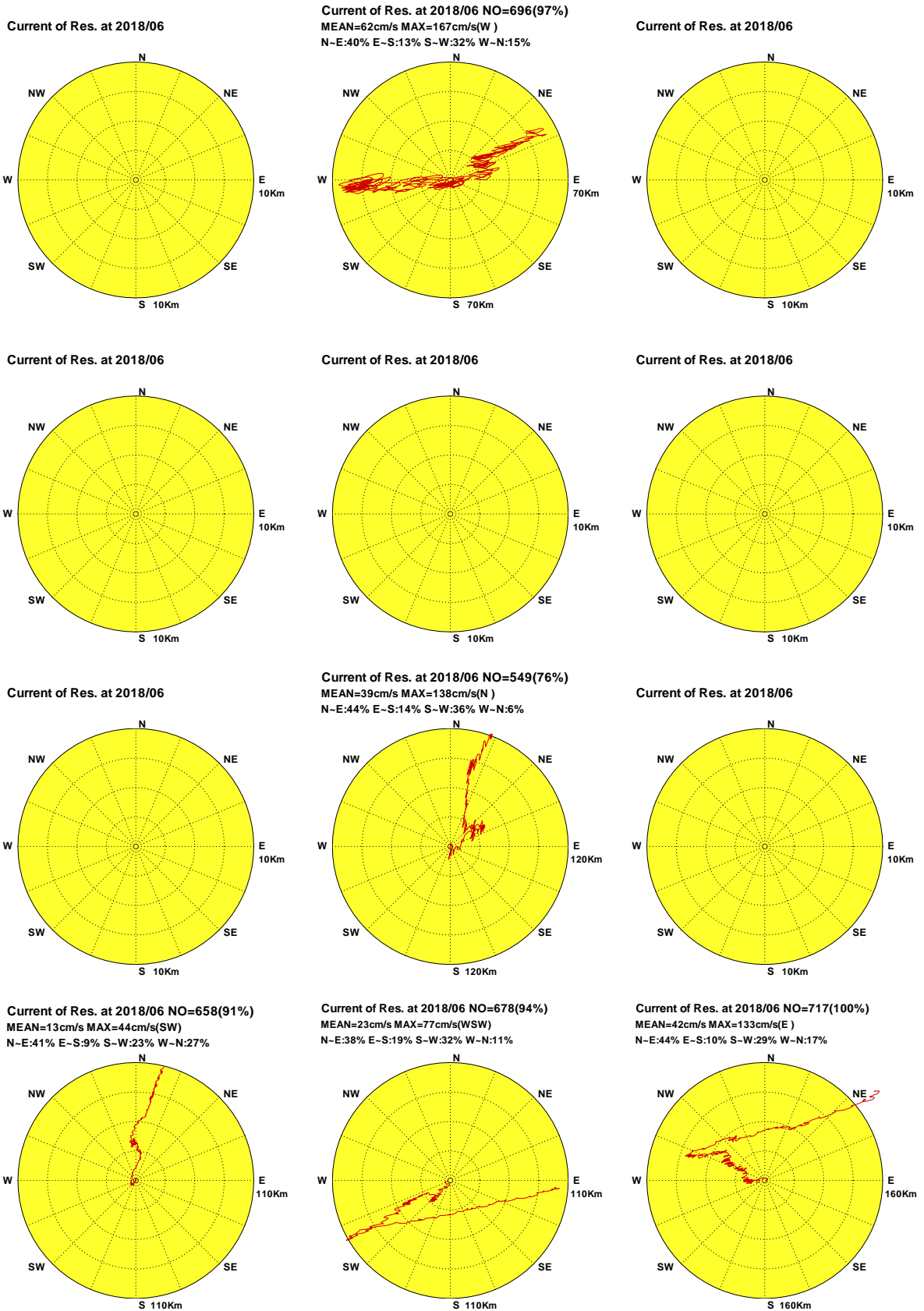


圖10.7f 2018年6月12海域主要測站3計算殘流向量行進圖

C186TPZ0.1HR C186KLR0.1HR C186SAZ0.1HR C186HLZ0.1HR C186LTR0.1HR C186PNR0.1HR
 C186KH20.1HR C186CNY0.1HR C186TCZ0.1HR C186PHY0.1HR C186KMY0.1HR C186MSY0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

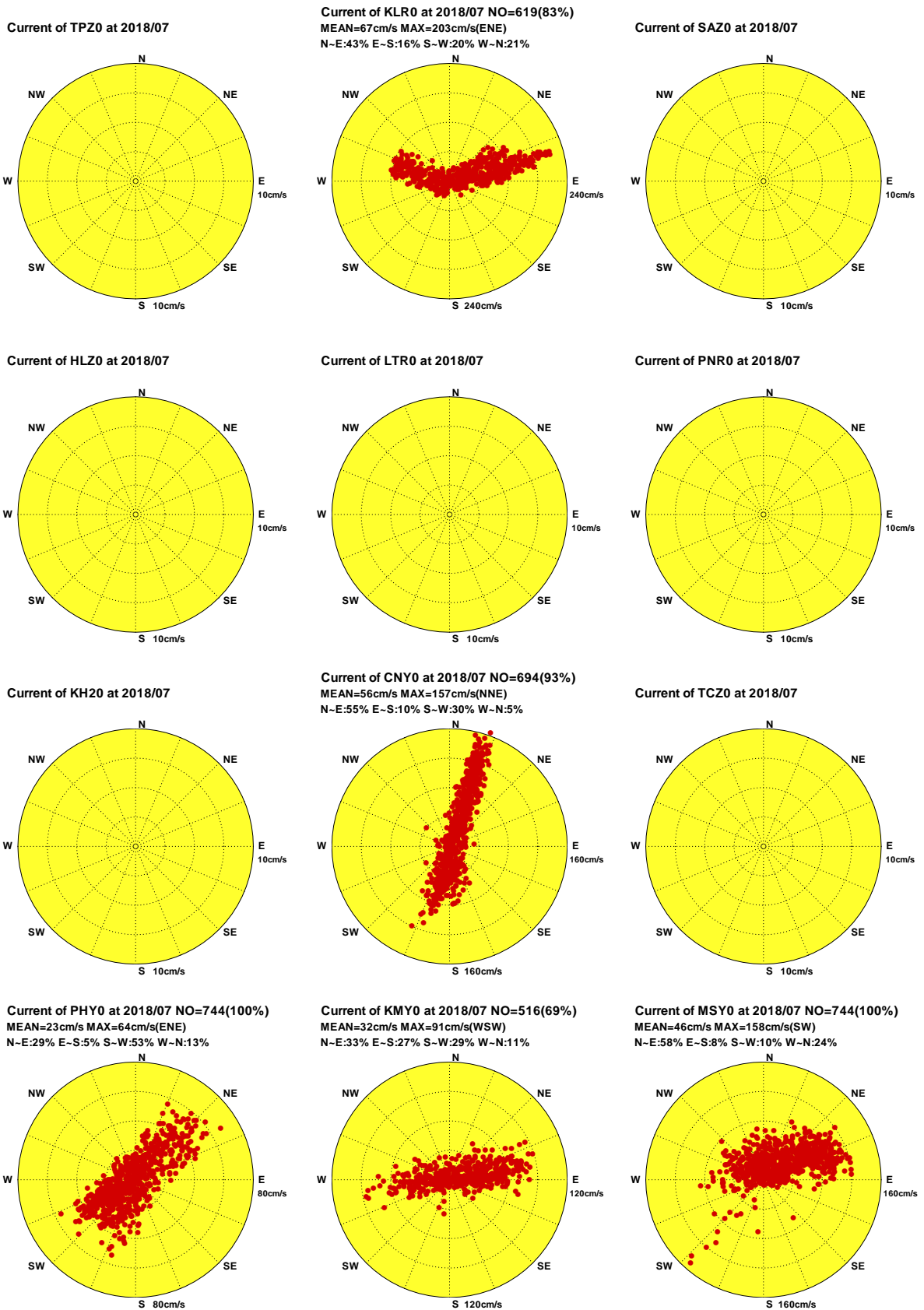


圖10.8a 2018年7月12海域主要測站3觀測海流向量分佈圖

C187TPZ0.1H0 C187KLR0.1H0 C187SAZ0.1H0 C187HLZ0.1H0 C187LTR0.1H0 C187PNR0.1H0
C187KH20.1H0 C187CNY0.1H0 C187TCZ0.1H0 C187PHY0.1H0 C187KMY0.1H0 C187MSY0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

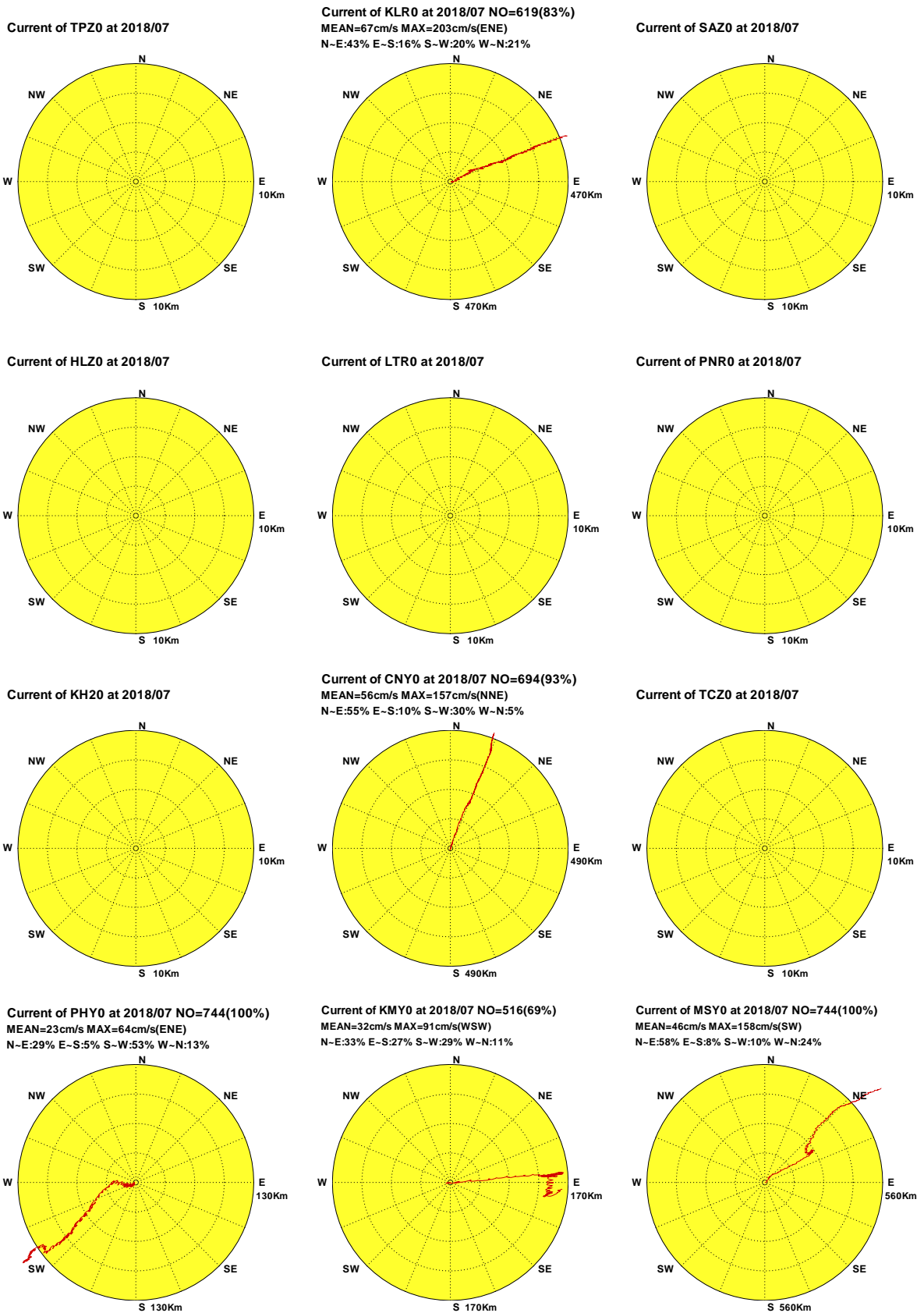


圖10.8b 2018年7月12海域主要測站3觀測海流向量行進圖

C187TPZ0.1H0 C187KLR0.1H0 C187SAZ0.1H0 C187HLZ0.1H0 C187LTR0.1H0 C187PNR0.1H0
 C187KH20.1H0 C187CNY0.1H0 C187TCZ0.1H0 C187PHY0.1H0 C187KMY0.1H0 C187MSY0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

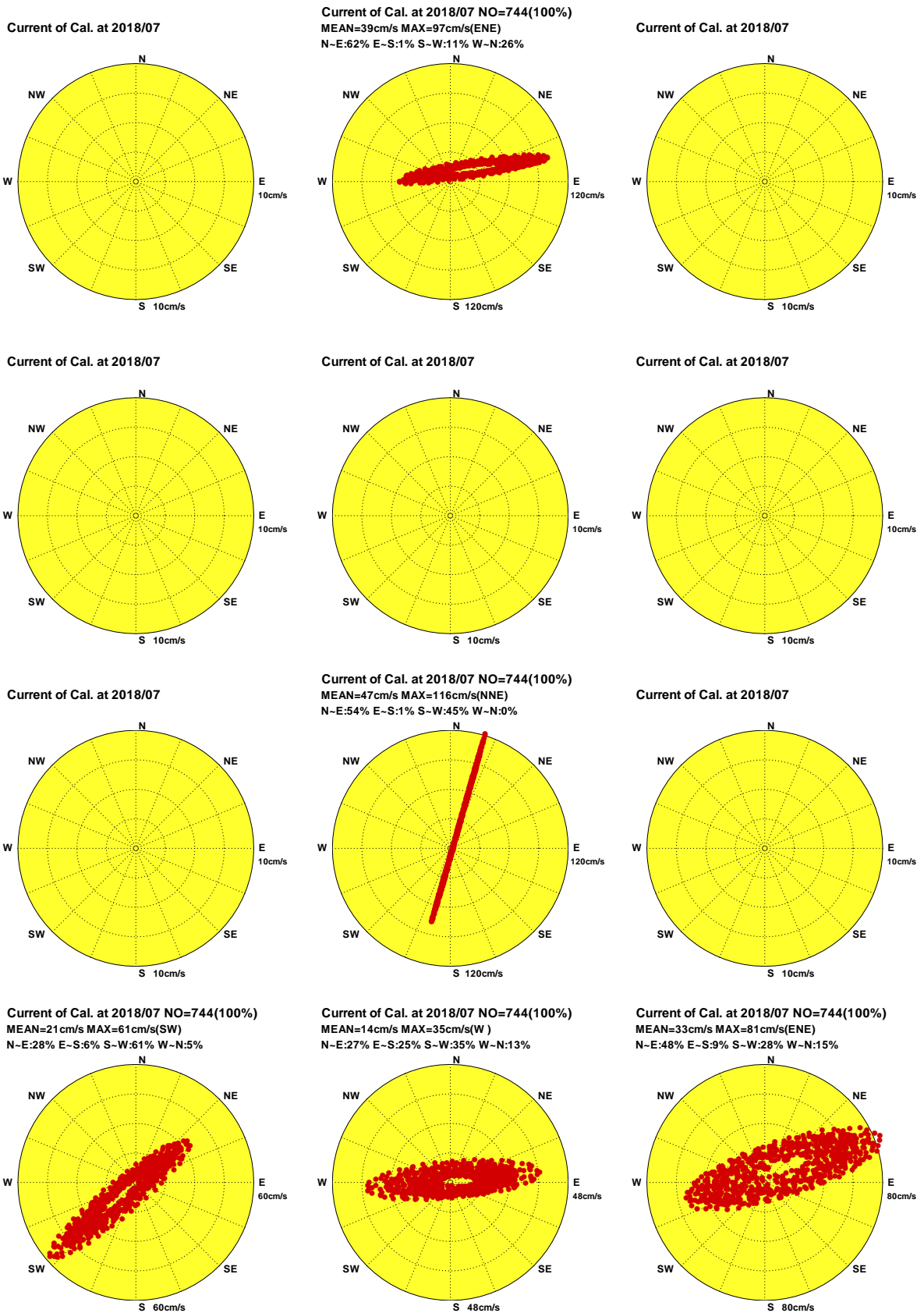


圖10.8c 2018年7月12海域主要測站3計算潮流向量分佈圖

C187TPZ0.1HD C187KLR0.1HD C187SAZ0.1HD C187HLZ0.1HD C187LTR0.1HD C187PNR0.1HD
 C187KH20.1HD C187CNY0.1HD C187TCZ0.1HD C187PHY0.1HD C187KMY0.1HD C187MSY0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

