

The International SafetyNET Coordinating Panel
Halifax, NS Canada, 29 August 2019
SUMMARY REPORT

- 1.1 The Chair welcomed all and explained the background to the establishment of the formal meeting and the Panel, itself. He highlighted the membership of the Panel and he invited all participants of the WWNWS-SC to continue as observers to the Panel. He noted the reasoning of the IMO Secretariat for having a more formal meeting process and subsequent reporting to NSCR separately to the WWNWS-SC report. He highlighted the full voting members of the Panel, who would be required provide their recorded approval of any decisions.

The Chair noted that there was a need, due to the additional workload, that a vice-Chair and Secretary should be appointed. He requested the IMO Secretary to consider taking on the role of secretary to the Panel. The Chair proposed that Trond Ski (Norway) as the vice-Chair, this was supported by the IHO, IMO, WMO and IMSO.

- 1.2 The agenda was displayed and approved.
- 2 The Chair provided his report on the International SafetyNET Coordinating Panel activities.
- 2.1 The Chair displayed the revised ToRs approved at MSC 101 and published in MSC.1/Circ.1364/Rev.1/Corr.1. He highlighted the revisions which had been approved and the process which the ToRs support. It was noted that the name of the panel would become the IMO EGC Coordinating Panel from 1 January 2020. He explained the application process to become a potential NAV or MET Area Coordinator.
- 2.2 The Chair noted that the International SafetyNET Services Manual had been reviewed and amended earlier in the meeting. It was agreed that clean and track change versions of the manual would be uploaded to the WWNWS-SC page of the IHO website and provided to the WMO Secretariat for approval by the Chair of the WWMIWS-C by 23 September to meet the IMO 15 October document submission deadline. **Action 1 - Chair/vice-Chair/IHO/WMO**
- 3 The Chair outlined the current Iridium SafetyCast service operational implementation timeline and the initial actions which need to be completed to move through the process. There was considerable discussion on the connection methods used between Coordinators and the satellite service providers to ensure a secure connection. The Chair recommended registering all with the web based interface, which would highlight the ease of use and increased security, thereafter it would be for individual users to decide whether to continue or use a different connection method. It was noted that the IMO needed to direct the service providers to solve the single point of entry via an API approach, until such time the separate commercial identities would prevail. The Chair noted that IMO Member States were beginning to recognize the need to resolve the issue, although a solution had yet to be identified. IMSO noted that the

The International SafetyNET Coordinating Panel
Halifax, NS Canada, 29 August 2019
SUMMARY REPORT

LRIT system had achieved a solution, although there were limitations. The IMO noted that currently there was no identified requirement from Member States to develop a solution and therefore no push for a planned output from NCSR; he suggested that the WWNWS-SC and WWMIWS-C could initiate the process to identify a need and obtain Member State support to include it in the NCSR programme of work for a future biennium. NAVAREAs X/XVII_XVIII agreed to lead the development of an experimental API (MSIAPIWG under the WWNWS-SC) – NAVAREAs I/II/IV_XII/XIV/XIX, Inmarsat, Iridium and IMSO volunteered to assist. The Chair requested that initial ideas and feedback were provided to be included in the Panel report. **Action 2 - NAVAREAs X/XVII_XVIII** NAVAREAs X/XVII_XVIII agreed to develop TORs for the MSIAPIWG, which would be circulated to the members for their endorsement and approval. **Action 3 - NAVAREAs X/XVII_XVIII**

- 4 The Chair highlighted the amended wording approved by MSC 101 to the original draft of the Panels Terms Of Reference, Authorization, Certification and Registration of information providers which opened a degree latitude and discretion to individual certified authorities to conclude an agreement, or not, with Iridium for access to the SafetyCast service, which had not been the original intent that was to require all authorities to conclude an agreement with Iridium. The Chair highlighted the signing of contacts with Iridium and the processes which needed to be followed by individual national administrations. He noted that each national administration had particular requirements and levels of authorization to sign the contracts. NAVAREA XIV highlighted the issue that there was a need to know the anticipated level of financial commitment to enable the administration to know at which level the signatory needed to be. The Chair noted that on connection there would be a level of historical in force messages which would need to be broadcast via the system on initial connection, which could increase the initial costs to administrations. All participants indicated that there were significant concerns at signing a contract with Iridium, the Chair suggested that an extension of the current 30 September deadline be considered to allow all more time for administrations. Iridium noted that the two year period would allow administrations to work out what the ongoing costs and therefore the most appropriate plan would be for them into the future. NAVAREA VIII indicated that they are unable to operate Iridium at present. Iridium noted that the USCG had set the date of 1 January 2020, he noted that Iridium intended to be SOLAS carriage compliant and technically ready, he noted that operationally this may take long. **Action 4 – Chair formally request Iridium to delay “free introductory deadline” from 20 Sep to 31 Dec 2019.**
- 5 The Chair highlighted the proposed draft test check list, which had been developed by members of the WWNWS-SC and WWMIWS-C to ensure a comprehensive test of functionality by all NAV and MET Area Coordinators to provide a level of confidence for each individual administration. NAVAREA XIV provided the background and

The International SafetyNET Coordinating Panel
Halifax, NS Canada, 29 August 2019
SUMMARY REPORT

detail on the development of the check list. The Chair indicated that the check list would be emailed to all NAV and MET Area Coordinators to review the test check list and provide input and feedback to Chair and NAVAREA XIV by 27 September.