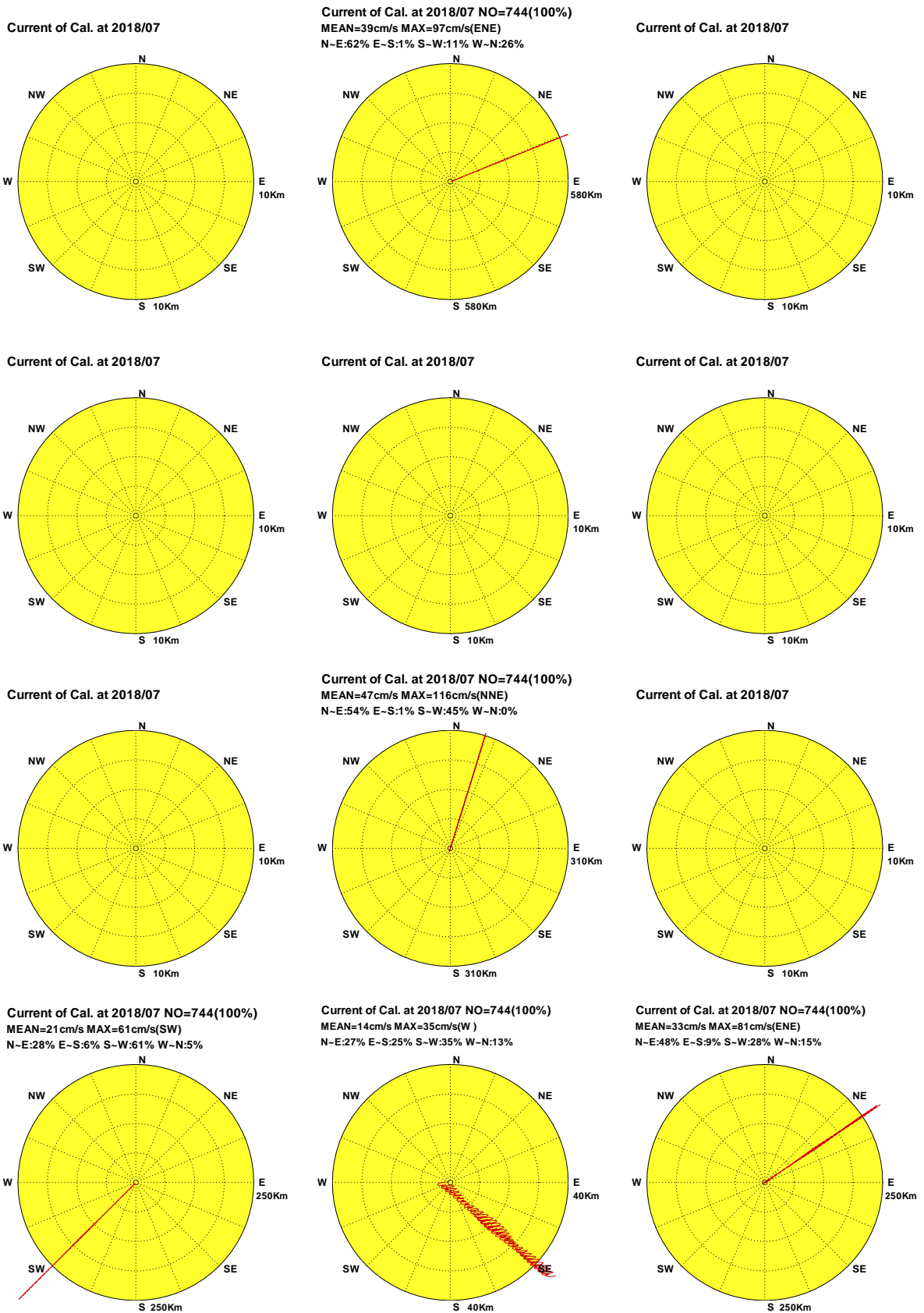


圖10.8d 2018年7月12海域主要測站3計算潮流向量行進圖

C187TPZ0.1HD C187KLR0.1HD C187SAZ0.1HD C187HLZ0.1HD C187LTR0.1HD C187PNR0.1HD
 C187KH20.1HD C187CNY0.1HD C187TCZ0.1HD C187PHY0.1HD C187KMY0.1HD C187MSY0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

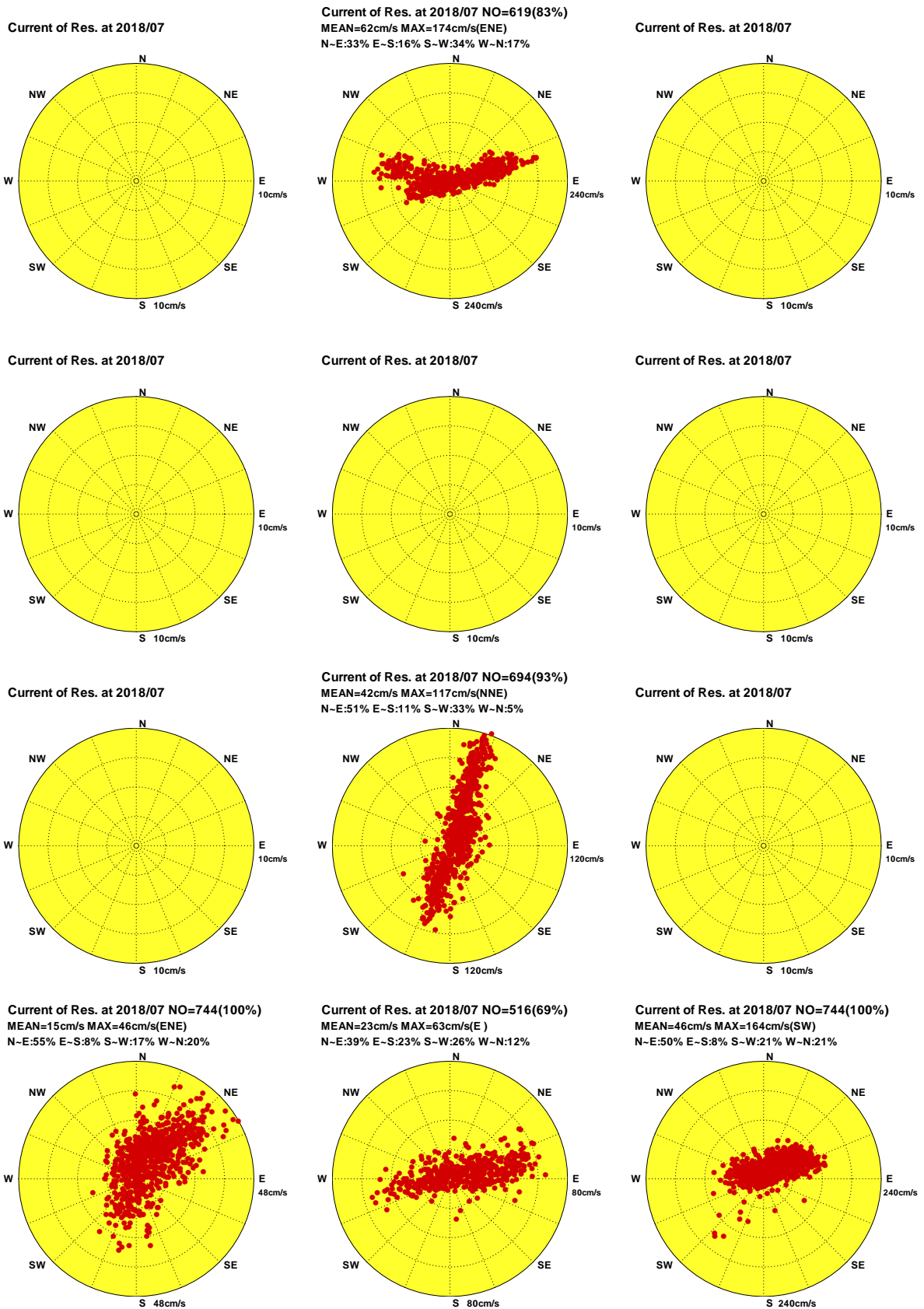


圖10.8e 2018年7月12海域主要測站3計算殘流向量分佈圖

C187TPZ0.1HR C187KLR0.1HR C187SAZ0.1HR C187HLZ0.1HR C187LTR0.1HR C187PNR0.1HR
 C187KH20.1HR C187CNY0.1HR C187TCZ0.1HR C187PHY0.1HR C187KMY0.1HR C187MSY0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

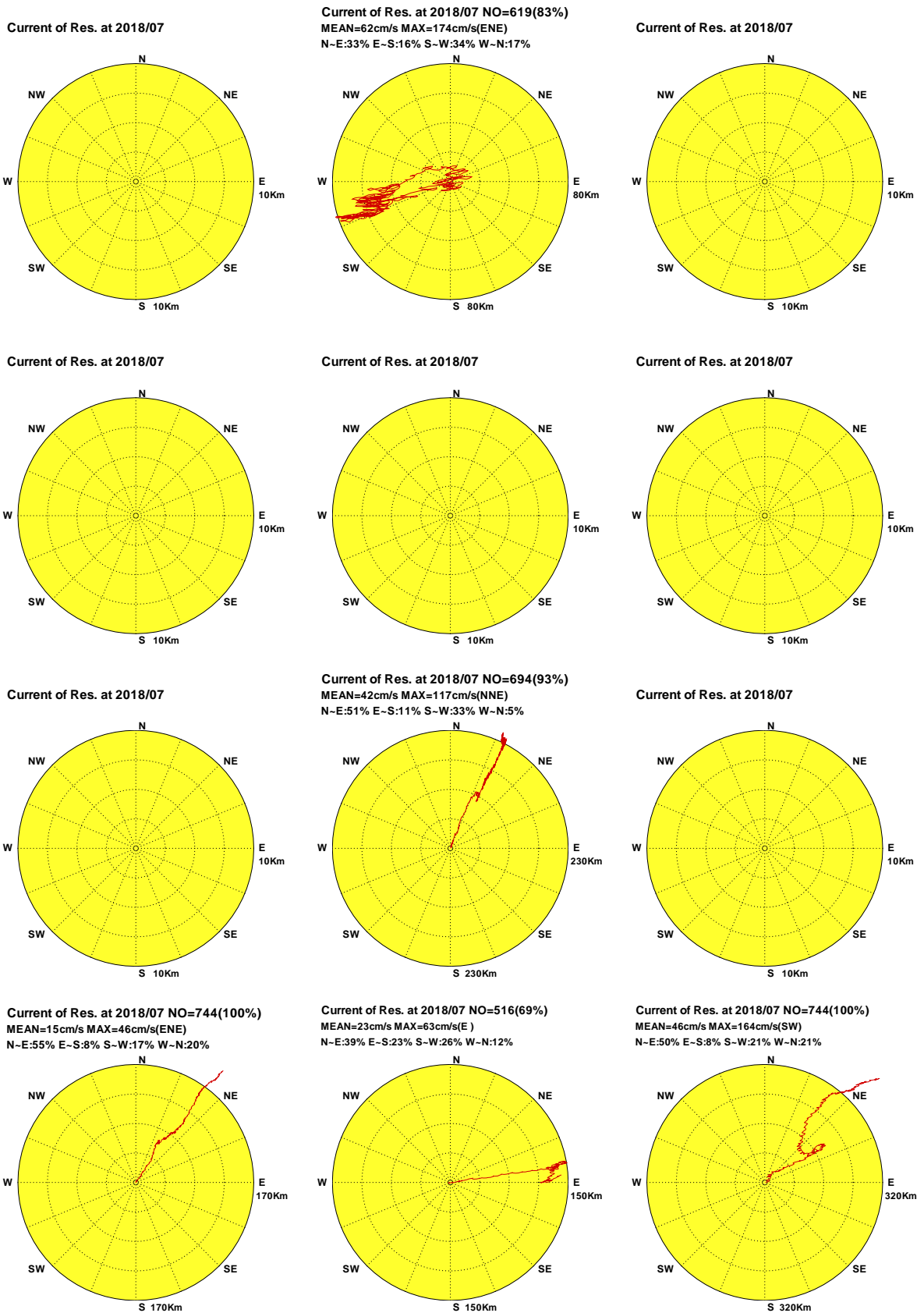


圖10.8f 2018年7月12海域主要測站3計算殘流向量行進圖

C187TPZ0.1HR C187KLR0.1HR C187SAZ0.1HR C187HLZ0.1HR C187LTR0.1HR C187PNR0.1HR
 C187KH20.1HR C187CNY0.1HR C187TCZ0.1HR C187PHY0.1HR C187KMY0.1HR C187MSY0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

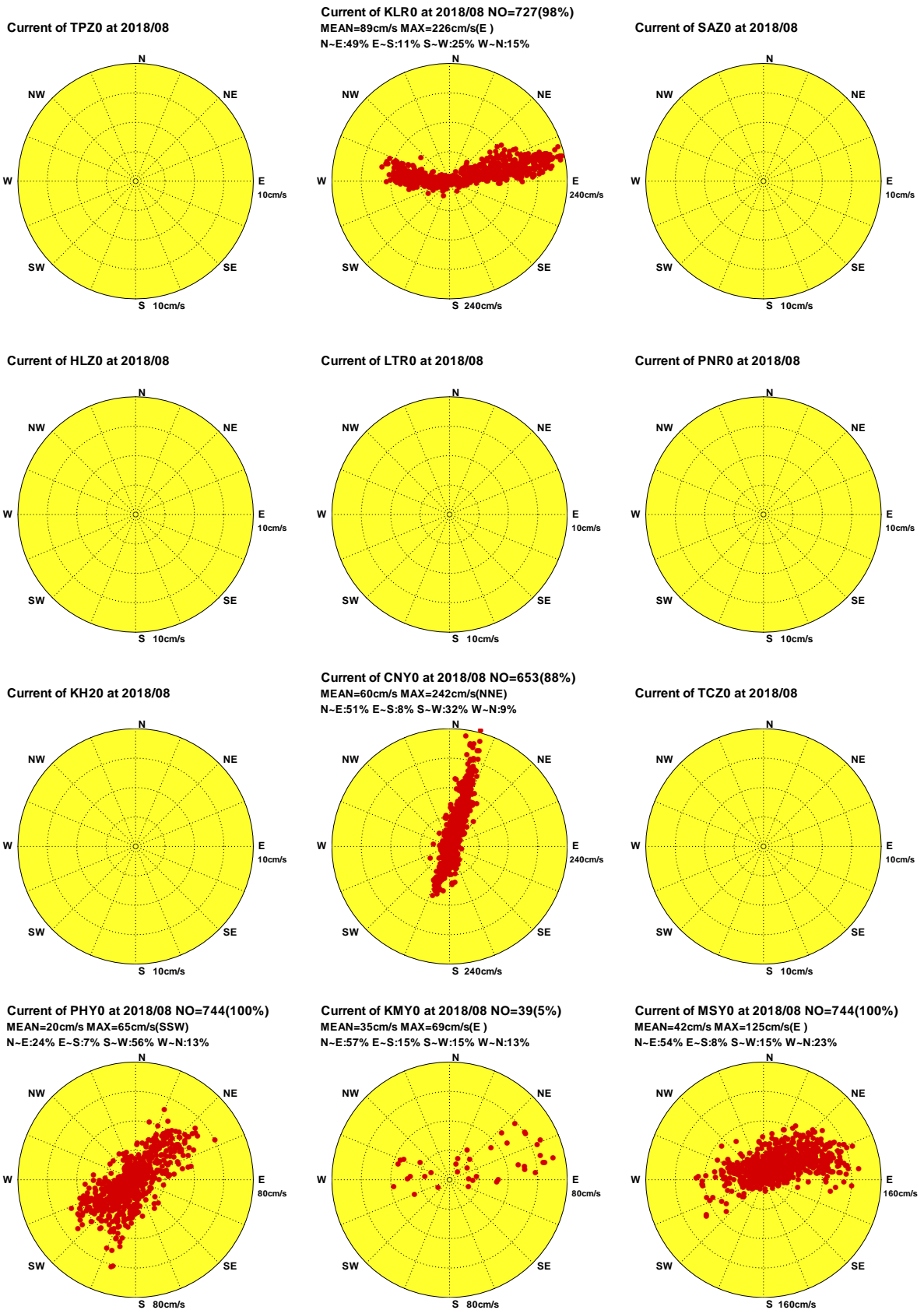


圖10.9a 2018年8月12海域主要測站3觀測海流向量分佈圖

C188TPZ0.1H0 C188KLR0.1H0 C188SAZ0.1H0 C188HLZ0.1H0 C188LTR0.1H0 C188PNR0.1H0
C188KH20.1H0 C188CNY0.1H0 C188TCZ0.1H0 C188PHY0.1H0 C188KMY0.1H0 C188MSY0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

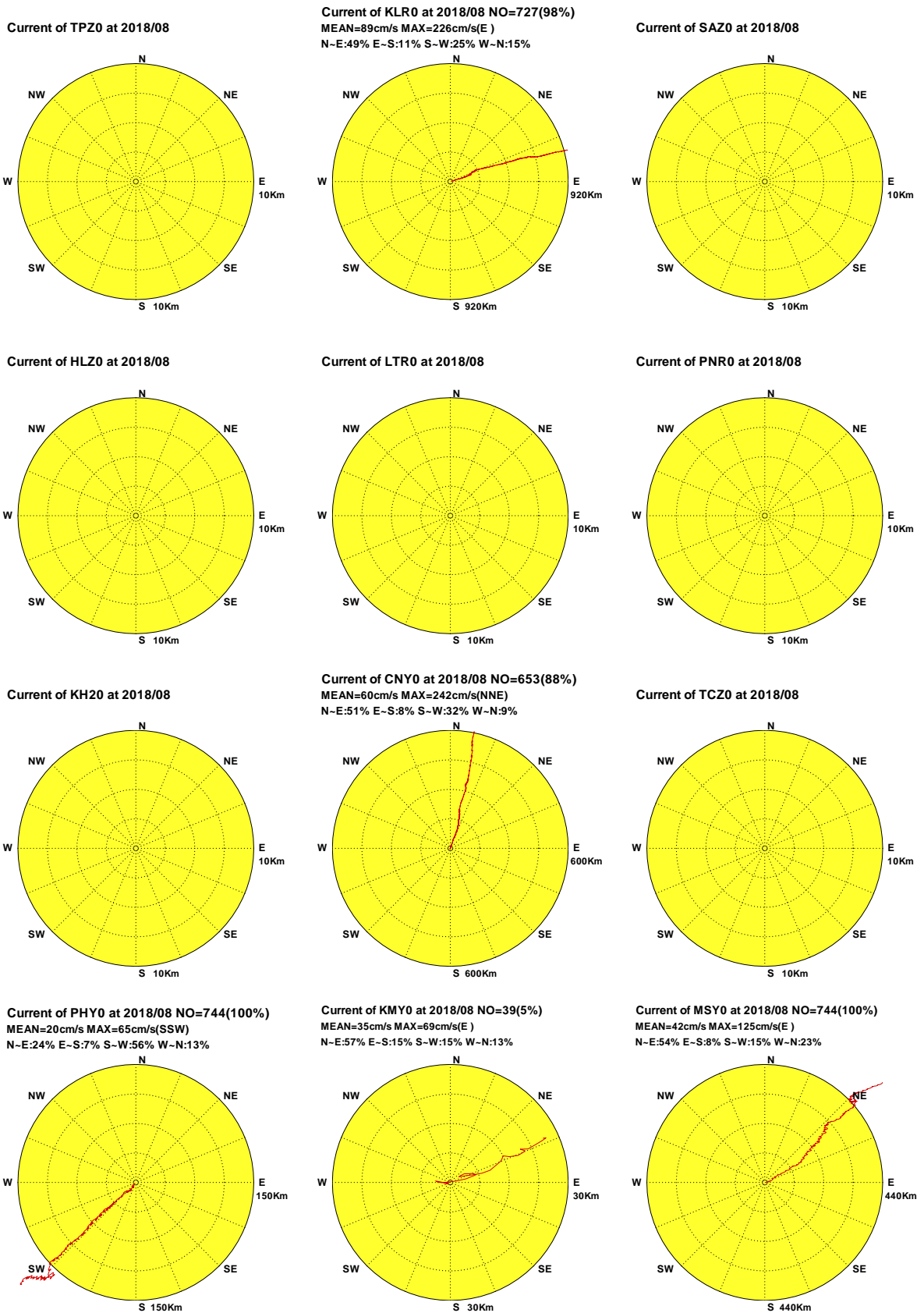
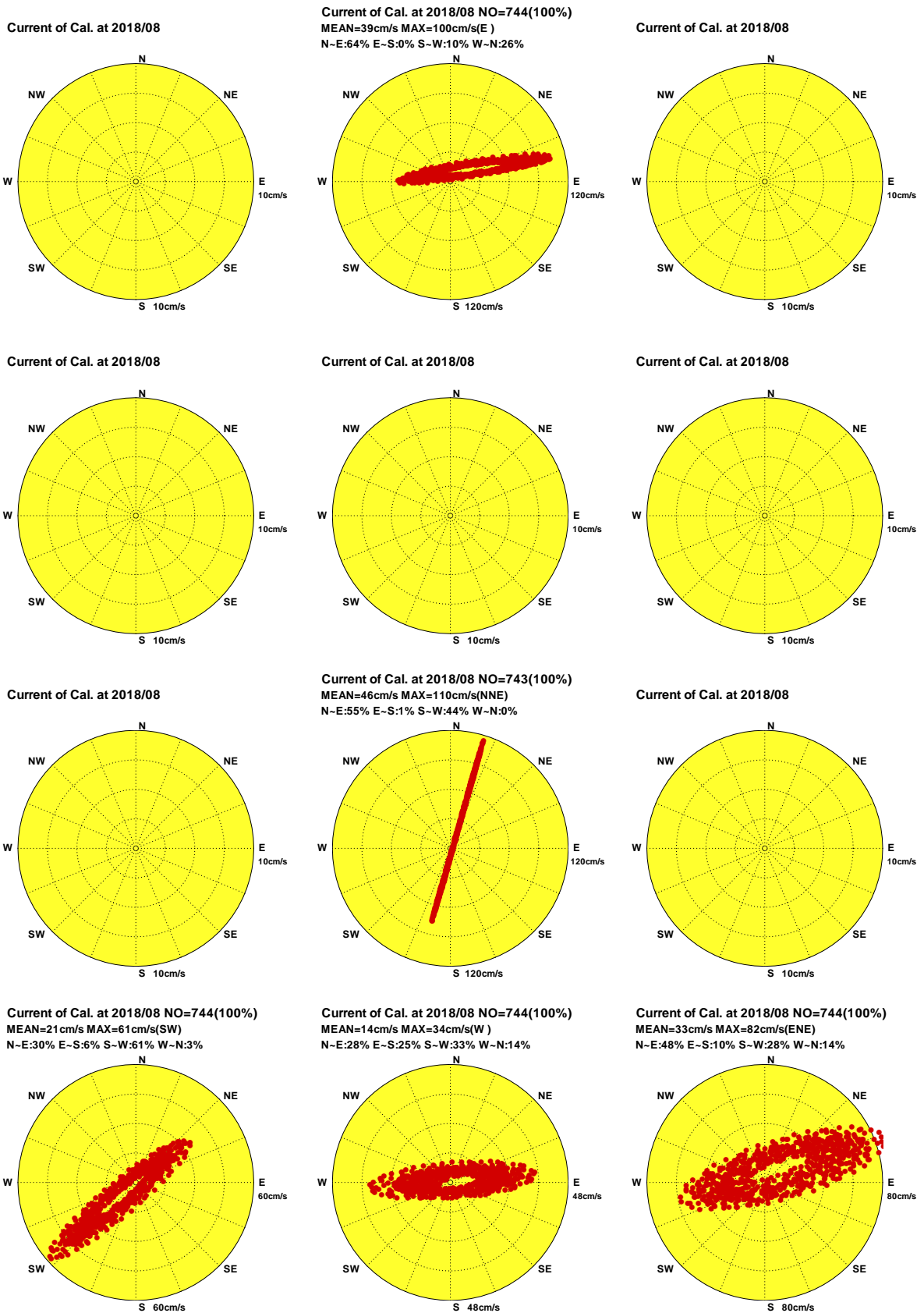


圖10.9b 2018年8月12海域主要測站3觀測海流向量行進圖

C188TPZ0.1H0 C188KLR0.1H0 C188SAZ0.1H0 C188HLZ0.1H0 C188LTR0.1H0 C188PNR0.1H0
 C188KH20.1H0 C188CNY0.1H0 C188TCZ0.1H0 C188PHY0.1H0 C188KMY0.1H0 C188MSY0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors



C188TPZ0.1HD C188KLR0.1HD C188SAZ0.1HD C188HLZ0.1HD C188LTR0.1HD C188PNR0.1HD
 C188KH20.1HD C188CNY0.1HD C188TCZ0.1HD C188PHY0.1HD C188KMY0.1HD C188MSY0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

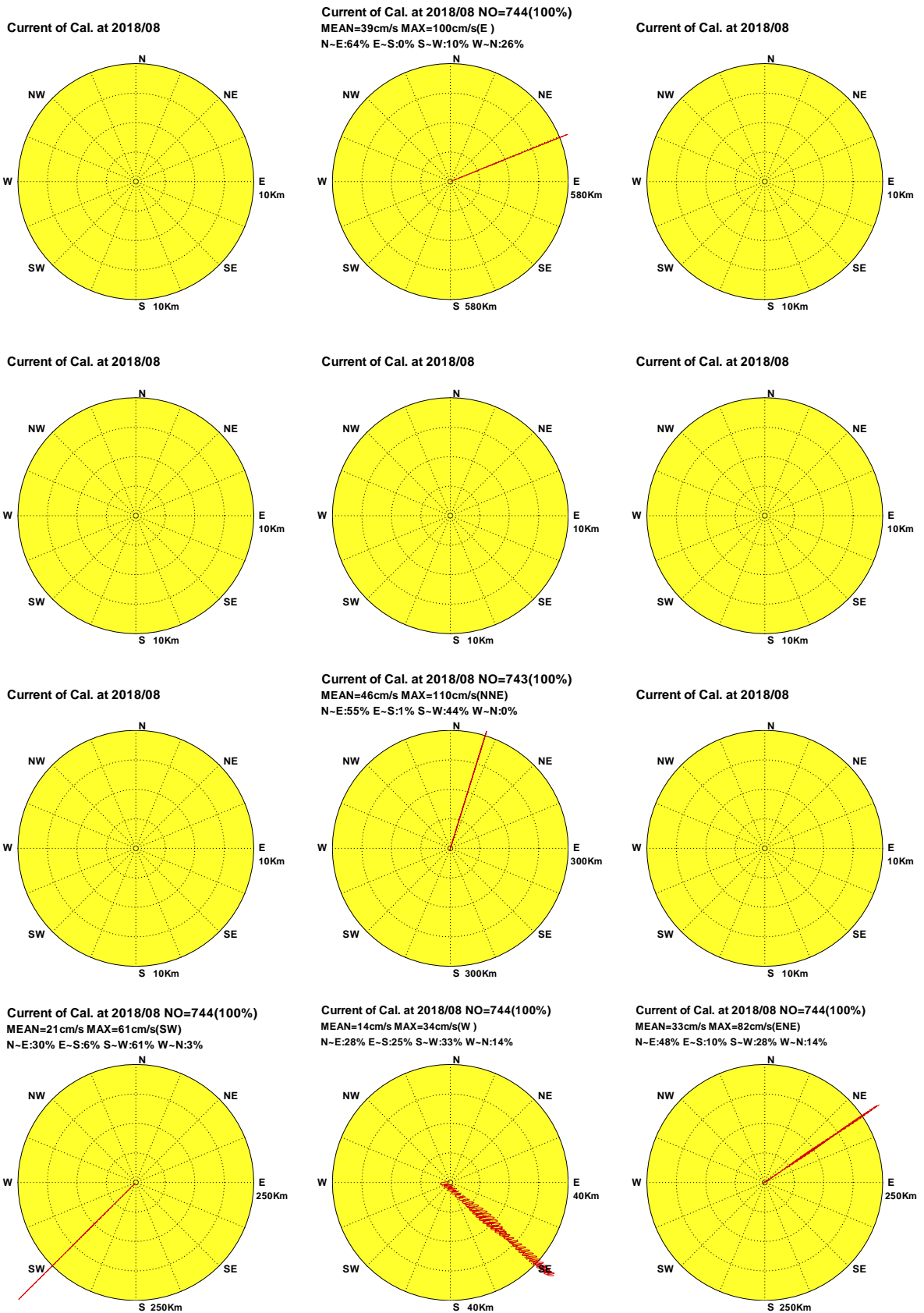


圖10.9d 2018年8月12海域主要測站3計算潮流向量行進圖

C188TPZ0.1HD C188KLR0.1HD C188SAZ0.1HD C188HLZ0.1HD C188LTR0.1HD C188PNR0.1HD
 C188KH20.1HD C188CNY0.1HD C188TCZ0.1HD C188PHY0.1HD C188KMY0.1HD C188MSY0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

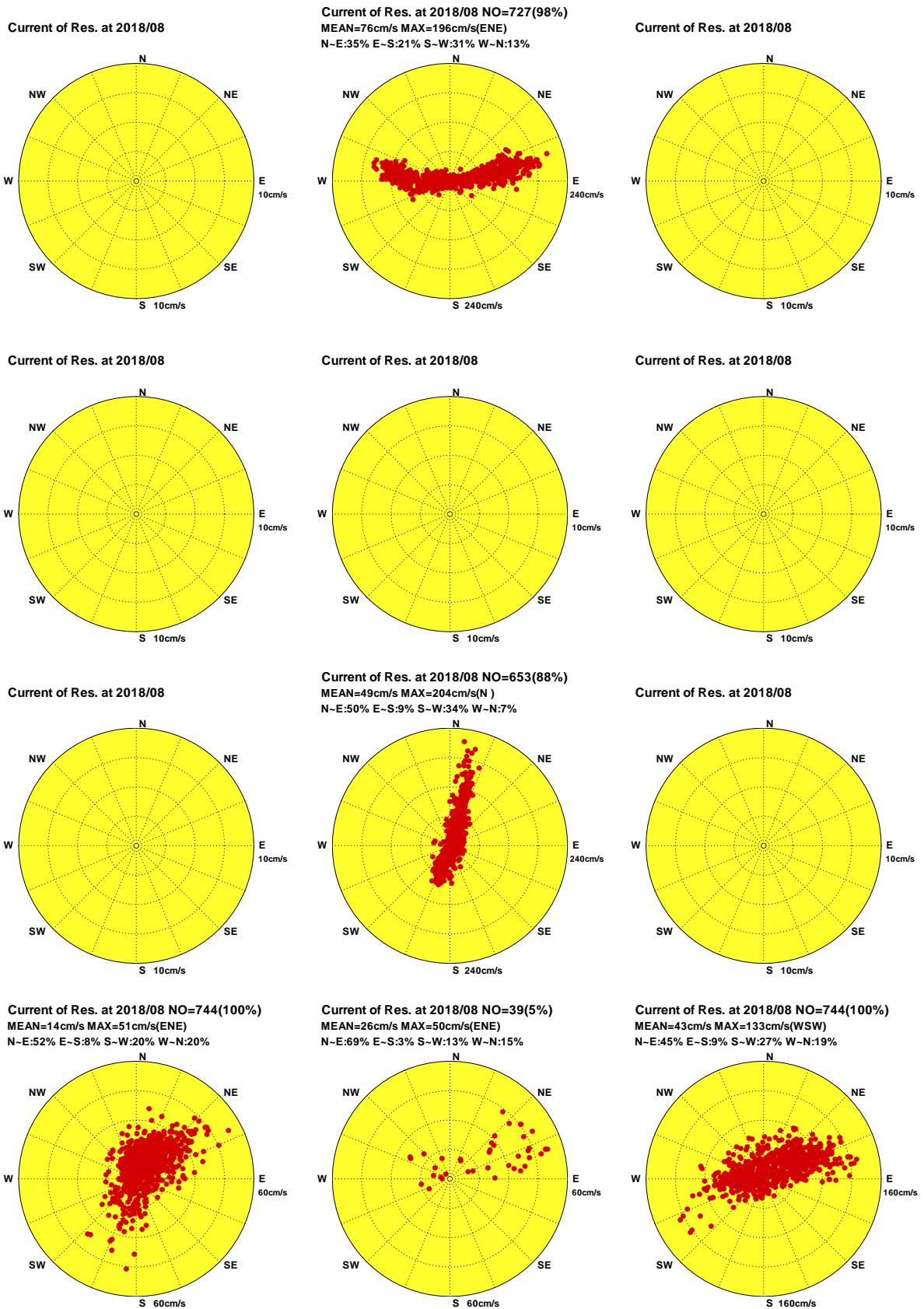


圖10.9e 2018年8月12海域主要測站3計算殘流向量分佈圖

C188TPZ0.1HR C188KLR0.1HR C188SAZ0.1HR C188HLZ0.1HR C188LTR0.1HR C188PNR0.1HR
 C188KH20.1HR C188CNY0.1HR C188TCZ0.1HR C188PHY0.1HR C188KMY0.1HR C188MSY0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