Action 5- All

The Chair then displayed the proposed NtM which would be issued to inform the maritime community of the testing of the Iridium SafetyCast service prior to full operational capability, also noting that a further NtM would be issued to inform of the full operational capability of Iridium SafetyCast service as a fully operational mobile satellite service in the GMDSS. NAVAREA VIII requested clarification on when full global FOC would be announced; the Chair indicated that this would be advised to the IMO for their action when there were no gaps in the global service. The Chair emphasised that it was individual Coordinators who would advise him of their readiness to move from IOC and FOC, there would be no set deadlines by the Panel. NAVAREA IX suggested target dates for IOC and FOC would assist in gaining acceptance of administrations to take action and meet their obligations. The Chair suggested that IOC could start on 1 January 2020, however he felt it would be difficult to put a length on how long the process would take. The Arctic areas noted that the period needed to cover both the north and aural summer periods to ensure proper capability test in these areas. NAVAREA IV_XII suggested 31 December should be a target for signing of contracts and WWNWS12 would be a suitable target to gain a status report on IOC progress and allow a more informed assessment of progress towards FOC. The Chair recommended an assessment could be made at DRWG18, with the knowledge of NCSR 7 outcomes, to assess progress and towards IOC. It was agreed to investigate remote participation for those who could not attend DRWG18.

The Chair displayed the proposed draft IOC SafetyNET broadcast message. The Chair requested all Coordinators provide input and feedback of the announcement in preparation for further review at the DRWG18. **Action 6 - All** The Chair requested these draft messages would be available from the WWNWS-SC page of the IHO website. **Action 7 - Chair/IHO** The Chair displayed the test messages developed at the DRWG17 and available from the DRWG17 document page. It was agreed that the Chair would request an action of NCSR to request the Secretariat to update the GISIS module and the GMDSS Master Plan to include Iridium. The Chair requested the draft message templates be moved to the WWNWS11 meeting documents. **Action 8 - IHO**

The Chair displayed the draft revised Certificates of Authorization for authorities to access the Inmarsat and Iridium services in accordance with their identified activity requirements. The Chair requested IMO, Inmarsat and Iridium to provide updated logos for inclusion on the certificates. **Action 9 - IMO/Inmarsat/Iridium** The Chair requested the draft corrected Certificate templates also be added to the WWNWS-SC document page. **Action 10 - NAVAREA IV_XII/IHO**

The International SafetyNET Coordinating Panel
Halifax, NS Canada, 29 August 2019
SUMMARY REPORT

- 6 The Chair highlighted the application of BeiDou for recognition as a mobile satellite service provider in the GMDSS. The Coordinators expressed their concerns on the additional resources needed to service these additional providers and multiple terminals. The Chair highlighted potential national restrictions on access to certain web based applications, NAVAREA X suggested Cloud based solutions may be the way forward. The issue of additional providers and costs initiated a wide ranging discussion on potential funding models to spread the costs across all IMO Member States rather than relying on the small number of states providing Coordinator services. The Chair urged and encouraged all Coordinators to engage with their administrations and representatives at the IMO to ensure their views and concerns are acknowledge and articulated during the IMO meetings. **Action 11 - All**
- 7 MSC.1/Circ.1611 – *Fleet Safety* – was displayed for information.
- 8 Next meeting to be held during DRWG18 the week following NCSR7
- 9 Meeting closed.

The International SafetyNET Coordinating Panel
Halifax, NS Canada, 29 August 2019
SUMMARY REPORT

The International SafetyNET Coordinating Panel
Halifax, NS Canada, 29 August 2019
SUMMARY REPORT

Action Number	Agenda Item	Subject	Status / Due Date	Comments	Action By
1	2.2	SafetyNET Manual	27 September	Clean and track change versions of the manual would be uploaded to the WWNWS-SC page of the IHO website and provided to the WMO Secretariat for approval by the Chair of the WWMIWS-C	Chair/vice-Chair/ IHO/WMO
2	3	MSIAPIWG	4 October	Lead the development of an experimental API and provide input to the Panel report to NCSR 7	NAVAREAs X/XVII_XVI II
3	3	MSIAPIWG		Develop TORs for the MSIAPIWG, which would be circulated to the members for their endorsement and approval	NAVAREAs X/XVII_XVI II/All
4	3	Iridium SafetyCast Contract	Complete	Send request to Iridium asking for delay in “free introductory period” to 31 Dec 2019. Update: Iridium informed the Panel they can agree to an extension of the deadline to the 31st October. They noted the desire to conclude these agreements before the end of the year to allow them to complete other operational tasks.	Chair
5	5	Iridium SafetyCast service implementation	27 September	Provide feedback and input to Chair on proposed IOC and FOC test check lists	All
6	5	Iridium SafetyCast service implementation	13 December	Provide input and feedback of the proposed draft IOC SafetyNET broadcast message in preparation for further review at the DRWG18	All

The International SafetyNET Coordinating Panel
 Halifax, NS Canada, 29 August 2019
 SUMMARY REPORT

7	5	Iridium SafetyCast service implementation	27 September	Upload draft messages to WWNWS-SC pages of the IHO website	IHO
8	5	Iridium SafetyCast service implementation	27 September	Move draft message templates to the WWNWS11 meeting documents page from DRWG17 page	IHO
9	5	Iridium SafetyCast service implementation	27 September	Provide updated logos for inclusion on the certificates	IMO/Inmarsat/Iridium
10	5	Iridium SafetyCast service implementation	27 September	Draft corrected Certificate templates to be added to the WWNWS11 document page	NAVAREA IV_XII/IHO
11	6	Additional service providers	On going	engage with their administrations and representatives at the IMO to ensure their views and concerns are acknowledge and articulated during the IMO meetings	All