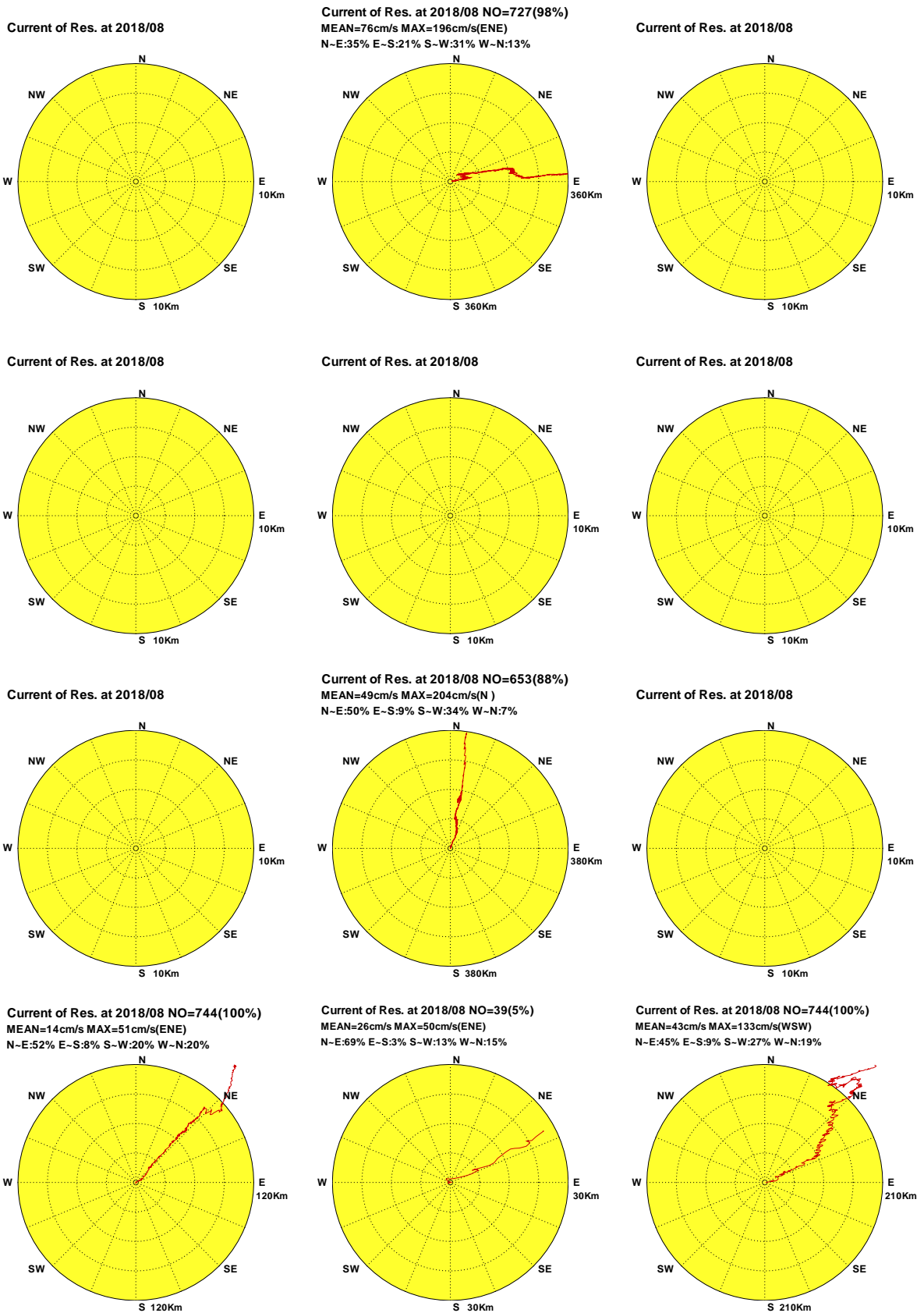


圖10.9f 2018年8月12海域主要測站3計算殘流向量行進圖

C188TPZ0.1HR C188KLR0.1HR C188SAZ0.1HR C188HLZ0.1HR C188LTR0.1HR C188PNR0.1HR
 C188KH20.1HR C188CNY0.1HR C188TCZ0.1HR C188PHY0.1HR C188KMY0.1HR C188MSY0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

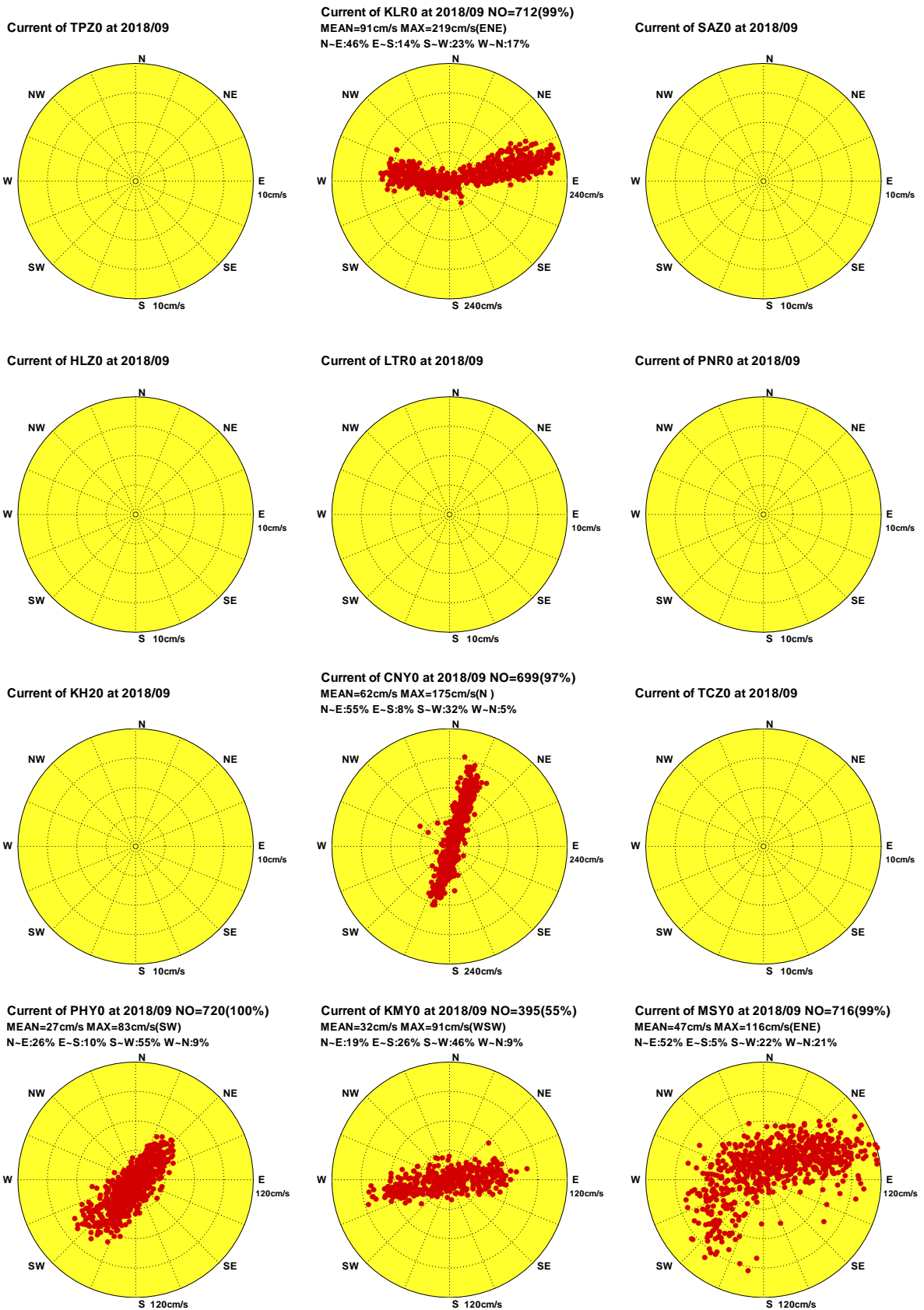


圖10.10a 2018年9月12海域主要測站3觀測海流向量分佈圖

C189TPZ0.1H0 C189KLR0.1H0 C189SAZ0.1H0 C189HLZ0.1H0 C189LTR0.1H0 C189PNR0.1H0
C189KH20.1H0 C189CNY0.1H0 C189TCZ0.1H0 C189PHY0.1H0 C189KMY0.1H0 C189MSY0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

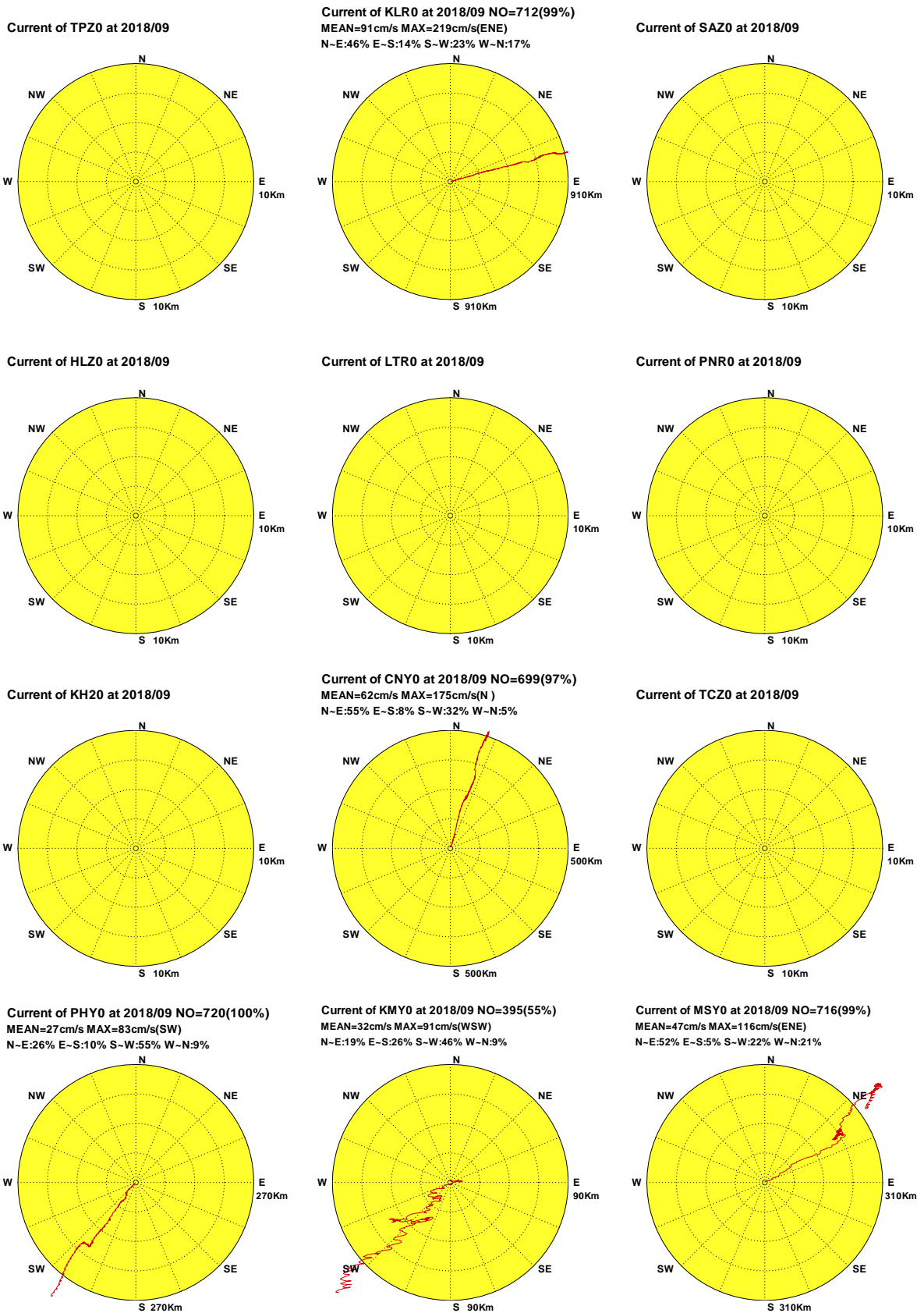


圖10.10b 2018年9月12海域主要測站3觀測海流向量行進圖

C189TPZ0.1H0 C189KLR0.1H0 C189SAZ0.1H0 C189HLZ0.1H0 C189LTR0.1H0 C189PNR0.1H0
C189KH20.1H0 C189CNY0.1H0 C189TCZ0.1H0 C189PHY0.1H0 C189KMY0.1H0 C189MSY0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

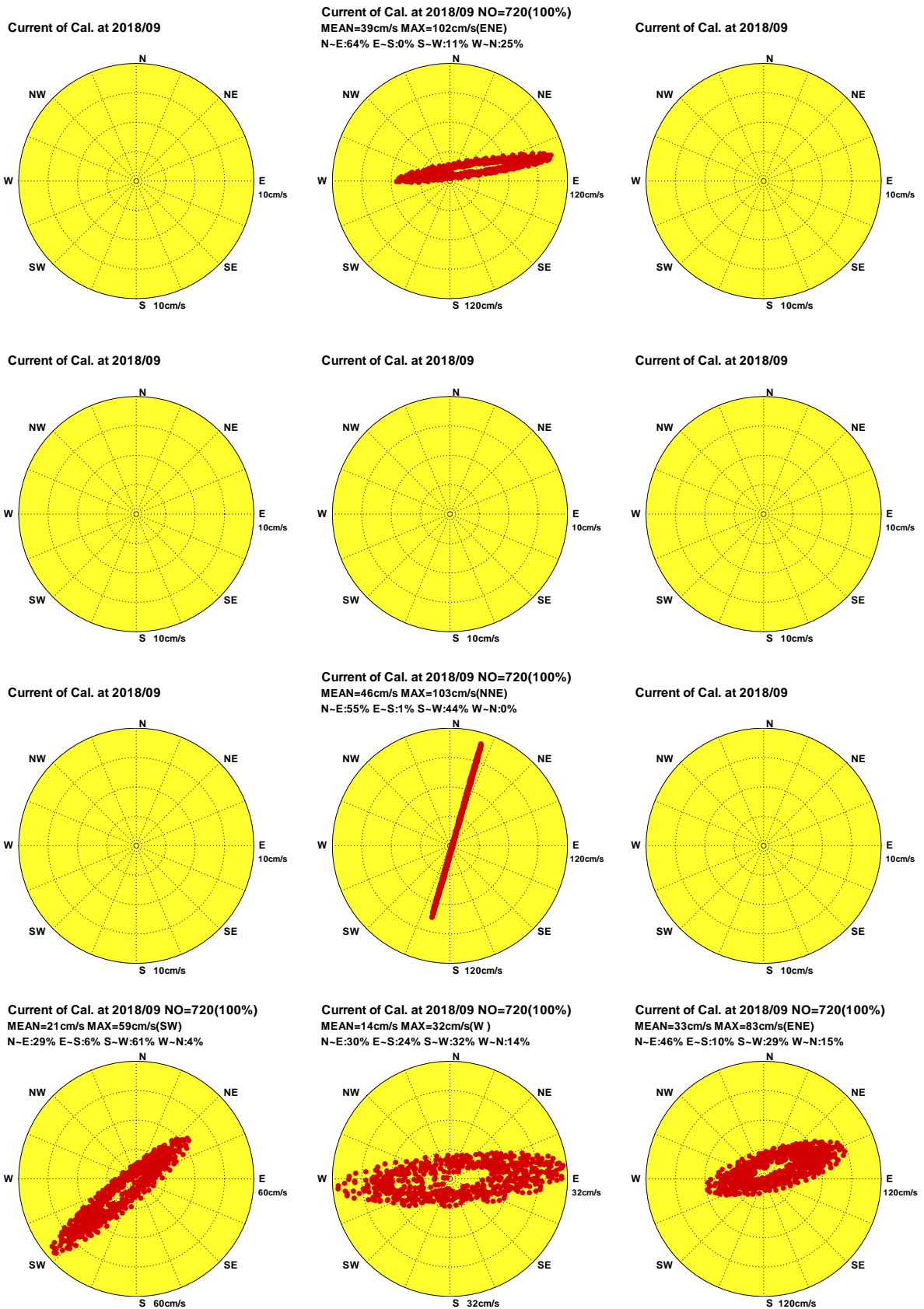


圖10.10c 2018年9月12海域主要測站3計算潮流向量分佈圖

C189TPZ0.1HD C189KLR0.1HD C189SAZ0.1HD C189HLZ0.1HD C189LTR0.1HD C189PNR0.1HD
 C189KH20.1HD C189CNY0.1HD C189TCZ0.1HD C189PHY0.1HD C189KMY0.1HD C189MSY0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

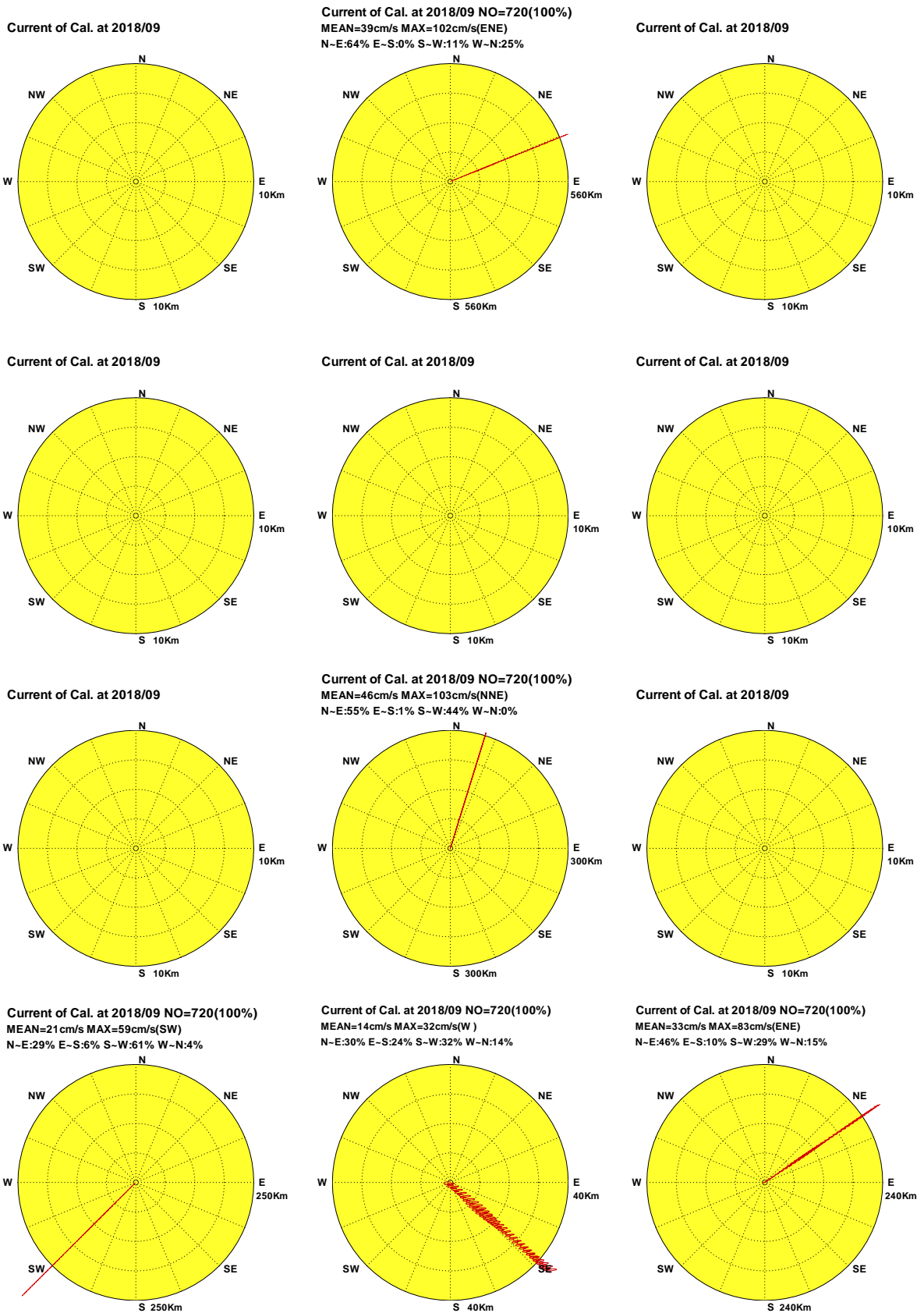


圖10.10d 2018年9月12海域主要測站3計算潮流向量行進圖

C189TPZ0.1HD C189KLR0.1HD C189SAZ0.1HD C189HLZ0.1HD C189LTR0.1HD C189PNR0.1HD
 C189KH20.1HD C189CNY0.1HD C189TCZ0.1HD C189PHY0.1HD C189KMY0.1HD C189MSY0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

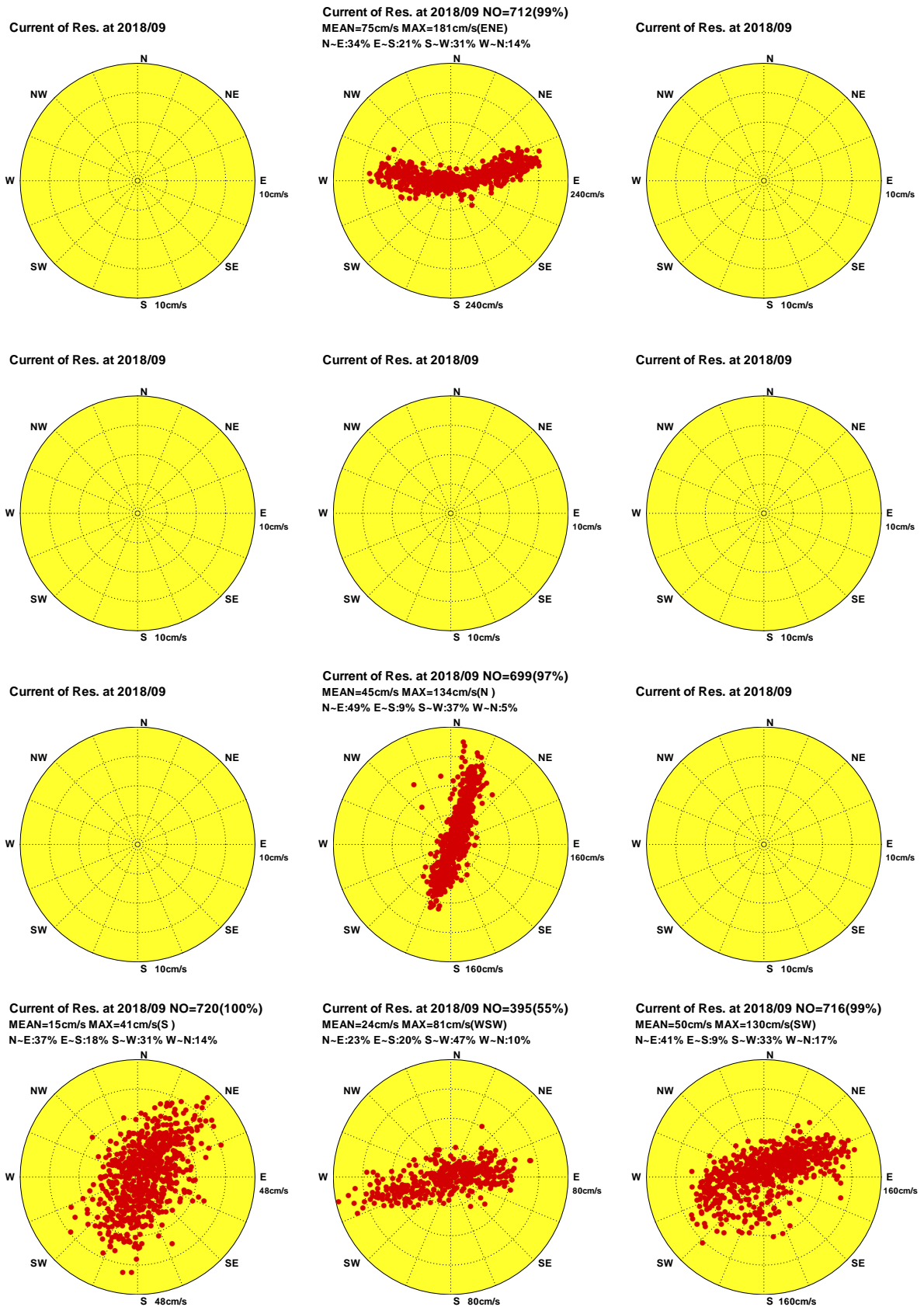


圖10.10e 2018年9月12海域主要測站3計算殘流向量分佈圖

C189TPZ0.1HR C189KLR0.1HR C189SAZ0.1HR C189HLZ0.1HR C189LTR0.1HR C189PNR0.1HR
 C189KH20.1HR C189CNY0.1HR C189TCZ0.1HR C189PHY0.1HR C189KMY0.1HR C189MSY0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

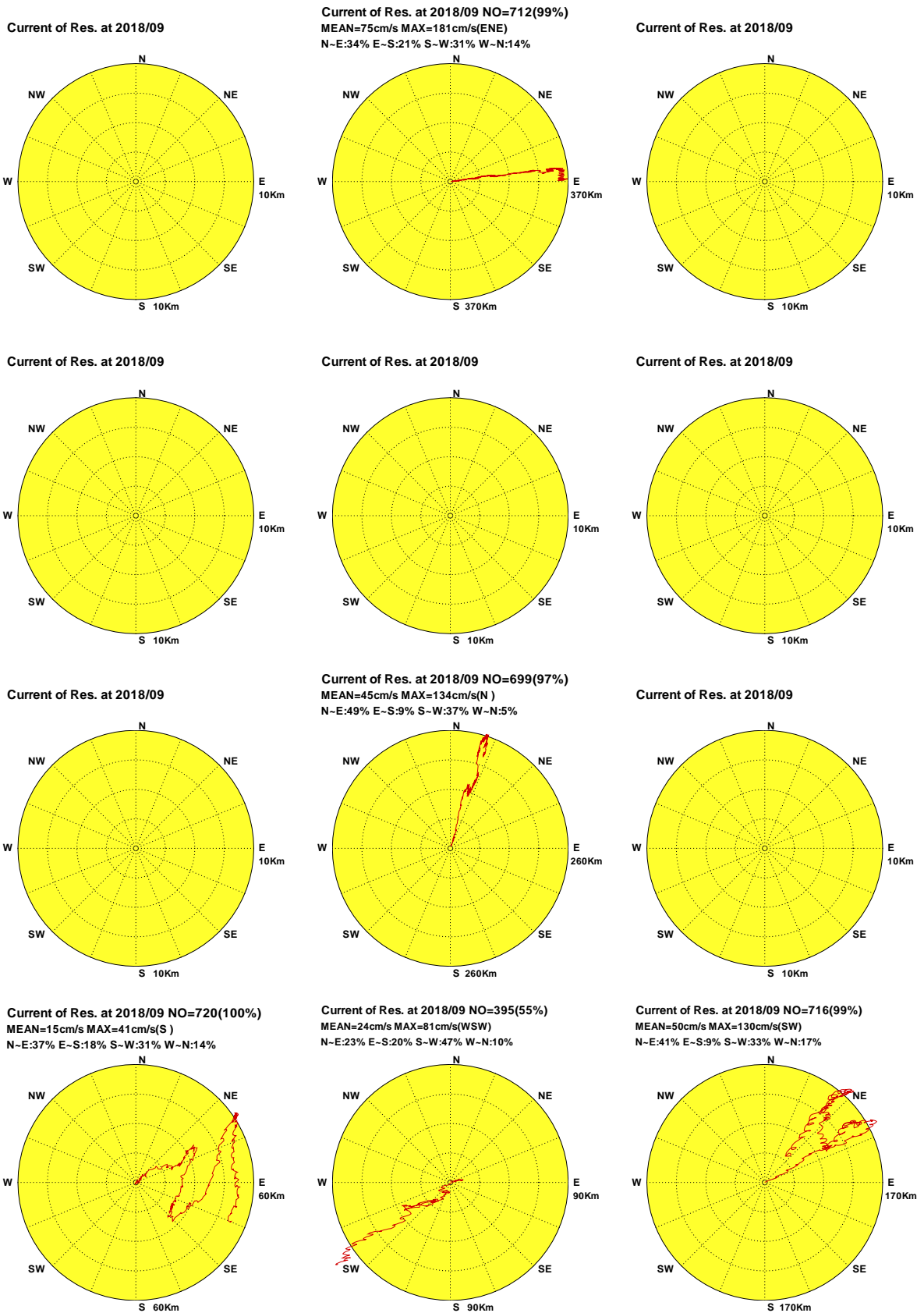


圖10.10f 2018年9月12海域主要測站3計算殘流向量行進圖

C189TPZ0.1HR C189KLR0.1HR C189SAZ0.1HR C189HLZ0.1HR C189LTR0.1HR C189PNR0.1HR
 C189KH20.1HR C189CNY0.1HR C189TCZ0.1HR C189PHY0.1HR C189KMY0.1HR C189MSY0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

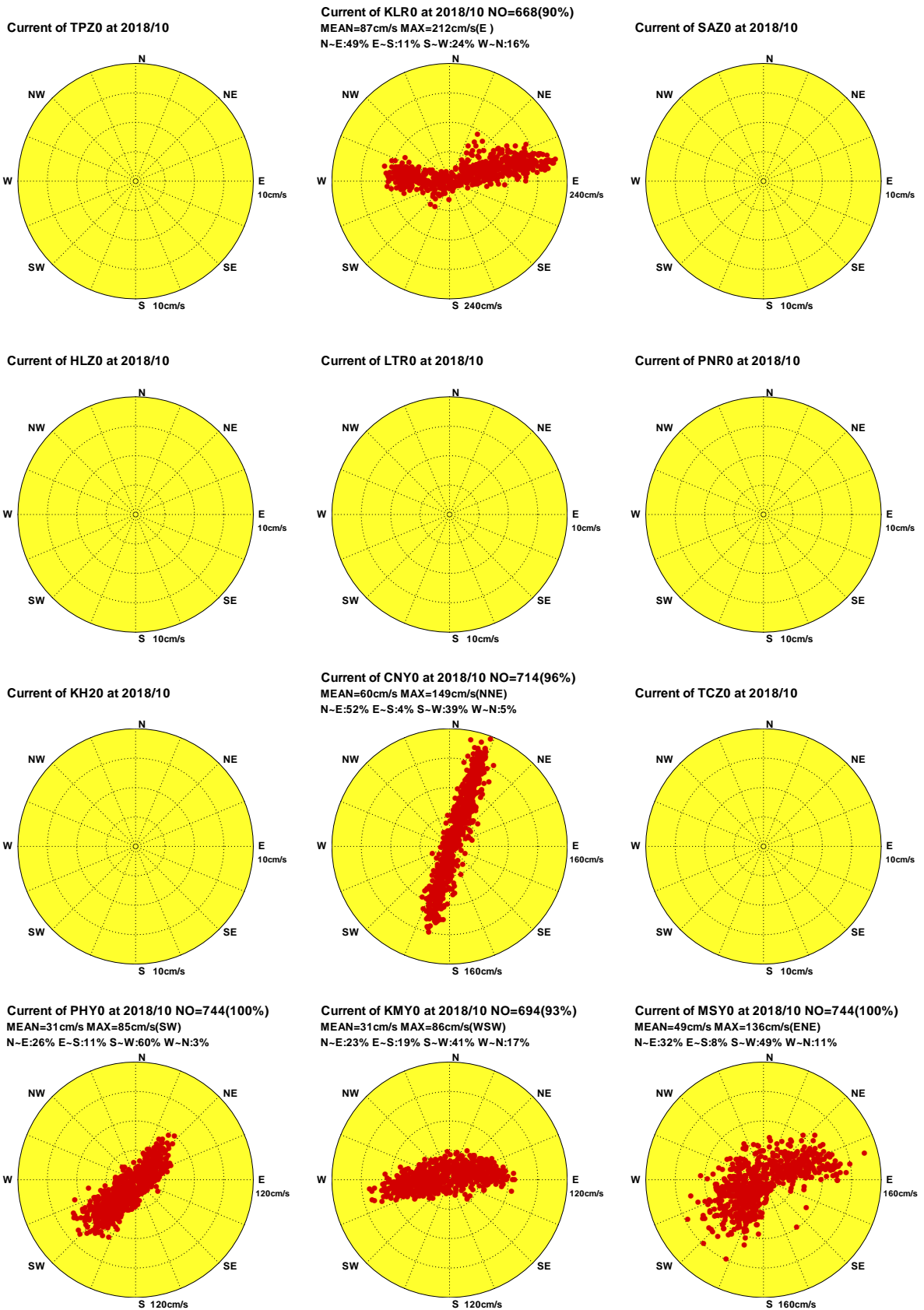


圖10.11a 2018年10月12海域主要測站3觀測海流向量分佈圖

C18ATPZ0.1H0 C18AKLR0.1H0 C18ASAZ0.1H0 C18AHLZ0.1H0 C18ALTR0.1H0 C18APNR0.1H0
C18AKHZ0.1H0 C18ACNY0.1H0 C18ATCZ0.1H0 C18APHY0.1H0 C18AKMY0.1H0 C18AMSY0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

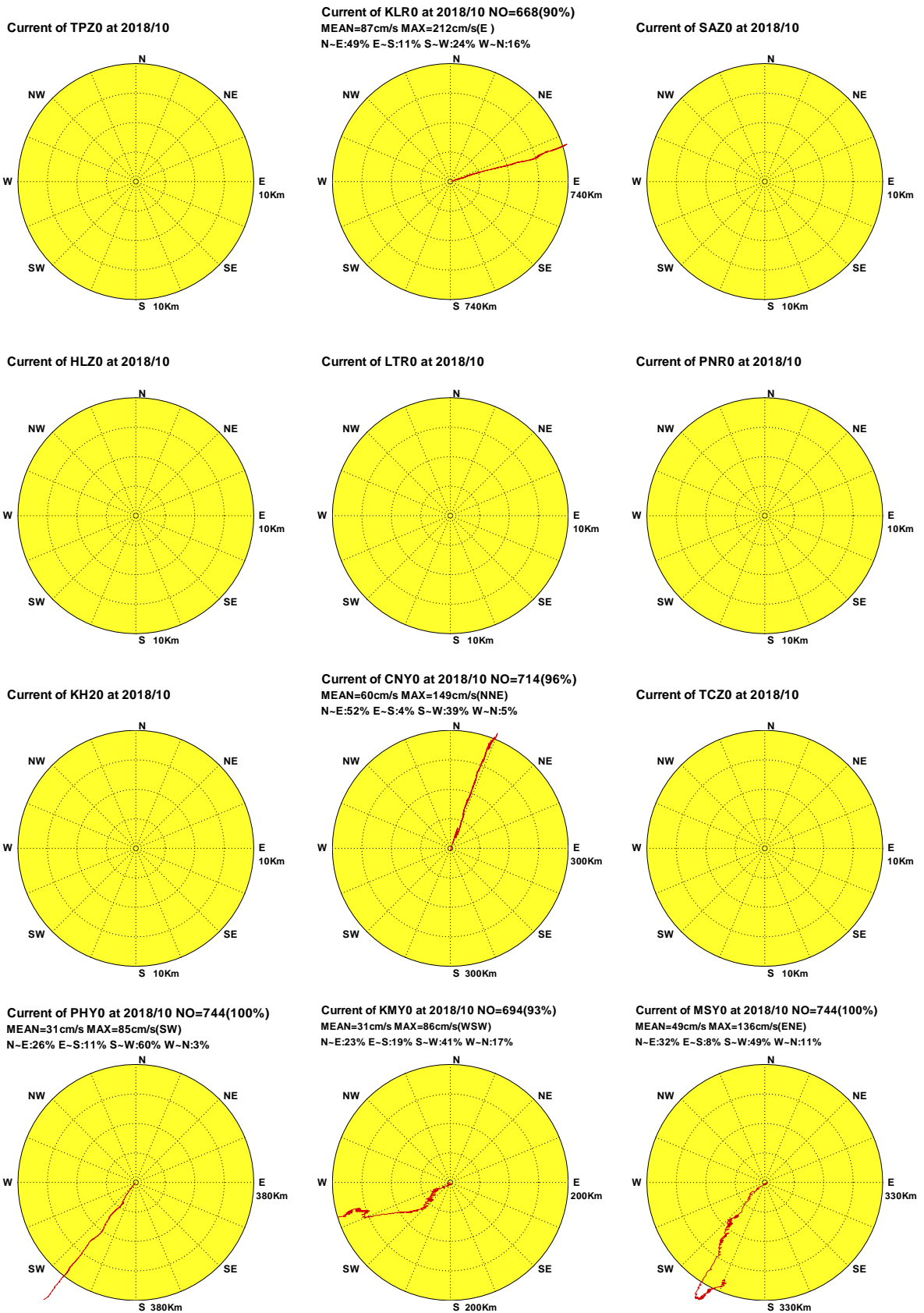


圖10.11b 2018年10月12海域主要測站3觀測海流向量行進圖

C18ATPZ0.1H0 C18AKLR0.1H0 C18ASAZ0.1H0 C18AHLZ0.1H0 C18ALTR0.1H0 C18APNR0.1H0
 C18AKH20.1H0 C18ACNY0.1H0 C18ATCZ0.1H0 C18APHY0.1H0 C18AKMY0.1H0 C18AMSY0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

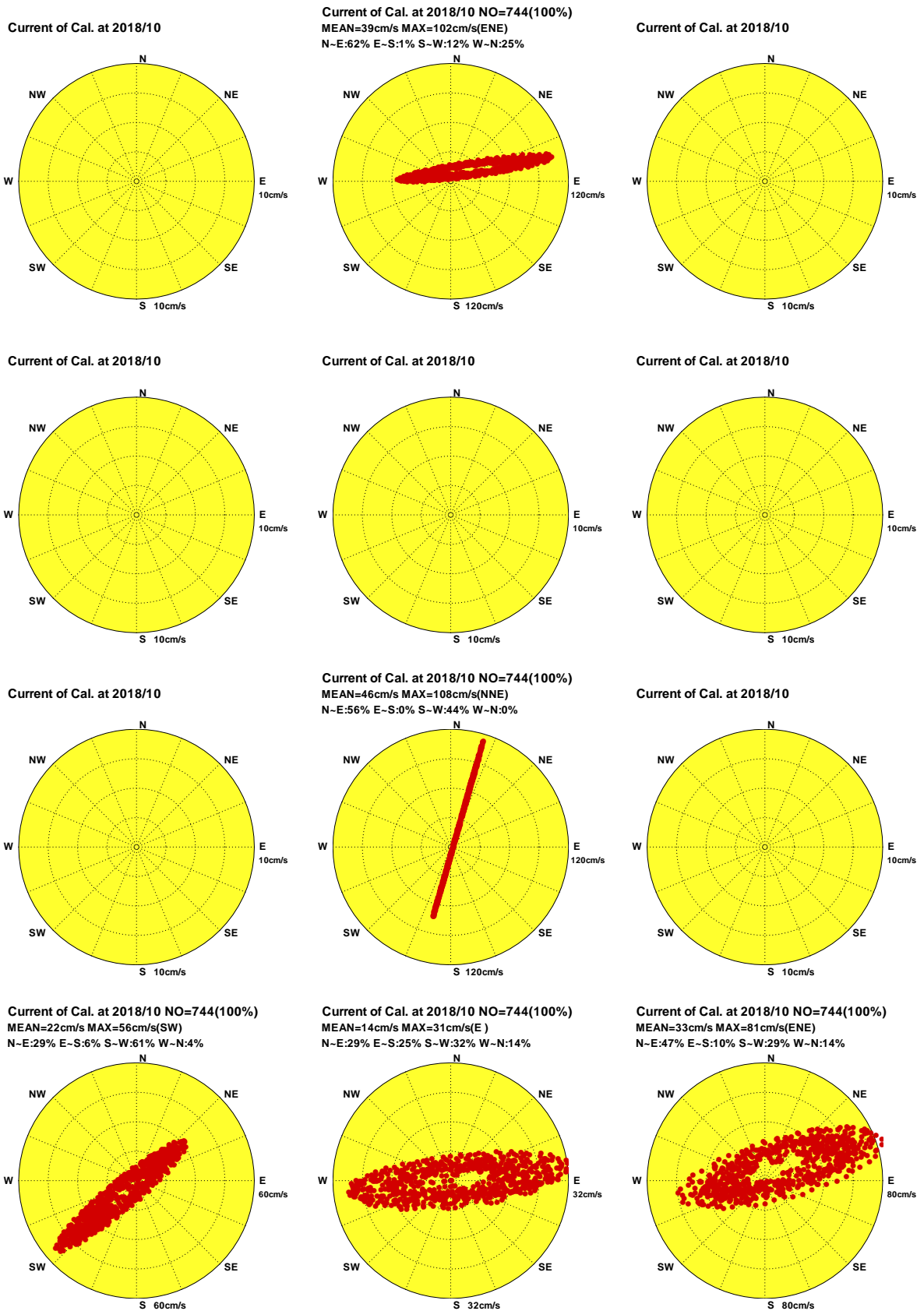


圖10.11c 2018年10月12海域主要測站3計算潮流向量分佈圖

C18ATPZ0.1HD C18AKLR0.1HD C18ASAZ0.1HD C18AHLZ0.1HD C18ALTR0.1HD C18APNR0.1HD
 C18AKH20.1HD C18ACNY0.1HD C18ATCZ0.1HD C18APHY0.1HD C18AKMY0.1HD C18AMSY0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

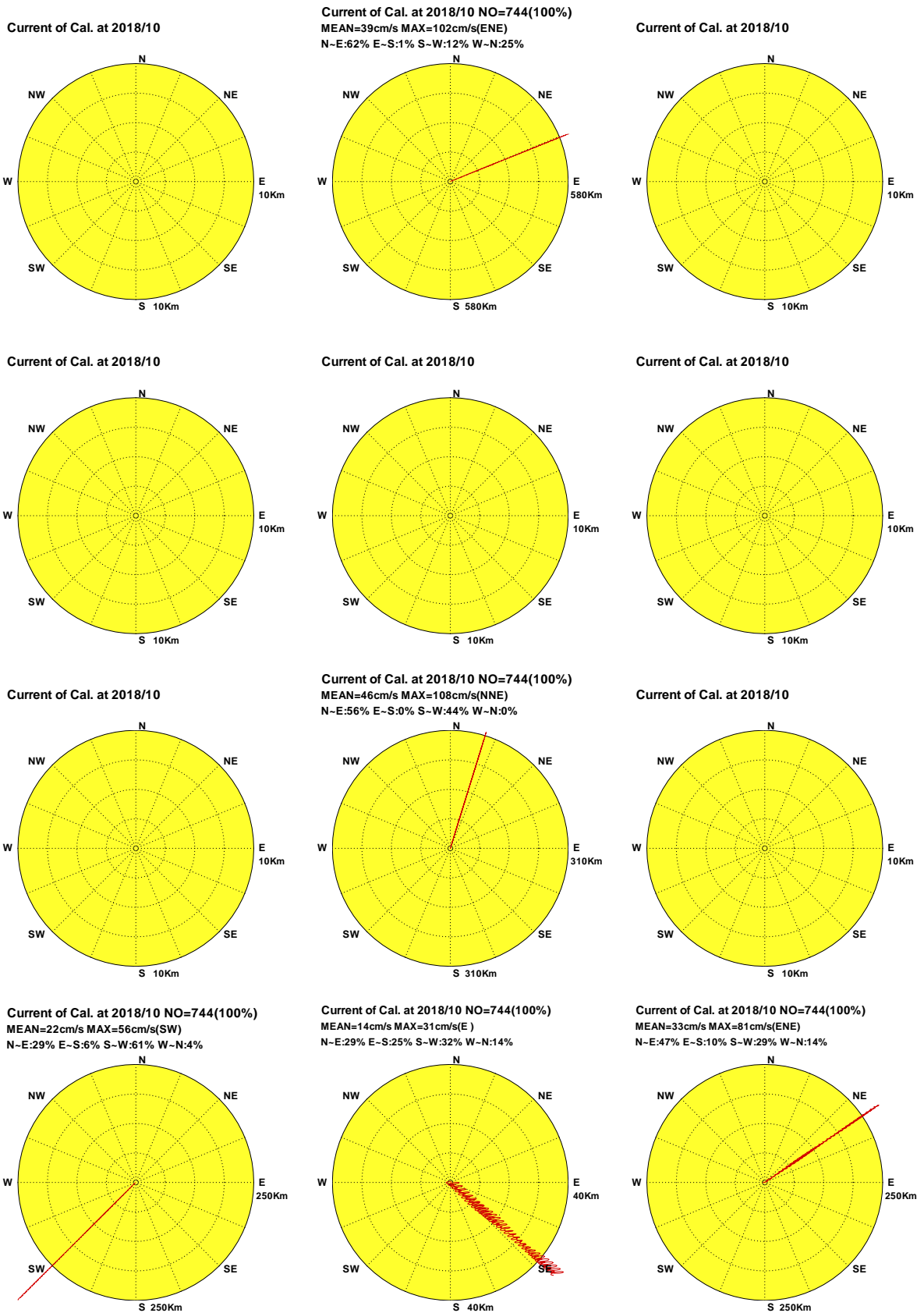


圖10.11d 2018年10月12海域主要測站3計算潮流向量行進圖

C18ATPZ0.1HD C18AKLR0.1HD C18ASAZ0.1HD C18AHLZ0.1HD C18ALTR0.1HD C18APNR0.1HD
C18AKH20.1HD C18ACNY0.1HD C18ATCZ0.1HD C18APHY0.1HD C18AKMY0.1HD C18AMSY0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

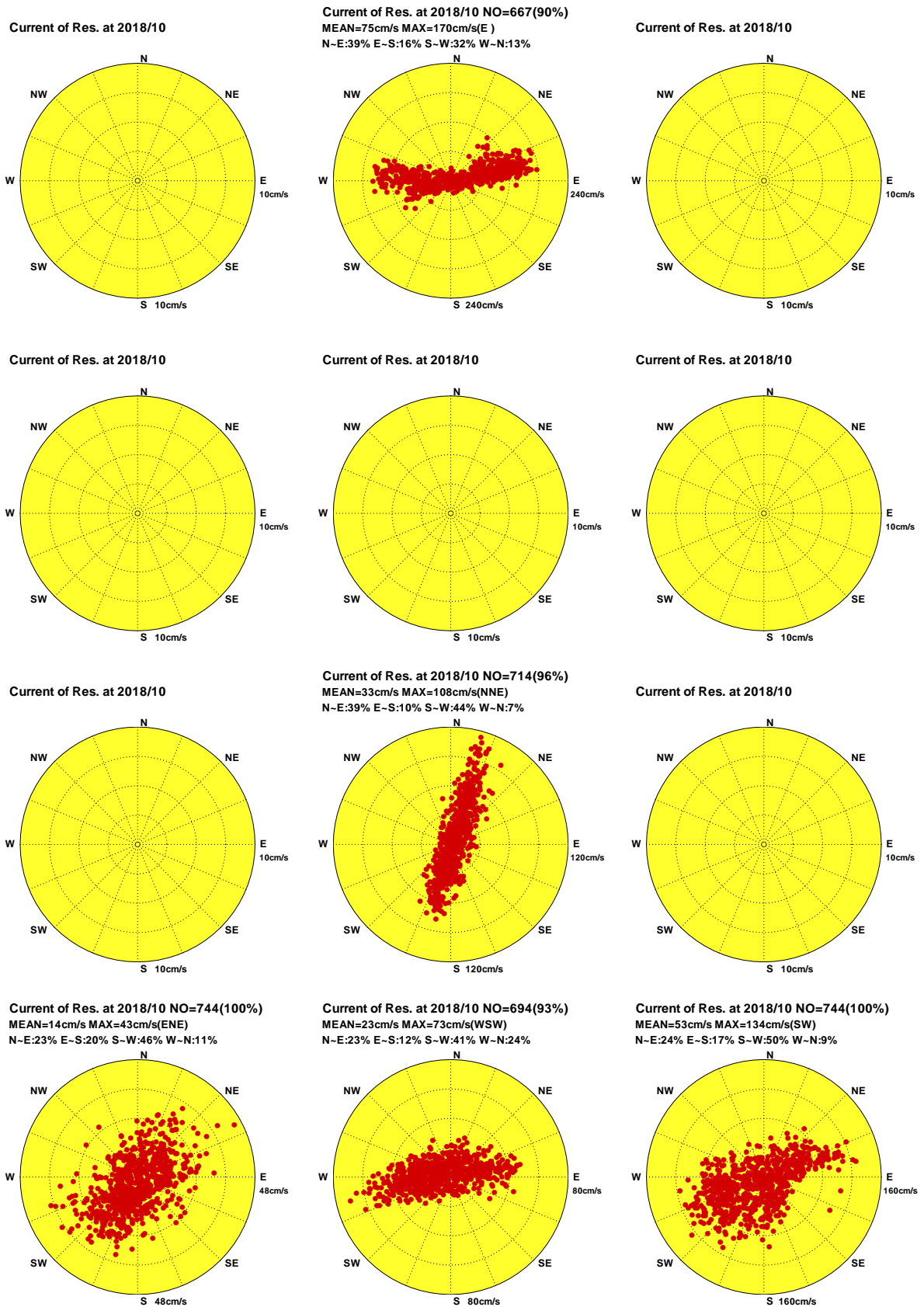


圖10.11e 2018年10月12海域主要測站3計算殘流向量分佈圖

C18ATPZ0.1HR C18AKLR0.1HR C18ASAZ0.1HR C18AHLZ0.1HR C18ALTR0.1HR C18APNR0.1HR
 C18AKH20.1HR C18ACNY0.1HR C18ATCZ0.1HR C18APHY0.1HR C18AKMY0.1HR C18AMSY0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

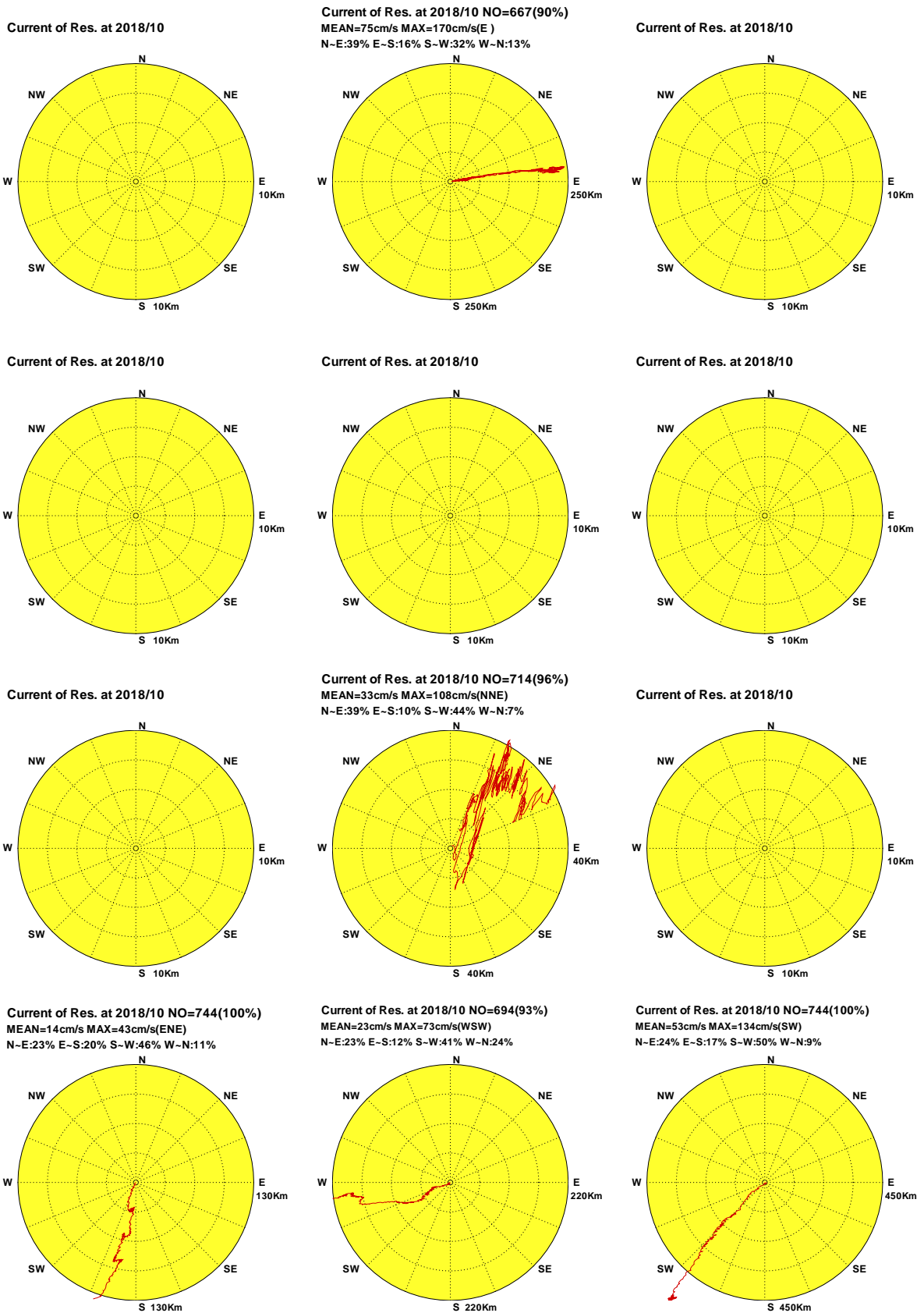


圖10.11f 2018年10月12海域主要測站3計算殘流向量行進圖

C18ATPZ0.1HR C18AKLR0.1HR C18ASAZ0.1HR C18AHLZ0.1HR C18ALTR0.1HR C18APNR0.1HR
 C18AKH20.1HR C18ACNY0.1HR C18ATCZ0.1HR C18APHY0.1HR C18AKMY0.1HR C18AMSY0.1HR

Institute of Harbor & Marine Technology

Distribution of Current Vectors

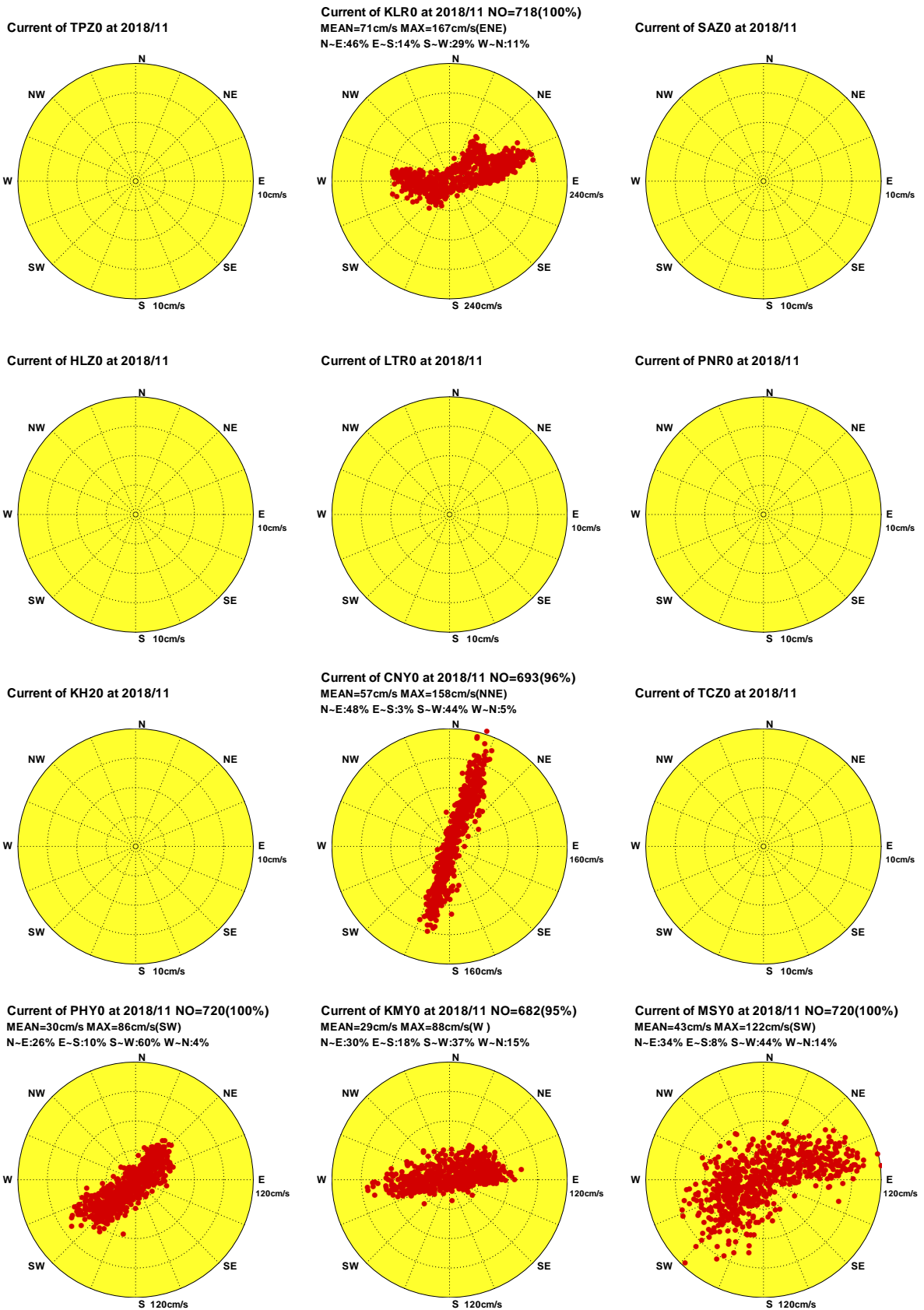


圖10.12a 2018年11月12海域主要測站3觀測海流向量分佈圖

C18BTPZ0.1H0 C18BKLR0.1H0 C18BSAZ0.1H0 C18BHLZ0.1H0 C18BLTR0.1H0 C18BPNR0.1H0
C18BKH20.1H0 C18BCNY0.1H0 C18BTCZ0.1H0 C18BPHY0.1H0 C18BKMY0.1H0 C18BMSY0.1H0

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

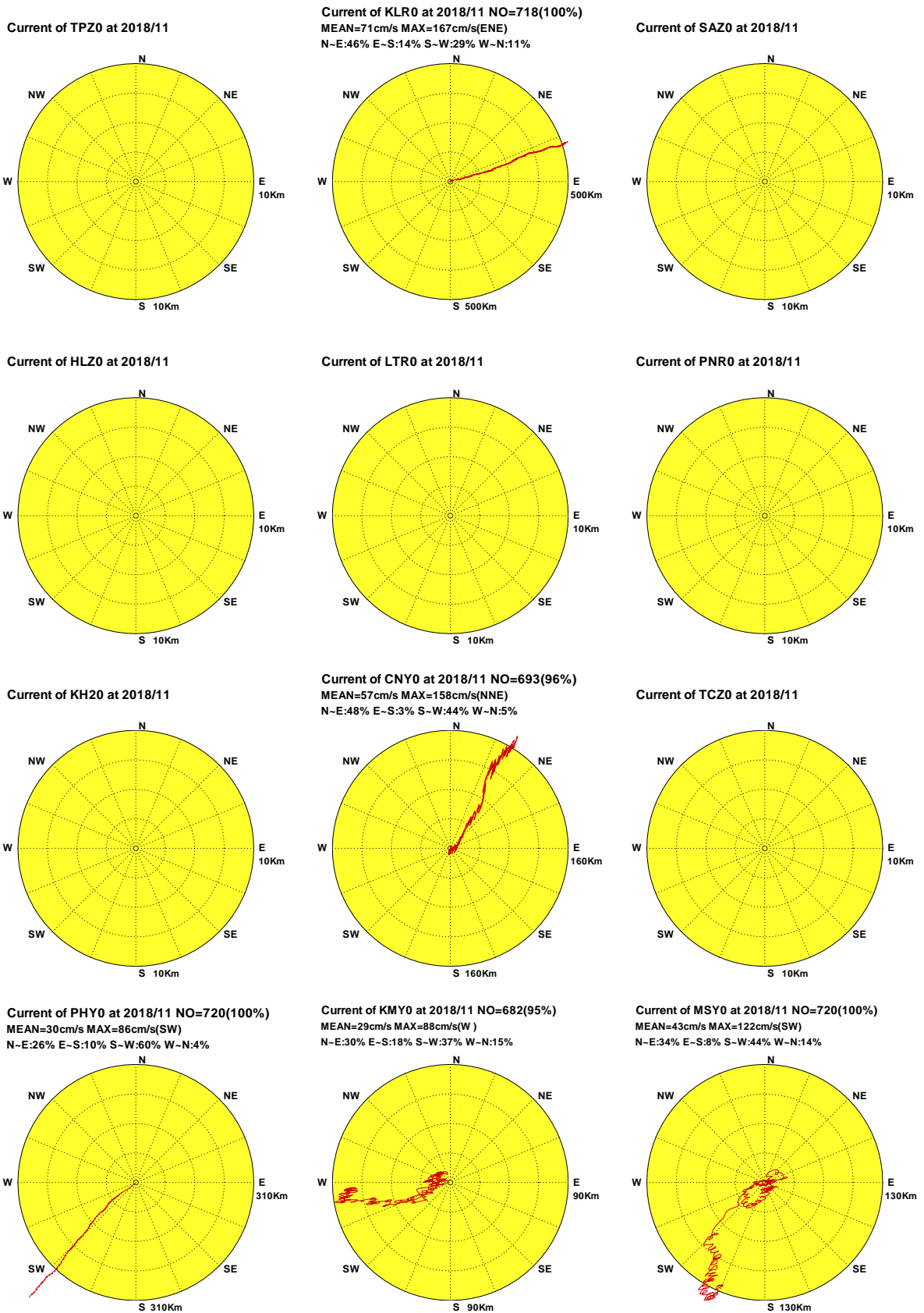


圖10.12b 2018年11月12海域主要測站3觀測海流向量行進圖

C18BTPZ0.1H0 C18BKLR0.1H0 C18BSAZ0.1H0 C18BHLZ0.1H0 C18BLTR0.1H0 C18BPNR0.1H0
 C18BKH20.1H0 C18BCNY0.1H0 C18BTCZ0.1H0 C18BPHY0.1H0 C18BKMY0.1H0 C18BMSY0.1H0

Institute of Harbor & Marine Technology

Distribution of Current Vectors

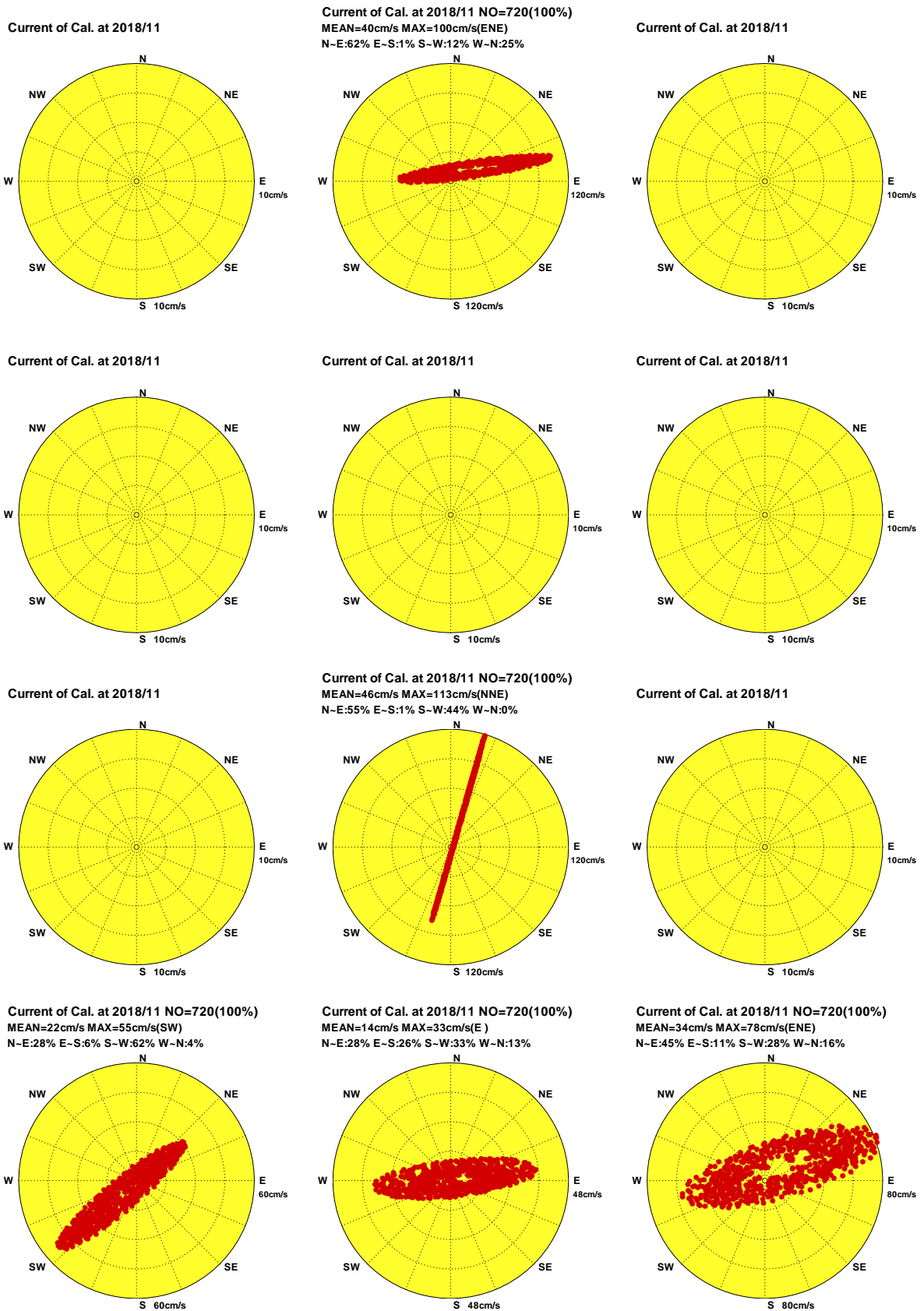


圖10.12c 2018年11月12海域主要測站3計算潮流向量分佈圖

C18BTPZ0.1HD C18BKLR0.1HD C18BSAZ0.1HD C18BHLZ0.1HD C18BLTR0.1HD C18BPNR0.1HD
C18BKHZ0.1HD C18BCNY0.1HD C18BTCZ0.1HD C18BPHY0.1HD C18BKMY0.1HD C18BMSY0.1HD

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

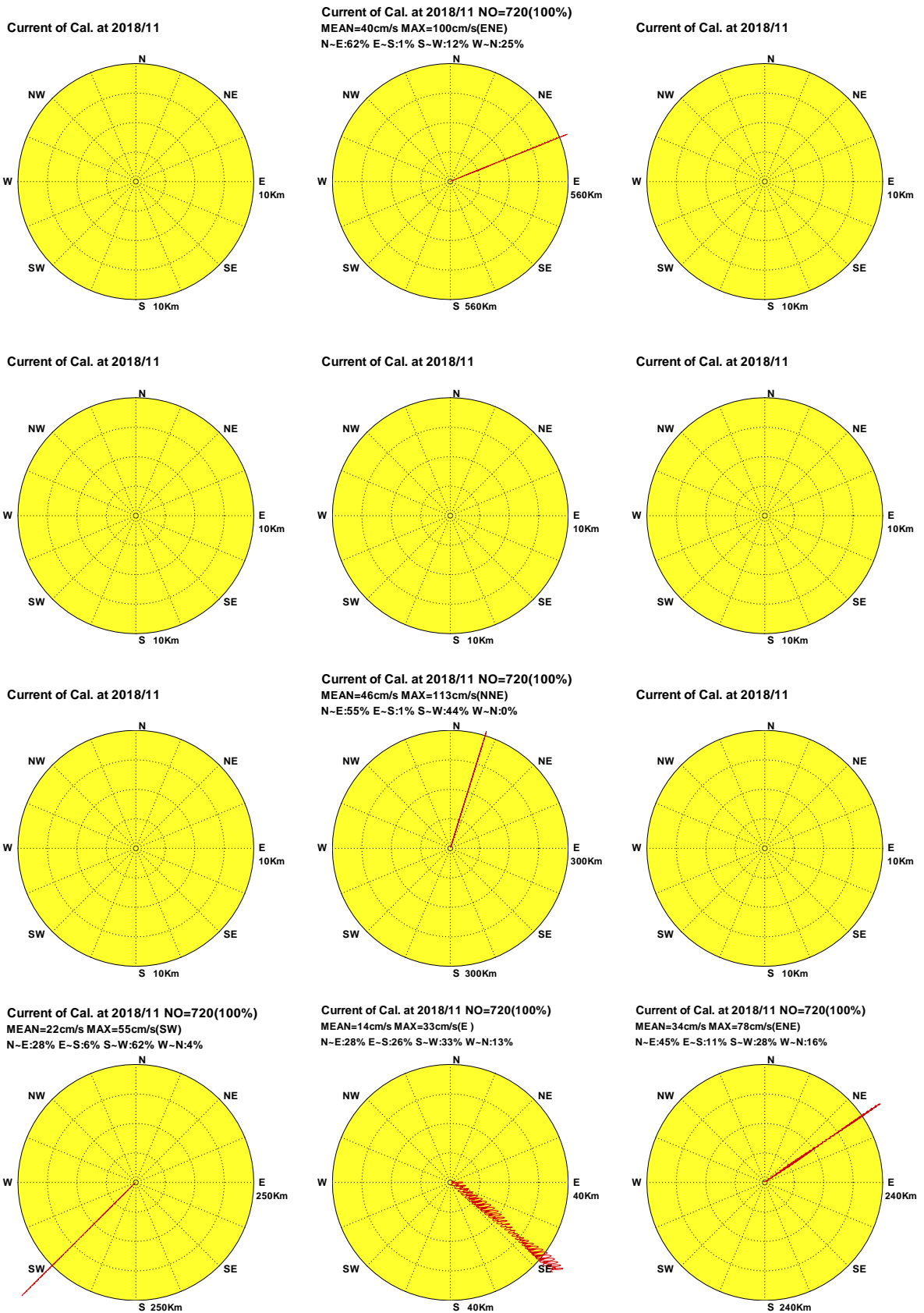


圖10.12d 2018年11月12海域主要測站3計算潮流向量行進圖

C18BTPZ0.1HD C18BKLR0.1HD C18BSAZ0.1HD C18BHLZ0.1HD C18BLTR0.1HD C18BPNR0.1HD
 C18BKHZ0.1HD C18BCNY0.1HD C18BTCZ0.1HD C18BPHY0.1HD C18BKMY0.1HD C18BMSY0.1HD

Institute of Harbor & Marine Technology

Distribution of Current Vectors

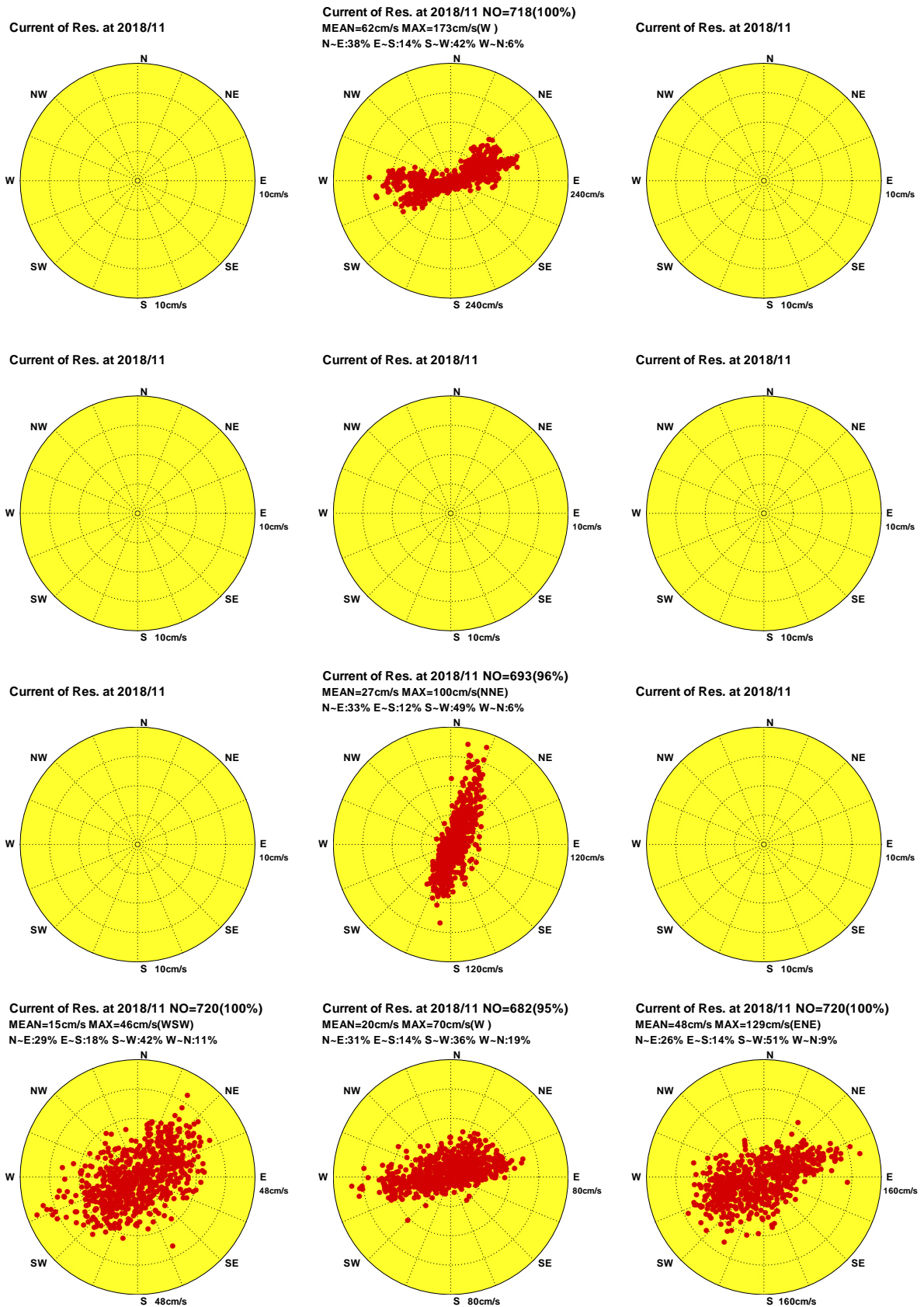


圖10.12e 2018年11月12海域主要測站3計算殘流向量分佈圖

C18BTPZ0.1HR C18BKLR0.1HR C18BSAZ0.1HR C18BHLZ0.1HR C18BLTR0.1HR C18BPNR0.1HR
 C18BKHZ0.1HR C18BCNY0.1HR C18BTCZ0.1HR C18BPHY0.1HR C18BKMY0.1HR C18BMSY0.1HR

Institute of Harbor & Marine Technology

Progressive Vector Diagram of Current

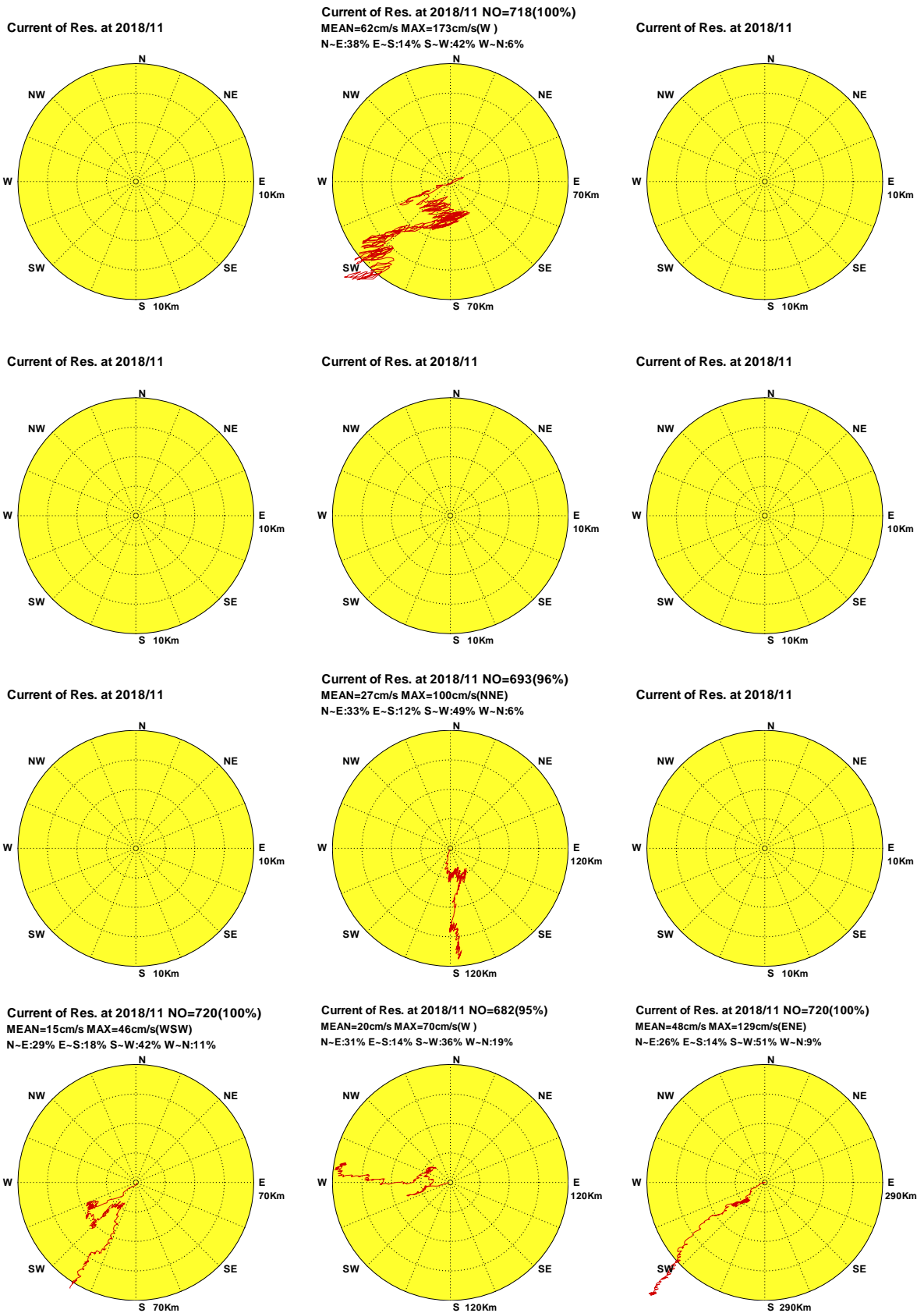


圖10.12f 2018年11月12海域主要測站3計算殘流向量行進圖

C18BTPZ0.1HR C18BKLR0.1HR C18BSAZ0.1HR C18BHLZ0.1HR C18BLTR0.1HR C18BPNR0.1HR
 C18BKHZ0.1HR C18BCNY0.1HR C18BTCZ0.1HR C18BPHY0.1HR C18BKMY0.1HR C18BMSY0.1HR

Institute of Harbor & Marine Technology